AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
38	September 12, 2002	209842 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

720-20-04-01-2D1-2-0-29-2540-1-FST9701-75 2041 Obligate $ 50,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* **52.232-18, Availability of Funds**

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $30,729,420 by $50,000 to $30,779,420.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED September 12, 2002

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
37	June 6, 2002	197991 & 202238	

6. ISSUED BY CODE 0616/RAL

NASA Lewis Research Center
Attn: Richard Lind
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Obligate $ 3,448,888

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $27,280,532 by $3,448,888 to $30,729,420.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED June 6, 2002

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

Accounting and Appropriation Data:

772-20-04-01-2D1-2-0-29-2540-1-FST9701-75		Obligate	$391,794.00
950-20-04-21-2DA-2-0-09-2540-1-YST9701-75	204A	Obligate	$1,200,000.00
772-20-04-01-2D1-2-0-29-2540-1-FST9701-75		Obligate	$591,794.00
950-20-04-21-2DA-2-0-09-2540-1-YST9701-75	204A	Obligate	$1,265,300.00

TOTAL: $3,448,88.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
36	May 29, 2002	197344 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Obligate $ 33,876

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $27,246,656 by $33,876 to $27,280,532.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED May 29, 2002

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	CONTRACT ID CODE	PAGE
		1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
35	*March 1, 2002*		

6. ISSUED BY CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. ***NAS3-98030***

10B. DATED *(SEE ITEM 13)* ***January 30, 1998***

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 10 U.S.C. 2304
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign and return one copy of this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The contract value is increased from $40,815,751 by $8,700,000 to $49,515,751 to reflect the current estimated volume of work issued under the Indefinite Quantity provisions of the contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Barry G. Flowe Project Manager		***Ronald W. Sepesi, Contracting Officer***	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY Barry G. Flowe *(Signature of person authorized to sign)*	5/3/02	BY *(Signature of Contracting Officer)*	5-13-02

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE
		1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
34	March 1, 2002	188626, F, G & H (c)	

6. ISSUED BY CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-2-0-09-2540-1-YST9701-75 204A Obligate $1,639,398

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* ***Unilateral Contract Modification as authorized by Clause F.4, "OPTION TO EXTEND THE TERM OF THE CONTRACT."***

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The contract value is increased from $32,906,968 by $7,908,783 to $40,815,751.

b. The amount of available funding is increased from $25,607,258 by $1,639,398 to $27,246,656, which is estimated to cover performance through May 23, 2002.

c. The period of performance is extended through February 28, 2003.

d. New Wage Determination no. 1994-2416, Revision 16 (dated 10/5/2001) is hereby incorporated into the contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	3/1/02

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

William W. Gross
Director

Division of
Wage Determinations

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

Wage Determination No.: 1994-2416
Revision No.: 16
Date of Last Revision: 10/05/2001

State: Ohio

Area: Ohio Counties of Ashland, Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Richland, Stark, Summit, Wayne

** Fringe Benefits Required Follow the Occupational Listing **

OCCUPATION TITLE	MINIMUM WAGE RATE
Administrative Support and Clerical Occupations	
Accounting Clerk I	8.26
Accounting Clerk II	10.52
Accounting Clerk III	12.36
Accounting Clerk IV	15.12
Court Reporter	15.12
Dispatcher, Motor Vehicle	13.17
Document Preparation Clerk	10.96
Duplicating Machine Operator	10.96
Film/Tape Librarian	10.47
General Clerk I	8.22
General Clerk II	9.35
General Clerk III	10.96
General Clerk IV	13.15
Housing Referral Assistant	16.69
Key Entry Operator I	8.90
Key Entry Operator II	10.69
Messenger (Courier)	7.98
Order Clerk I	9.89
Order Clerk II	11.75
Personnel Assistant (Employment) I	11.06
Personnel Assistant (Employment) II	12.43
Personnel Assistant (Employment) III	14.59
Personnel Assistant (Employment) IV	17.04
Production Control Clerk	15.16
Rental Clerk	10.47
Scheduler, Maintenance	12.04
Secretary I	12.04
Secretary II	14.93
Secretary III	16.69
Secretary IV	18.23
Secretary V	21.29
Service Order Dispatcher	10.47

Stenographer I	10.73
Stenographer II	12.04
Supply Technician	18.23
Survey Worker (Interviewer)	12.98
Switchboard Operator-Receptionist	10.38
Test Examiner	14.93
Test Proctor	14.93
Travel Clerk I	9.56
Travel Clerk II	10.25
Travel Clerk III	11.01
Word Processor I	10.06
Word Processor II	14.32
Word Processor III	15.61

Automatic Data Processing Occupations

Computer Data Librarian	9.37
Computer Operator I	10.16
Computer Operator II	13.36
Computer Operator III	15.83
Computer Operator IV	18.92
Computer Operator V	20.96
Computer Programmer I (1)	15.52
Computer Programmer II (1)	17.34
Computer Programmer III (1)	22.01
Computer Programmer IV (1)	26.14
Computer Systems Analyst I (1)	23.56
Computer Systems Analyst II (1)	27.00
Computer Systems Analyst III (1)	27.62
Peripheral Equipment Operator	11.09

Automotive Service Occupations

Automotive Body Repairer, Fiberglass	19.36
Automotive Glass Installer	18.02
Automotive Worker	18.02
Electrician, Automotive	18.73
Mobile Equipment Servicer	16.45
Motor Equipment Metal Mechanic	19.36
Motor Equipment Metal Worker	18.02
Motor Vehicle Mechanic	19.36
Motor Vehicle Mechanic Helper	15.71
Motor Vehicle Upholstery Worker	17.21
Motor Vehicle Wrecker	18.02
Painter, Automotive	18.73
Radiator Repair Specialist	18.02
Tire Repairer	15.89
Transmission Repair Specialist	19.36

Food Preparation and Service Occupations

Baker	11.47

Cook I	10.46
Cook II	11.47
Dishwasher	8.44
Food Service Worker	8.44
Meat Cutter	12.27
Waiter/Waitress	9.04

Furniture Maintenance and Repair Occupations

Electrostatic Spray Painter	18.73
Furniture Handler	13.89
Furniture Refinisher	18.73
Furniture Refinisher Helper	15.71
Furniture Repairer, Minor	17.22
Upholsterer	18.73

General Services and Support Occupations

Cleaner, Vehicles	8.25
Elevator Operator	9.49
Gardener	10.46
House Keeping Aid I	8.25
House Keeping Aid II	9.49
Janitor	9.49
Laborer, Grounds Maintenance	9.08
Maid or Houseman	7.67
Pest Controller	12.59
Refuse Collector	8.25
Tractor Operator	10.27
Window Cleaner	10.17

Health Occupations

Dental Assistant	13.40
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	10.93
Licensed Practical Nurse I	10.02
Licensed Practical Nurse II	11.24
Licensed Practical Nurse III	12.57
Medical Assistant	9.89
Medical Laboratory Technician	11.24
Medical Record Clerk	10.71
Medical Record Technician	13.54
Nursing Assistant I	7.46
Nursing Assistant II	8.38
Nursing Assistant III	9.15
Nursing Assistant IV	10.26
Pharmacy Technician	12.11
Phlebotomist	11.24
Registered Nurse I	15.57
Registered Nurse II	19.06
Registered Nurse II, Specialist	19.06
Registered Nurse III	23.06

Registered Nurse III, Anesthetist	23.06
Registered Nurse IV	27.62

Information and Arts Occupations

Audiovisual Librarian	16.56
Exhibits Specialist I	15.21
Exhibits Specialist II	17.70
Exhibits Specialist III	20.40
Illustrator I	15.66
Illustrator II	18.22
Illustrator III	21.00
Librarian	22.24
Library Technician	12.98
Photographer I	12.04
Photographer II	15.21
Photographer III	17.70
Photographer IV	20.40
Photographer V	23.77

Laundry, Dry Cleaning, Pressing and Related Occupations

Assembler	7.65
Counter Attendant	7.65
Dry Cleaner	9.61
Finisher, Flatwork, Machine	7.65
Presser, Hand	7.65
Presser, Machine, Drycleaning	7.65
Presser, Machine, Shirts	7.65
Presser, Machine, Wearing Apparel, Laundry	7.65
Sewing Machine Operator	10.26
Tailor	10.91
Washer, Machine	8.30

Machine Tool Operation and Repair Occupations

Machine-Tool Operator (Toolroom)	18.81
Tool and Die Maker	21.51

Material Handling and Packing Occupations

Forklift Operator	13.88
Fuel Distribution System Operator	17.40
Material Coordinator	13.54
Material Expediter	13.54
Material Handling Laborer	11.34
Order Filler	11.02
Production Line Worker (Food Processing)	12.36
Shipping Packer	12.94
Shipping/Receiving Clerk	12.94
Stock Clerk (Shelf Stocker; Store Worker II)	15.67
Store Worker I	11.40
Tools and Parts Attendant	14.95

Warehouse Specialist	13.00
Mechanics and Maintenance and Repair Occupations	
Aircraft Mechanic	19.36
Aircraft Mechanic Helper	15.71
Aircraft Quality Control Inspector	20.07
Aircraft Servicer	17.21
Aircraft Worker	18.02
Appliance Mechanic	18.73
Bicycle Repairer	15.89
Cable Splicer	20.49
Carpenter, Maintenance	18.73
Carpet Layer	18.02
Electrician, Maintenance	21.69
Electronics Technician, Maintenance I	15.10
Electronics Technician, Maintenance II	19.25
Electronics Technician, Maintenance III	24.98
Fabric Worker	17.21
Fire Alarm System Mechanic	19.36
Fire Extinguisher Repairer	16.45
Fuel Distribution System Mechanic	16.26
General Maintenance Worker	18.02
Heating, Refrigeration and Air Conditioning Mechanic	19.36
Heavy Equipment Mechanic	19.36
Heavy Equipment Operator	19.36
Instrument Mechanic	19.36
Laborer	13.07
Locksmith	18.73
Machinery Maintenance Mechanic	20.75
Machinist, Maintenance	19.29
Maintenance Trades Helper	15.71
Millwright	22.26
Office Appliance Repairer	18.73
Painter, Aircraft	18.73
Painter, Maintenance	18.73
Pipefitter, Maintenance	22.65
Plumber, Maintenance	20.49
Pneudraulic Systems Mechanic	19.36
Rigger	19.36
Scale Mechanic	18.02
Sheet-Metal Worker, Maintenance	19.36
Small Engine Mechanic	18.02
Telecommunication Mechanic I	19.36
Telecommunication Mechanic II	20.06
Telephone Lineman	19.36
Welder, Combination, Maintenance	19.36
Well Driller	19.36
Woodcraft Worker	19.36
Woodworker	16.45

Miscellaneous Occupations

Animal Caretaker	9.42
Carnival Equipment Operator	10.00
Carnival Equipment Repairer	10.46
Carnival Worker	8.25
Cashier	8.28
Desk Clerk	10.13
Embalmer	18.55
Lifeguard	9.14
Mortician	18.55
Park Attendant (Aide)	11.48
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	9.03
Recreation Specialist	14.04
Recycling Worker	10.00
Sales Clerk	9.03
School Crossing Guard (Crosswalk Attendant)	8.25
Sport Official	9.14
Survey Party Chief (Chief of Party)	14.97
Surveying Aide	8.63
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	13.61
Swimming Pool Operator	13.19
Vending Machine Attendant	11.50
Vending Machine Repairer	13.19
Vending Machine Repairer Helper	11.50

Personal Needs Occupations

Child Care Attendant	10.13
Child Care Center Clerk	12.64
Chore Aid	7.70
Homemaker	14.09

Plant and System Operation Occupations

Boiler Tender	19.36
Sewage Plant Operator	18.73
Stationary Engineer	19.36
Ventilation Equipment Tender	16.45
Water Treatment Plant Operator	18.73

Protective Service Occupations

Alarm Monitor	11.72
Corrections Officer	17.78
Court Security Officer	17.78
Detention Officer	17.78
Firefighter	15.91
Guard I	7.80
Guard II	13.48
Police Officer	19.66

Stevedoring/Longshoremen Occupations

Blocker and Bracer	16.31
Hatch Tender	16.31
Line Handler	16.31
Stevedore I	15.57
Stevedore II	16.95

Technical Occupations

Air Traffic Control Specialist, Center (2)	27.37
Air Traffic Control Specialist, Station (2)	18.87
Air Traffic Control Specialist, Terminal (2)	20.97
Archeological Technician I	10.44
Archeological Technician II	11.68
Archeological Technician III	14.47
Cartographic Technician	19.84
Civil Engineering Technician	17.75
Computer Based Training (CBT) Specialist/ Instructor	22.91
Drafter I	11.13
Drafter II	13.85
Drafter III	17.49
Drafter IV	22.26
Engineering Technician I	12.63
Engineering Technician II	14.19
Engineering Technician III	16.40
Engineering Technician IV	19.07
Engineering Technician V	22.94
Engineering Technician VI	27.03
Environmental Technician	17.21
Flight Simulator/Instructor (Pilot)	23.17
Graphic Artist	20.49
Instructor	19.06
Laboratory Technician	15.06
Mathematical Technician	18.63
Paralegal/Legal Assistant I	14.93
Paralegal/Legal Assistant II	19.04
Paralegal/Legal Assistant III	23.31
Paralegal/Legal Assistant IV	28.19
Photooptics Technician	18.63
Technical Writer	20.67
Unexploded (UXO) Safety Escort	17.39
Unexploded (UXO) Sweep Personnel	17.39
Unexploded Ordnance (UXO) Technician I	17.39
Unexploded Ordnance (UXO) Technician II	21.05
Unexploded Ordnance (UXO) Technician III	25.23
Weather Observer, Combined Upper Air and Surface Programs (3)	16.28
Weather Observer, Senior (3)	19.46
Weather Observer, Upper Air (3)	16.28

Transportation/ Mobile Equipment Operation Occupations

Bus Driver	15.68
Parking and Lot Attendant	7.86
Shuttle Bus Driver	11.47
Taxi Driver	9.52
Truckdriver, Heavy Truck	15.31
Truckdriver, Light Truck	11.47
Truckdriver, Medium Truck	14.64
Truckdriver, Tractor-Trailer	17.86

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 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 the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A 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)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

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 CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as 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 employed (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).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and

hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

OCCUPATION NOTES:

Refuse Collector: The rate for the Refuse Collector occupation applies does not apply to Cuyahoga County. See Wage Determination 1966-0048 for the wage rates and fringe benefits for Cuyahoga County.

** 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 $3.35 per week (or $.67 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 Title 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 Third Supplement, dated March 1997, 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.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
33			

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS3-98030**

10B. DATED *(SEE ITEM 13)* **January 30, 1998**

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause H.7, OBSERVANCE OF HOLIDAY CLOSINGS—FIXED PRICE
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign and return one copy this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The contract price is increased by $10,725 for the cost of salaries and wages paid by the Contractor for the unplanned holiday of December 24, 2001.

b. The above amount is payable upon submittal of an invoice in that amount for "December 24, 2001 Federal Holiday"

C. The Contractor agrees that the price increase reflects complete equitable adjustment for the Contractor's cost resulting from the December 24, 2001 federal holiday.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*	16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Barry G. Flowe Project Manager	Mark W. Manthey, Contracting Officer

15b. CONTRACTOR/OFFEROR	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA	16c. DATE SIGNED
BY *(Signature of person authorized to sign)*	2/19/02	BY *(Signature of Contracting Officer)*	2/28/02

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
32	FEB 19 2002		

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: The "Changes" clause
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The parties agree that the government retains its right to exercise its option to extend the term of this contract, as provided in Clause F.3 of the contract, notwithstanding that the government did not provide, wthin the required time period, notice to the contractor of the government's intent to exercise that option.

b. The Contractor acknowledges that it is hereby notified that the government intends to exercise the final option to extend the term of this contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Barry G. Howe		Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA	16c. DATE SIGNED
BY Barry G. Howe *(Signature of person authorized to sign)*	2/19/02	BY Mark W. Manthey *(Signature of Contracting Officer)*	2/19/02

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
31	JAN 14 2002		

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: **Clause H.7, OBSERVANCE OF HOLIDAY CLOSINGS—FIXED PRICE**
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign and return one copy this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The Government agrees that administrative leave, was granted to government employees at Glenn Research Center from approximately 11:00 a.m. September 11, 2001 through 12:01 a.m. September 13, 2001, hereinafter referred to as "the period of excused absence." The Government also agrees that all contractor personnel, with the exception of those required to perform round-the-clock requirements, were instructed by the Government to vacate the Center during that time period.

b. The contract price is increased by $16,064 for the cost of salaries and wages paid by the Contractor for the period of the excused absence. This amount is payable upon submittal of an invoice in that amount for "September 11-12, 2001 GRC Closure."

c. The Contractor agrees that the price increase reflects complete equitable adjustment for the Contractor's cost resulting from the period of excused absence.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Barry C. Flowe Project Manager		Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA	16c. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*	1/8/02	BY _____ *(Signature of Contracting Officer)*	1/14/02

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
30	December 14, 2001	192718 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

772-20-04-01-2D1-2-0-29-2590-1-FST9701-75 2041 Obligate $ 590,450
950-20-04-21-2DA-2-0-09-2590-1-YST9701-75 204A Obligate $1,000,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $24,016,808 by $1,590,450 to $25,607,258.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY Mark W. Manthey *(Signature of Contracting Officer)*	16c. DATE SIGNED Dec 14, 2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
29			

6. ISSUED BY CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
☐	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☒	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clauses 52.222-44, "Fair Labor Standards Act and Service Contract Act - Price Adjustment" and 52.243-1, "Changes--Fixed Price (Alternate I)
☐	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

(see page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED

a. In Clause B.2, the annual quantities for PRS No. C9-10, "Lighting 5 Year PGM," are hereby changed to "0" for contract Option Periods 3 and 4, retroactive to March 1, 2001.

b. Clause B.5, "CONTRACT PRICES," is hereby revised by replacing the prices for contract Option Periods 3 and 4 with the prices itemized on pages 3 through 4 of this modification. The price changes reflect the following individual adjustments:

1) The elimination of the requirement for re-lamping resulted in a total net price reduction of [redacted], consisting of a [redacted] reduction for Option Period 3 and another [redacted] reduction in Option Period 4. (b)4

2) Settlement of a claim for price adjustment due to an increase in wages for Roads & Grounds maintenance personnel, retroactive to May 1, 2001, resulted in price increases of [redacted] for Option Period 3 and another [redacted] for Option Period 4. (b)4

3) Settlement of a claim for price adjustment due to a new training requirement for Crane Operators, resulting in a price increase of $10,000 for Option Period 3.

The total net value of these price adjustments is a reduction of $610,776, consisting of a decrease of $164,460 in Option Period 3 of and a decrease of $446,308 in Option Period 4.

c. Paragraph 1.c., "Inspections, Testing, and Certification," in Section C11, "PERSONNEL AND MATERIAL HANDLING SYSTEMS," is hereby revised by adding the following:

"All personnel operating lifting equipment shall receive formal training and a physical examination to be certified to operate such equipment."

d. In Clause E.3, "SCHEDULE OF DEDCTIONS," the unit prices for contract Option Periods 3 and 4 are replaced with the unit prices contained in Attachment B to this modification.

e. Clause G.2, "SUBMITTAL OF INVOICES," is amended by adding the following language:

"Invoices shall be based on the revised prices effective immediately. The invoice for October 1 -15, 2001 shall reflect the following itemized adjustments:

1. a credit of [redacted] for the reduced scope of work
2. an additional amount of [redacted] for settlement of the claim for new training requirements (b)4
3. an additional amount of [redacted] for settlement of the claim for wage increase for the preceding 5 months"

f. In consideration of the modification agreed to herein as complete equitable adjustments for the Contractor's proposals for adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to those adjustments.

Contract Year 4

4001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$105,900	$1,270,800
C8	Life Safety Systems	$55,044	$660,528
C9	Electrical Distribution Systems	$110,818	$1,329,816
C10	Communications Systems	$0	$0
C11	Personnel and Material Handling Systems	$13,752	$165,024
C12	Surfaced Areas	$44,303	$531,636
C13	Buildings and Structures	$ 162	$1,944
C14	Heating Plants	$80,578	$966,936
C15	HVAC, Refrigeration, Energy Management and Control Systems	$107,538	$1,290,456
C16	Utility Distribution Systems	$11,620	$139,440
C17	Maintenance Related Environmental Services	$ 210	$2,520
	TOTAL PRICE FOR CONTRACT LINE ITEM 4001		$6,359,100

ITEM 4002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE		COEFFICIENT	Total Price
		$30,000	X	(see H.2(d)(ii)(a))	$30,000

ITEM 4003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS		UNIT PRICE/HR	TOTAL PRICE
4003AA	*Craftsman*		HR	X	=	$
4003AB	*Helper, Maintenance Trades*		HR	X	=	
4003AC	*Laborer*		HR	X	=	
4003ADa	*Hi-voltage Electric Shift 1*		HR	X	=	$
4003ADb	*Hi-voltage Electric Shift 2*		HR	X	=	
4003ADc	*Hi-voltage Electric Shift 3*		HR	X	=	
4003AE	*Groundskeeper*		HR	X	=	
4003AF	*Groundskeeper, Lead*		HR	X	=	
4003AG	*Equipment Operator*		HR	X	=	
4003AH	*General Maintenance*		HR	X	=	
4003AI	*Supervisor*		HR	X	=	
4003BA	Material	$	EA	X	=	
4003CA	Equipment	$	EA	X	=	
	TOTAL PRICE, LINE ITEM 4003					$1,472,427

(b)4

TOTAL PRICE FOR YEAR 4 (Items 4001 + 4002 + 4003)	$8,033,033

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	[redacted]	$	$
Helper, Maintenance Trades	[redacted]	$	$
Laborer	[redacted]	$	$
Electrical - high voltage	[redacted]	$	$
Groundskeeper	$ [redacted]	$	$
Groundskeeper, Lead	$ [redacted]	$	$
Equipment Operator	$ [redacted]	$	$
General Maintenance	[redacted]	$	$
Supervisor	$ [redacted]	$	$

(b)4

Contract Year 5

5001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$105,937	$1,271,243
C8	Life Safety Systems	$54,728	$656,732
C9	Electrical Distribution Systems	$113,314	$1,359,765
C10	Communications Systems	$ 0	$0
C11	Personnel and Material Handling Systems	$14,158	$169,895
C12	Surfaced Areas	$50,015	$600,180
C13	Buildings and Structures	$ 167	$2,007
C14	Heating Plants	$75,494	$905,931
C15	HVAC, Refrigeration, Energy Management and Control Systems	$104,524	$1,254,282
C16	Utility Distribution Systems	$11,975	$143,699
C17	Maintenance Related Environmental Services	$ 287	$3,438
	TOTAL PRICE FOR CONTRACT LINE ITEM 5001		$6,367,172

ITEM 5002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE		COEFFICIENT	Total Price
		$30,000	X	(see H.2(d)(ii)(a))	$30,000

ITEM 5003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS		UNIT PRICE/HR	TOTAL PRICE
5003AA	*Craftsman*		HR	X	=	$
5003AB	*Helper, Maintenance Trades*		HR	X	=	
5003AC	*Laborer*		HR	X	=	
5003ADa	*Hi-voltage Electric Shift 1*		HR	X	=	$
5003ADb	*Hi-voltage Electric Shift 2*		HR	X	=	
5003ADc	*Hi-voltage Electric Shift 3*		HR	X	=	
5003AE	*Groundskeeper*		HR	X	=	
5003AF	*Groundskeeper, Lead*		HR	X	=	
5003AG	*Equipment Operator*		HR	X	=	
5003AH	*General Maintenance*		HR	X	=	
5003AI	*Supervisor*		HR	X	=	
5003BA	Material		EA	X	=	
5003CA	Equipment		EA	X	=	
	TOTAL PRICE, LINE ITEM 5003					$1,511,611

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TOTAL PRICE FOR YEAR 5 (Items 5001 + 5002 + 5003)	$8,355,532

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	[redacted]	$	$
Helper, Maintenance Trades	[redacted]	$	$
Laborer	[redacted]	$	$
Electrical - high voltage	[redacted]	$	$
Groundskeeper	$ [redacted]	$	$
Groundskeeper, Lead	$ [redacted]	$	$
Equipment Operator	$ [redacted]	$	$
General Maintenance	[redacted]	$	$
Supervisor	$ [redacted]	$	$

(b)4

Attachment B
SCHEDULE OF DEDUCTIONS - OPTION YEAR 4

PRS No.	Title	Unit Price
C5	TROUBLE CALLS	
C8	Life Safety Systs Operations	
C8-00a	ADT System Operation	
C8-00b	Life Safety Systs Operations	
C8-01a	Smoke Detection & Bldg. Evacuation Systs Semi-Annual PM	
C8-01b	Smoke Detection & Bldg. Evacuation Systs Annual PM	
C8-02	ADT System Semi-Annual PM	
C8-03	Combustible Gas Monitoring Systs Semi-Annual PM	
C8-04a	Low Oxygen & Toxic Gas Sensors Monthly PM	
C8-04b	Low Oxygen & Toxic Gas Sensors Semi-Annual PM	
C8-05	Emergency & Exit Lighting Systs Annual PM	
C8-05a	Emergency & Exit Lighting Systs Monthly PM	
C8-06a	Automatic Sprinkler & Standpipe Systs Monthly PM	
C8-06b	Automatic Sprinkler & Standpipe Systs Quarterly PM	
C8-06c	Automatic Sprinkler & Standpipe Systs Triennial PGM	
C8-06d	Automatic Sprinkler & Standpipe / Hose Cabinets Systs Five Year	
C8-07	CO2 Extinguishing Systs Annual	
C8-08a	Hood Systs Semi-Annual PM	
C8-08b	Hood Systs Annual PM	
C8-09	Halon 1301 Extinguishing Systs Annual PM	
C8-10a	AFFF System Quarterly PM	
C8-10b	AFFF System Annual PM	
C8-11a	Fire Pumps Weekly PM	
C8-11b	Fire Pumps Annual PM	
C8-12	Fire Hydrants Annual PM	
C8-12b	Fire Hydrant Biennieal PM	
C8-13a	Fire Extinguishers Monthly PM	
C8-13b	Fire Extinguishers Annual PM	
C8-13c	Fire Extinguishers Five Year PGM	
C8-13e	Fire Extinguishers Twelve Year	
C8-14a	Emergency Generators Bldgs 14 & 21 Weekly PM	
C8-14b	Emergency Generators Monthly PM	
C8-14c	Emergency Generators Annual PM	
C8-15	Access Control Systs Semi-Annual PM	
C8-16	Intrusion Detection System Semi-Annual PM	
C8-99	Maint. & Production of Life Safety System Records & Reports	
C9	ELECTRICAL DISTRIBUTION	
C9-00c	HV Substation Nitrogen Systs	
C9-01	Low Voltage Circuit Breaker Triennial PGM.	
C9-02	Grounding Systs (Fuel Areas) Annual PM.	
C9-03	Grounding Systs Five Year PGM.	
C9-04a	Low Voltage Distribution System Thermography PT&I, Five Year	
C9-04b	Low Voltage Distribution System Five Year PGM.	
C9-05a	Motor Annual PM.	
C9-06	Cathodic Protection Annual PM.	
C9-7a	Portable Generator Monthly PM.	
C9-7b	Portable Generator Annual PM.	
C9-8a	UPS/Battery Quarterly PM.	

(b) 4

Attachment B

SCHEDULE OF DEDUCTIONS - OPTION YEAR 4

PRS No.	Title	Unit Price
C9-8b	UPS/Battery Annual PM.	
C9-8c	UPS/Battery Thermography Annual PT&I	
C9-9a	Autotransfer Switch Annual PM	
C9-11a	HV Substation Transformer Annual PM.	
C9-11a(1)	HV Dry Transformer Biennial PM	
C9-11a(2)	HV Unit-Sub/Bldg Transformer Annual PM	
C9-11b(1)	HV Substation Transfer Triennial PT&I	
C9-11b(2)	HV Dry Transformer 4 year PGM	
C9-12a	HV Oil/SF6Circuit Breaker Annual PM.	
C9-12b	HV Oil Circuit Breaker Triennial	
C9-13a	HV Air/Vacuum Circuit Breaker Biennial PM.	
C9-13b	HV Air/Vacuum Circuit Breaker 4 Year PGM	
C9-14a	HV Substation 138 Kv Disconnect Annual PT&I	
C9-14b	HV Substation 34.5 Kv Disconnect Annual PT&I	
C9-14c	HV Substation 138 Kv Disconnect Triennial PGM	
C9-14d	HV Substation 34.5 Kv Disconnect Triennial PGM (OT)	
C9-14e	HV Substation 2.4 kV Disconnect (OT)	
C9-15a	HV Substation Battery Monthly PM.	
C9-15b	HV Substation Battery Quarterly	
C9-15c	HV Substation Battery Annual PM	
C9-15d	HV Substation Battery Annual PT&I	
C9-16a	HV Capacitor Annual PT&I	
C9-16b	HV Capacitor Biennial PT&I	
C9-17	HV System Protective Relays Triennial PGM.	
C9-17b	HV System Protective Relays Buildings Annual PM	
C9-18	HV Sectionalizing Box Annual PM.	
C9-19	HV Current Limiting Reactor Annual PM.	
C9-20a	HV Substation Quarterly PM.	
C9-20b	HV Substation Annual PT&I	
C9-21	HV System Manhols Annual PT&I	
C9-22	HV Voltage Regulator Annual PM.	
C9-23a	HV Load Tap Chargers Annual PM	
C9-23b	HV Load Tap Chargers Triennial	
C9-24	HV Arrestors/Insulators 5 Yr PGM	
C9-25	HV Grounding Transformers/Resistors Annual PM	
C9-99	Maint. & Production of Electrical Distribution System Records & Reports	
	Total C9	
C11	**PERSONNEL & MTL HANDLING SYS**	
C11-00	Elevator Fire Service Check Monthly PM	
C11-01a	Elevator Monthly PM (Bldg. 110, Unit #3).	
C11-01b	Elevator Quarterly PM.	
C11-01c	Elevator Load Test & No Load Test Annual PM	
C11-01d	Elevator Full Load Test 5 Year	
C11-02b	Crane Annual PM.	
C11-02c	Crane Load Test 4 Year PGM	
C11-03	Hoists Annual PM.	
C11-04	Overhead Doors Annual PM.	
C11-05	Slings 4 Year PGM.	
C11-06	Rescue Lines Annual PM.	

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Attachment B
SCHEDULE OF DEDUCTIONS - OPTION YEAR 4

PRS No.	Title	Unit Price
C12	**Surfaced Areas (Grounds)**	
C13	**BLDGS & STRUCTURES**	
C13-01	Handicap Door Annual PM.	
C14	**HEATING PLANTS**	
C14-01a	Steam Generation.	
C14-01b	Boiler Water Sampling & Testing	
C14-01c	Fuel Oil Handling, Tank Monitoring & Sampling	
C14-01d	Operate Steam Plant Bldg 500	
C14-02a	Boiler Monthly PM	
C14-02b	Boiler Annual PM.	
C14-02c	Boiler Annual Certification	
C14-03	Pump Annual PM	
C14-04b	Air Compressor Annual PM	
C14-05	Control Panel Annual PM	
C14-06	Relief Valve Annual PM	
C14-07	Transmitter Annual PM	
C14-08	Valve Annual PM	
C14-09	Steam Trap Annual PM	
C14-10	Water Tank Annual PM	
C14-11	Fuel Oil Storage Tank 4 Year PGM.	
C14-12	Steam Turbine Annual PM	
C14-14	Burner, Oil Annual PM	
C14-16a	Forced/Induced Draft Fan Quarterly PM	
C14-16b	Forced/Induced Draft Fan Annual	
C14-17	Pump, Sump Annual PM	
C14-19	Chemical Feed System Annual PM.	
C14-20a	Water Softener Quarterly PM	
C14-20b	Water Softener Annual PM	
C14-99	Maint. & Production of Heating Plant System Records & Reports	
C15	**HVAC, REFRIG, & ENERGY MGMT CONTROL SYSTEM**	
C15-01a	Split System AC/Condensing Unit Semi-Annual PM	
C15-02a	Package Air Conditioner Semi-Annual PM	
C15-03a	Rotary Screw Chiller Monthly PM	
C15-03b	Rotary Screw Chiller Quarterly PM	
C15-03c	Rotary Screw Chiller Annual PM	
C15-03d	Rotary Screw Chiller Annual PT&I	
C15-04a	Air Handling Unit Semi-Annual PM	
C15-04b	Air Handling Unit Annual PM	
C15-05a	Fan Coil Unit Semi-Annual PM	
C15-06	Chemical Feed System Annual PM	
C15-07a	Control Air System Annual PM	
C15-08a	Centrifugal Chiller Monthly PM	
C15-08b	Centrifugal Chiller Semi-Annual PM	
C15-08c	Centrifugal Chiller Annual PM	
C15-08d	Centrifugal Chiller Annual PT&I	
C15-09	Control Air Dryer Semi-Annual PM	
C15-10a	Exhaust Fan/Blower Semi-Annual PM	
C15-10b	Make-Up Fan Annual PM	
C15-11	Forced Air Heater Semi-Annual PM	
C15-12	Package AC W/Gas Heat Semi-Annual PM	
C15-13	Refrigerator/Freezer Semi-Annual	
C15-14	Beverage/Dairy Dispenser/Cooler Semi-Annual PM	
C15-15	Salad Cooler Semi-Annual PM	
C15-16	Refrigerated Food Display Case Semi-Annual PM	
C15-17	Ice Machine Semi-Annual PM	
C15-19	Window Air Conditioner Annual PM	
C15-20a	Heat Exchanger Semi-Annual PM	

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Attachment B
SCHEDULE OF DEDUCTIONS - OPTION YEAR 4

PRS No.	Title	Unit Price
C15-21	Glycol AC System Semi-Annual PM	
C15-22	Fume/Lab Exhaust Hood Semi-Annual PM	
C15-23	Mobile Refrigerant Reclaimer Annual PM	
C15-24	Humidification Systs Annual PM	
C15-25	Pumps Annual PM	
C15-26	Valves Annual PM	
C15-27a	Cooling Tower Monthly PM	
C15-27b	Cooling Tower Annual PM	
C15-28	Energy Mgt Control System (EMCS) Annual PM	
C15-29	Pneumatic Panel Annual PM	
C15-30	VAV Box Semi-annual PM	
C15-31a	Reciprocating Chiller Monthly PM	
C15-31b	Reciprocating Chiller Semi-Annual PM	
C15-31c	Reciprocating Chiller Annual PM	
C15-31d	Reciprocating Chiller PT&I	
C15-32	Chiller Water Facilities Operations	
C15-33	Cooling Tower Operations	
C15-34	Panel Reading & Recording	
C15-35	EMCS Operations	
C15-36	Refrigerant Useage Recording	
C15-99	Maint. & Production of HVAC Systs Records & Reports	
C16	**UTILITY DISTRIBUTION SYS**	
C16-01	Air Compressor Annual PM.	
C16-02	Natural Gas Valve Annual PM.	
C16-03	Backflow Preventer Annual PM.	
C16-04	Pump Annual PM.	
C16-05	Steam Trap Annual PM.	
C16-06	Pump, Sump Annual PM.	
C16-07	Sewage Pumping Operation	
C16-08	Waste Basin Fac Ops	
C16-09	Wast Basin Fac Semi-Annual PM	
C16-99	Maint. & Production of Utility Systs Records & Reports	
C17	**MAINT. RELATED ENVIRON**	
C17-99	Maint. & Production of Maint. Related Environmental Services Records & Reports	

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Attachment B

SCHEDULE OF DEDUCTIONS - OPTION YEAR 3

PRS No.	Title	Unit Price
C5	TROUBLE CALLS	
C8	Life Safety Systs Operations	
C8-00a	ADT System Operation	
C8-00b	Life Safety Systs Operations	
C8-01a	Smoke Detection & Bldg. Evacuation Systs Semi-Annual PM	
C8-01b	Smoke Detection & Bldg. Evacuation Systs Annual PM	
C8-02	ADT System Semi-Annual PM	
C8-03	Combustible Gas Monitoring Systs Semi-Annual PM	
C8-04a	Low Oxygen & Toxic Gas Sensors Monthly	
C8-04b	Low Oxygen & Toxic Gas Sensors Semi-Annual PM	
C8-05	Emergency & Exit Lighting Systs Annual PM	
C8-05a	Emergency & Exit Lighting Systs Monthly PM	
C8-06a	Automatic Sprinkler & Standpipe Systs Monthly PM	
C8-06b	Automatic Sprinkler & Standpipe Systs Quarterly PM	
C8-06c	Automatic Sprinkler & Standpipe Systs Triennial PGM	
C8-06d	Automatic Sprinkler & Standpipe / Hose Cabinets Systs Five Year PGM	
C8-07	CO2 Extinguishing Systs Annual PM	
C8-08a	Hood Systs Semi-Annual PM	
C8-08b	Hood Systs Annual PM	
C8-09	Halon 1301 Extinguishing Systs Annual PM	
C8-10a	AFFF System Quarterly PM	
C8-10b	AFFF System Annual PM	
C8-11a	Fire Pumps Weekly PM	
C8-11b	Fire Pumps Annual PM	
C8-12	Fire Hydrants Annual PM	
C8-12b	Fire Hydrant Biennieal PM	
C8-13a	Fire Extinguishers Monthly PM	
C8-13b	Fire Extinguishers Annual PM	
C8-13c	Fire Extinguishers Five Year PGM	
C8-13d	Fire Extinguishers 6 Year PGM	
C8-13e	Fire Extinguishers Twelve Year PGM	
C8-14a	Emergency Generators Bldgs 14 & 21 Weekly PM	
C8-14b	Emergency Generators Monthly PM	
C8-14c	Emergency Generators Annual PM	
C8-15	Access Control Systs Semi-Annual PM	
C8-16	Intrusion Detection System Semi-Annual PM	
C8-99	Maint. & Production of Life Safety System Records & Reports	
C9	ELECTRICAL DISTRIBUTION Systs	
C9-00c	HV Substation Nitrogen Systs	
C9-01	Low Voltage Circuit Breaker Triennial PGM.	
C9-02	Grounding Systs (Fuel Areas) Annual PM.	
C9-03	Grounding Systs Five Year PGM.	
C9-04a	Low Voltage Distribution System Thermography PT&I, Five Year PGM.	
C9-04b	Low Voltage Distribution System Five Year PGM.	
C9-05a	Motor Annual PM.	
C9-05b	Motor Annual PT&I.	
C9-06	Cathodic Protection Annual PM.	
C9-7a	Portable Generator Monthly PM.	
C9-7b	Portable Generator Annual PM.	
C9-8a	UPS/Battery Quarterly PM.	
C9-8b	UPS/Battery Annual PM.	
C9-8c	UPS/Battery Thermography Annual PT&I	
C9-9a	Autotransfer Switch Annual PM	
C9-10	Lighting 5 Year PGM.	
C9-11a	HV Substation Transformer Annual PM.	
C9-11a(1)	HV Dry Transformer Biennial PM	

(b) 4

Attachment B

SCHEDULE OF DEDUCTIONS - OPTION YEAR 3

PRS No.	Title	Unit Price
C9-11a(2)	HV Unit-Sub/Bldg Transformer Annual PM	
C9-11b	HV Unit Sub/Bldg. Transformer 2.4 Kv Annual PT & I	
C9-11b(1)	HV Substation Transfer Triennial PT&I	
C9-11b(2)	HV Dry Transformer 4 year PGM	
C9-12a	HV Oil/SF6Circuit Breaker Annual PM.	
C9-12b	HV Oil Circuit Breaker Triennial PGM	
C9-13a	HV Air/Vacuum Circuit Breaker Biennial PM.	
C9-13b	HV Air/Vacuum Circuit Breaker 4 Year PGM	
C9-14	HV Disconnect Switch Annual PM.	
C9-14a	HV Substation 138 Kv Disconnect Annual	
C9-14b	HV Substation 34.5 Kv Disconnect Annual	
C9-14c	HV Substation 138 Kv Disconnect Triennial PGM	
C9-14d	HV Substation 34.5 Kv Disconnect Triennial PGM (OT)	
C9-14e	HV Substation 2.4 kV Disconnect (OT)	
C9-15a	HV Substation Battery Monthly PM.	
C9-15b	HV Substation Battery Quarterly PM.	
C9-15c	HV Substation Battery Annual PM	
C9-15d	HV Substation Battery Annual PT&I	
C9-16	HV Capacitor Annual PM.	
C9-16a	HV Capacitor Annual PT&I	
C9-16b	HV Capacitor Biennial PT&I	
C9-17	HV System Protective Relays Triennial PGM.	
C9-17b	HV System Protective Relays Buildings Annual PM	
C9-18	HV Sectionalizing Box Annual PM.	
C9-19	HV Current Limiting Reactor Annual PM.	
C9-20a	HV Substation Quarterly PM.	
C9-20b	HV Substation Annual PT&I	
C9-21	HV System Manhols Annual PT&I	
C9-22	HV Voltage Regulator Annual PM.	
C9-23	HV Load Tap Changers Annual PM.	
C9-23a	HV Load Tap Chargers Annual PM	
C9-23b	HV Load Tap Chargers Triennial PM	
C9-24	HV Arrestors/Insulators 5 Yr PGM	
C9-24a	HV Arrestors/Insulators Annual PM	
C9-24b	HV Arrestors/Insulators Triennial PGM	
C9-25	HV Grounding Transformers/Resistors Annual PM	
C9-99	Maint. & Production of Electrical Distribution System Records & Reports	
C11	**PERSONNEL & MTL HANDLING SYS**	
C11-00	Elevator Fire Service Check Monthly PM	
C11-01a	Elevator Monthly PM (Bldg. 110, Unit #3).	
C11-01b	Elevator Quarterly PM.	
C11-01c	Elevator Load Test & No Load Test Annual	
C11-01d	Elevator Full Load Test 5 Year PGM	
C11-02a	Crane Monthly PM.	
C11-02b	Crane Annual PM.	
C11-02c	Crane Load Test 4 Year PGM	
C11-03	Hoists Annual PM.	
C11-04	Overhead Doors Annual PM.	
C11-05	Slings 4 Year PGM.	
C11-06	Rescue Lines Annual PM.	
C12	Surfaced Areas (Grounds)/Total C12	

(b) 4

Attachment B

SCHEDULE OF DEDUCTIONS - OPTION YEAR 3

PRS No.	Title	Unit Price
C13	BLDGS & STRUCTURES	
C13-01	Handicap Door Annual PM/ Tot C13	
C14	HEATING PLANTS	
C14-01a	Steam Generation.	
C14-01b	Boiler Water Sampling & Testing	
C14-01c	Fuel Oil Handling, Tank Monitoring &	
C14-01d	Operate Steam Plant Bldg 500	
C14-02a	Boiler Monthly PM	
C14-02b	Boiler Annual PM.	
C14-02c	Boiler Annual Certification	
C14-03	Pump Annual PM	
C14-04b	Air Compressor Annual PM	
C14-05	Control Panel Annual PM	
C14-06	Relief Valve Annual PM	
C14-07	Transmitter Annual PM	
C14-08	Valve Annual PM	
C14-09	Steam Trap Annual PM	
C14-10	Water Tank Annual PM	
C14-11	Fuel Oil Storage Tank 4 Year PGM.	
C14-12	Steam Turbine Annual PM	
C14-14	Burner, Oil Annual PM	
C14-16a	Forced/Induced Draft Fan Quarterly PM	
C14-16b	Forced/Induced Draft Fan Annual PM	
C14-17	Pump, Sump Annual PM	
C14-19	Chemical Feed System Annual PM.	
C14-20a	Water Softener Quarterly PM	
C14-20b	Water Softener Annual PM	
C14-99	Maint. & Production of Heating Plant System Records & Reports	
C15	HVAC, REFRIG, & ENERGY MGMT CONTROL SYSTEM	
C15-01a	Split System AC/Condensing Unit Semi-Annual PM	
C15-02a	Package Air Conditioner Semi-Annual PM	
C15-03a	Rotary Screw Chiller Monthly PM	
C15-03b	Rotary Screw Chiller Quarterly PM	
C15-03c	Rotary Screw Chiller Annual PM	
C15-03d	Rotary Screw Chiller Annual PT&I	
C15-04a	Air Handling Unit Semi-Annual PM	
C15-04b	Air Handling Unit Annual PM	
C15-05a	Fan Coil Unit Semi-Annual PM	
C15-06	Chemical Feed System Annual PM	
C15-07a	Control Air System Annual PM	
C15-08a	Centrifugal Chiller Monthly PM	
C15-08b	Centrifugal Chiller Semi-Annual PM	
C15-08c	Centrifugal Chiller Annual PM	
C15-08d	Centrifugal Chiller Annual PT&I	
C15-09	Control Air Dryer Semi-Annual PM	
C15-10a	Exhaust Fan/Blower Semi-Annual PM	
C15-10b	Make-Up Fan Annual PM	
C15-11	Forced Air Heater Semi-Annual PM	
C15-12	Package AC W/Gas Heat Semi-Annual PM	
C15-13	Refrigerator/Freezer Semi-Annual PM	
C15-14	Beverage/Dairy Dispenser/Cooler Semi-Annual PM	
C15-15	Salad Cooler Semi-Annual PM	
C15-16	Refrigerated Food Display Case Semi-Annual PM	
C15-17	Ice Machine Semi-Annual PM	
C15-18	Water Cooler Semi Annual PM	
C15-19	Window Air Conditioner Annual PM	
C15-20a	Heat Exchanger Semi-Annual PM	
C15-21	Glycol AC System Semi-Annual PM	
C15-22	Fume/Lab Exhaust Hood Semi-Annual PM	
C15-23	Mobile Refrigerant Reclaimer Annual PM	
C15-24	Humidification Systs Annual PM	
C15-25	Pumps Annual PM	
C15-26	Valves Annual PM	
C15-27a	Cooling Tower Monthly PM	

(b)4

Attachment B

SCHEDULE OF DEDUCTIONS - OPTION YEAR 3

PRS No.	Title	Unit Price
C15-27b	Cooling Tower Annual PM	
C15-28	Energy Mgt Control System (EMCS) Annual PM	
C15-29	Pneumatic Panel Annual PM	
C15-30	VAV Box Semi-annual PM	
C15-31a	Reciprocating Chiller Monthly PM	
C15-31b	Reciprocating Chiller Semi-Annual PM	
C15-31c	Reciprocating Chiller Annual PM	
C15-31d	Reciprocating Chiller PT&I	
C15-32	Chiller Water Facilities Operations	
C15-33	Cooling Tower Operations	
C15-34	Panel Reading & Recording Monthly	
C15-35	EMCS Operations	
C15-36	Refrigerant Useage Recording	
C15-99	Maint. & Production of HVAC Systs Records & Reports	
C16	UTILITY DISTRIBUTION SYS	
C16-01	Air Compressor Annual PM.	
C16-02	Natural Gas Valve Annual PM.	
C16-03	Backflow Preventer Annual PM.	
C16-04	Pump Annual PM.	
C16-05	Steam Trap Annual PM.	
C16-06	Pump, Sump Annual PM.	
C16-07	Sewage Pumping Operation	
C16-08	Waste Basin Fac Ops	
C16-09	Wast Basin Fac Semi-Annual PM	
C16-99	Maint. & Production of Utility Systs Records & Reports	
C17	MAINT. RELATED ENVIRON SVCS	
C17-99	Maint. & Production of Maint. Related Environmental Services Records & Reports/Total C17	

(b) 4

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE
		1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
28	September 24, 2001	185360 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

772-20-04-01-2D1-1-0-43-2540-1-FST9701-75 2041 Obligate $ 145,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $23,871,808 by $145,000 to $$24,016,808.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED Sept., 24, 2001

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
27	September 10, 2001		

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* *Unilateral contract modification issued pursuant to clause 52.222-41, "Service Contract Act of 1965"*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

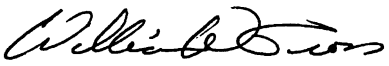
The following two Wage Determinations are attached hereto and incorporated into the contract:

1. ***No. 1982-0581, Revision 11, dated 07/25/2001 (retroactive to May 1, 2001)***
2. ***No. 1994-2416, Revision 14, dated 09/18/2000***

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED September 10, 2001

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



William W. Gross
Director

Division of
Wage Determinations

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

Wage Determination No.: 1982-0581
Revision No.: 11
Date of Last Revision: 07/25/2001

This wage determination applies at the address(es) below:

Lewis Research Center, Cuyahoga County, OH

Employed on the NASA contracts for operation, repair, and maintenance services.

Collective Bargaining Agreement between JDD, Inc. and International Brotherhood of Teamsters Union Local No. 416 (carpenter shop), effective April 1, 1999 through December 31, 2002.

Collective Bargaining Agreement between Call Henry, Inc. and International Brotherhood of Teamsters, Local No. 416 (facilities mmaintenance), effective July 1, 1997 through December 31, 2002.

Collective Bargaining Agreement between Call Henry, Inc. and International Brotherhood of Teamsters, Chauffeurs, Warehousemen and Helpers of America, Local Union 416 (ground maintence), effective May 1, 2001 through December 31, 2002.

Collective Bargaining Agreement between JDD, Inc. and Industrial, Maintenance and Vending Machine Service Employees, Local Union No. 416 (steam plant), effective February 17, 1999 through June 30, 2002.

Collective Bargaining Agreement between Call Henry, Inc. and International Brotherhood of Electrical Workers, Local Union No. 38 (electrical industry), effective May 1, 2000 through April 30, 2005.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

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

William W. Gross
Director

Division of
Wage Determinations

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

Wage Determination No.: 1994-2416
Revision No.: 14
Date of Last Revision: 09/18/2000

State: Ohio

Area: Ohio Counties of Ashland, Ashtabula, Carroll, Columbiana, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Mahoning, Medina, Portage, Richland, Stark, Summit, Trumbull, Wayne

** Fringe Benefits Required Follow the Occupational Listing **

OCCUPATION TITLE	MINIMUM WAGE RATE
Administrative Support and Clerical Occupations	
Accounting Clerk I	7.90
Accounting Clerk II	10.06
Accounting Clerk III	11.82
Accounting Clerk IV	14.46
Court Reporter	13.17
Dispatcher, Motor Vehicle	13.17
Document Preparation Clerk	10.97
Duplicating Machine Operator	10.96
Film/Tape Librarian	10.47
General Clerk I	7.50
General Clerk II	8.53
General Clerk III	10.96
General Clerk IV	12.20
Housing Referral Assistant	15.16
Key Entry Operator I	8.07
Key Entry Operator II	9.69
Messenger (Courier)	7.50
Order Clerk I	8.60
Order Clerk II	10.22
Personnel Assistant (Employment) I	9.84
Personnel Assistant (Employment) II	11.06
Personnel Assistant (Employment) III	12.98
Personnel Assistant (Employment) IV	15.16
Production Control Clerk	15.16
Rental Clerk	10.47
Scheduler, Maintenance	10.47
Secretary I	10.47
Secretary II	12.98
Secretary III	15.16
Secretary IV	16.56
Secretary V	19.34
Service Order Dispatcher	10.47

Stenographer I	9.33
Stenographer II	10.47
Supply Technician	16.56
Survey Worker (Interviewer)	12.98
Switchboard Operator-Receptionist	9.03
Test Examiner	12.98
Test Proctor	12.98
Travel Clerk I	8.84
Travel Clerk II	9.48
Travel Clerk III	10.18
Word Processor I	9.51
Word Processor II	13.54
Word Processor III	14.76

Automatic Data Processing Occupations

Computer Data Librarian	9.37
Computer Operator I	9.09
Computer Operator II	11.95
Computer Operator III	14.16
Computer Operator IV	16.92
Computer Operator V	18.75
Computer Programmer I (1)	14.17
Computer Programmer II (1)	15.84
Computer Programmer III (1)	20.10
Computer Programmer IV (1)	23.87
Computer Systems Analyst I (1)	20.49
Computer Systems Analyst II (1)	23.48
Computer Systems Analyst III (1)	27.63
Peripheral Equipment Operator	9.64

Automotive Service Occupations

Automotive Body Repairer, Fiberglass	19.36
Automotive Glass Installer	18.02
Automotive Worker	18.02
Electrician, Automotive	18.73
Mobile Equipment Servicer	16.45
Motor Equipment Metal Mechanic	19.36
Motor Equipment Metal Worker	18.02
Motor Vehicle Mechanic	19.36
Motor Vehicle Mechanic Helper	15.71
Motor Vehicle Upholstery Worker	17.21
Motor Vehicle Wrecker	18.02
Painter, Automotive	18.73
Radiator Repair Specialist	18.02
Tire Repairer	15.89
Transmission Repair Specialist	19.36

Food Preparation and Service Occupations

Baker	11.47

Cook I	10.46
Cook II	11.47
Dishwasher	8.25
Food Service Worker	8.25
Meat Cutter	11.47
Waiter/Waitress	8.84

Furniture Maintenance and Repair Occupations

Electrostatic Spray Painter	18.73
Furniture Handler	13.89
Furniture Refinisher	18.73
Furniture Refinisher Helper	15.71
Furniture Repairer, Minor	17.22
Upholsterer	18.73

General Services and Support Occupations

Cleaner, Vehicles	8.25
Elevator Operator	8.25
Gardener	10.46
House Keeping Aid I	8.25
House Keeping Aid II	8.71
Janitor	8.25
Laborer, Grounds Maintenance	8.84
Maid or Houseman	7.67
Pest Controller	10.95
Refuse Collector	8.25
Tractor Operator	10.00
Window Cleaner	8.84

Health Occupations

Dental Assistant	13.40
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	10.93
Licensed Practical Nurse I	8.71
Licensed Practical Nurse II	9.77
Licensed Practical Nurse III	10.93
Medical Assistant	9.77
Medical Laboratory Technician	9.77
Medical Record Clerk	9.77
Medical Record Technician	13.54
Nursing Assistant I	7.10
Nursing Assistant II	7.98
Nursing Assistant III	8.71
Nursing Assistant IV	9.77
Pharmacy Technician	12.19
Phlebotomist	9.77
Registered Nurse I	13.54
Registered Nurse II	16.57
Registered Nurse II, Specialist	16.57
Registered Nurse III	20.05

Registered Nurse III, Anesthetist	20.05
Registered Nurse IV	24.02

Information and Arts Occupations

Audiovisual Librarian	16.56
Exhibits Specialist I	15.21
Exhibits Specialist II	17.70
Exhibits Specialist III	20.40
Illustrator I	15.21
Illustrator II	17.70
Illustrator III	20.40
Librarian	19.34
Library Technician	12.98
Photographer I	12.04
Photographer II	15.21
Photographer III	17.70
Photographer IV	20.40
Photographer V	23.77

Laundry, Dry Cleaning, Pressing and Related Occupations

Assembler	7.00
Counter Attendant	7.00
Dry Cleaner	8.79
Finisher, Flatwork, Machine	7.00
Presser, Hand	7.00
Presser, Machine, Drycleaning	7.00
Presser, Machine, Shirts	7.00
Presser, Machine, Wearing Apparel, Laundry	7.00
Sewing Machine Operator	9.39
Tailor	9.98
Washer, Machine	7.59

Machine Tool Operation and Repair Occupations

Machine-Tool Operator (Toolroom)	18.73
Tool and Die Maker	21.42

Material Handling and Packing Occupations

Forklift Operator	13.20
Fuel Distribution System Operator	16.45
Material Coordinator	13.54
Material Expediter	13.54
Material Handling Laborer	11.34
Order Filler	11.02
Production Line Worker (Food Processing)	12.36
Shipping Packer	12.06
Shipping/Receiving Clerk	12.06
Stock Clerk (Shelf Stocker; Store Worker II)	13.73
Store Worker I	11.28
Tools and Parts Attendant	14.22

Warehouse Specialist	12.36
Mechanics and Maintenance and Repair Occupations	
Aircraft Mechanic	19.36
Aircraft Mechanic Helper	15.71
Aircraft Quality Control Inspector	20.07
Aircraft Servicer	17.21
Aircraft Worker	18.02
Appliance Mechanic	18.73
Bicycle Repairer	15.89
Cable Splicer	19.36
Carpenter, Maintenance	18.73
Carpet Layer	18.02
Electrician, Maintenance	21.69
Electronics Technician, Maintenance I	13.46
Electronics Technician, Maintenance II	17.16
Electronics Technician, Maintenance III	22.27
Fabric Worker	17.21
Fire Alarm System Mechanic	19.36
Fire Extinguisher Repairer	16.45
Fuel Distribution System Mechanic	16.26
General Maintenance Worker	18.02
Heating, Refrigeration and Air Conditioning Mechanic	19.36
Heavy Equipment Mechanic	19.36
Heavy Equipment Operator	19.36
Instrument Mechanic	19.36
Laborer	13.07
Locksmith	18.73
Machinery Maintenance Mechanic	20.75
Machinist, Maintenance	19.29
Maintenance Trades Helper	15.71
Millwright	19.36
Office Appliance Repairer	18.73
Painter, Aircraft	18.73
Painter, Maintenance	18.73
Pipefitter, Maintenance	22.65
Plumber, Maintenance	18.73
Pneudraulic Systems Mechanic	19.36
Rigger	19.36
Scale Mechanic	18.02
Sheet-Metal Worker, Maintenance	19.36
Small Engine Mechanic	18.02
Telecommunication Mechanic I	19.36
Telecommunication Mechanic II	20.06
Telephone Lineman	19.36
Welder, Combination, Maintenance	19.36
Well Driller	19.36
Woodcraft Worker	19.36
Woodworker	16.45

Miscellaneous Occupations

Animal Caretaker	9.42
Carnival Equipment Operator	10.00
Carnival Equipment Repairer	10.46
Carnival Worker	8.25
Cashier	8.28
Desk Clerk	10.13
Embalmer	18.55
Lifeguard	9.03
Mortician	16.57
Park Attendant (Aide)	11.34
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	9.03
Recreation Specialist	14.04
Recycling Worker	10.00
Sales Clerk	9.03
School Crossing Guard (Crosswalk Attendant)	8.25
Sport Official	9.03
Survey Party Chief (Chief of Party)	14.53
Surveying Aide	8.27
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	13.04
Swimming Pool Operator	11.47
Vending Machine Attendant	10.00
Vending Machine Repairer	11.47
Vending Machine Repairer Helper	10.00

Personal Needs Occupations

Child Care Attendant	10.13
Child Care Center Clerk	12.64
Chore Aid	7.67
Homemaker	14.04

Plant and System Operation Occupations

Boiler Tender	19.36
Sewage Plant Operator	18.73
Stationary Engineer	19.36
Ventilation Equipment Tender	16.45
Water Treatment Plant Operator	18.73

Protective Service Occupations

Alarm Monitor	11.72
Corrections Officer	14.88
Court Security Officer	15.21
Detention Officer	14.88
Firefighter	15.37
Guard I	6.78
Guard II	11.72
Police Officer	18.22

Stevedoring/Longshoremen Occupations

Blocker and Bracer	14.18
Hatch Tender	14.18
Line Handler	14.18
Stevedore I	13.54
Stevedore II	14.74

Technical Occupations

Air Traffic Control Specialist, Center (2)	26.07
Air Traffic Control Specialist, Station (2)	17.98
Air Traffic Control Specialist, Terminal (2)	19.79
Archeological Technician I	9.08
Archeological Technician II	10.16
Archeological Technician III	12.58
Cartographic Technician	17.75
Civil Engineering Technician	17.75
Computer Based Training (CBT) Specialist/ Instructor	20.49
Drafter I	9.85
Drafter II	12.04
Drafter III	15.21
Drafter IV	19.39
Engineering Technician I	12.34
Engineering Technician II	13.86
Engineering Technician III	16.02
Engineering Technician IV	18.63
Engineering Technician V	22.41
Engineering Technician VI	26.41
Environmental Technician	16.92
Flight Simulator/Instructor (Pilot)	23.17
Graphic Artist	20.49
Instructor	19.06
Laboratory Technician	14.16
Mathematical Technician	18.63
Paralegal/Legal Assistant I	12.98
Paralegal/Legal Assistant II	16.56
Paralegal/Legal Assistant III	20.27
Paralegal/Legal Assistant IV	24.51
Photooptics Technician	18.63
Technical Writer	20.67
Unexploded (UXO) Safety Escort	16.57
Unexploded (UXO) Sweep Personnel	16.57
Unexploded Ordnance (UXO) Technician I	16.57
Unexploded Ordnance (UXO) Technician II	20.05
Unexploded Ordnance (UXO) Technician III	24.02
Weather Observer, Combined Upper Air and Surface Programs (3)	14.16
Weather Observer, Senior (3)	16.92
Weather Observer, Upper Air (3)	14.16

Transportation/ Mobile Equipment Operation Occupations

Bus Driver	14.04
Parking and Lot Attendant	7.86
Shuttle Bus Driver	9.97
Taxi Driver	9.52
Truckdriver, Heavy Truck	14.68
Truckdriver, Light Truck	9.97
Truckdriver, Medium Truck	14.04
Truckdriver, Tractor-Trailer	17.86

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 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 the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A 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)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

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 CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as 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 employed (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).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard including working with or in close proximity to explosives and incendiary materials involved in research, testing, manufacturing, inspection, renovation, maintenance, and disposal. Such as: Screening, blending, dying, mixing, and pressing of sensitive explosives pyrotechnic compositions such as lead azide, black powder and photoflash power. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive explosives and incendiary materials. All operations involving regarding and clearing of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard. Including working with or in close proximity to explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation and, possibly adjacent employees, irritation of the skin, minor burns and the like; minimal damage to immediate or

adjacent work area or equipment being used.

All operations involving, unloading, storage, and hauling of explosive and incendiary ordnance material other than small arms ammunition. (Distribution of raw nitroglycerine is covered under high degree hazard.)

OCCUPATION NOTES:

Refuse Collector: The rate for the Refuse Collector occupation applies does not apply to Cuyahoga County. See Wage Determination 1966-0048 for the wage rates and fringe benefits for Cuyahoga County.

** 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 $3.35 per week (or $.67 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 Title 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 Third Supplement, dated March 1997, 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.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
26	June 12, 2001	174552 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-1-0-09-2540-1-YST9701-75 204A Obligate $3,000,000
772-20-04-01-2D1-1-0-43-2540-1-FST9701-75 2041 Obligate $ 294,240

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $20,577,568 by $3,294,240 to $23,871,808.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA	16c. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY _____ *(Signature of Contracting Officer)*	June 12, 2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE
		1 of 11

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
25			

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
NASA Lewis Research Center Attn: Mark W. Manthey Services and Construction Branch 21000 Brookpark Road, Mail Stop 500-312 Cleveland, OH 44135-3191	0616/MWM		

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*		9A. AMENDMENT OF SOLICITATION NO.
Call Henry, Inc. 21000 Brookpark Road, MS 107-1 NASA Lewis Research Center Cleveland, OH 44135	☒	9B. DATED *(SEE ITEM 11)* 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030 10B. DATED *(SEE ITEM 13)* January 30, 1998
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: ***Clauses B.3, "Variation in Quantities," H.7, "Observance of Government Holidays," and 52.222-44, "Fair Labor Standards Act and Service Contract Act – Price Adjustment"***
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The contract quantities and prices are changed as detailed on the following pages.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY_____ *(Signature of person authorized to sign)*		BY_____ *(Signature of Contracting Officer)*	

a. In Clause B.2, "QUANTITIES OF SERVICES," the required annual quantities for each Contract Requirement are replaced in their entirety with the quantities listed on pages 6 through 11 of this modification. These new quantities will serve as the baseline for any adjustments made pursuant to clause B.4, "VARIATION IN QUANTITIES," for contract years 3, 4, and 5.

b. In clause B.5, "CONTRACT PRICES," the prices and hourly rates set forth for contract years 3, 4 and 5 are replaced with the prices and rates set forth on pages 3 through 5.

c. The revision to item 1004 of clause B.5 made by item c. in Modification 3 (which revision specified that rates would be increased by [redacted] for every hour ordered after 4,980 hours) is hereby deleted. (b)4

d. Contract Requirement C14-01d, "Building 500 Watchstanding," is hereby deleted retroactive to March 1, 2001.

e. The Statement of Work (SOW) is modified by incorporating the revised PM Checklists attached to this modification retroactive to March 1, 2000. The SOW is further modified by deleting the following contract requirements, also retroactive to March 1, 2000:

C9-05b	Motor Annual PT&I
C11-02a	Crane Monthly PM
C15-18	Water Cooler Semi-annual PM

f. Clause G.6, "LIST OF AVAILABLE INSTALLATION-OWNED PROPERTY AND SERVICES," is hereby revised by adding, as item "F," automotive fuels for contractor-owned vehicles used exclusively in the performance of this contract.

g. Clause H.2, at paragraph (d)(ii)(a), is hereby revised at by deleting the requirement that Unit Priced Tasks be developed using the PULSAR software program.

h. Clause 1852.204-74, "Central Contractor Registration," is hereby added to the list of NASA FAR Supplement clauses incorporated by reference in Section I.1.II of the contract.

i. Attachment J-E.1, "Schedule of Deductions," is replaced with the enclosed new attachment of the same title.

j. The payment of the amounts due to the contractor as a result of Modification 15 were/are payable, upon the contractor's submittal of an invoice, in two installments as follows:

October 1, 2000	$100,000
March 1, 2001	$146,163

k. The price changes made by this modification are summarized below.

Description	Year 3	Year 4	Year 5	TOTAL
"Re-Scope"	-$121,051	-$123,061	-$131,177	($375,289)
Delete Watchstanding	[redacted]			
IBEW Wage Increase	$39,050	$73,437	$108,454	$220,941
TOTAL	[redacted]			

(b)4

B.5 CONTRACT PRICES

Contract Year 3

3001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$107,598	$1,291,176
C8	Life Safety Systems	$50,820	$609,845
C9	Electrical Distribution Systems	$132,874	$1,594,490
C10	Communications Systems	$0	$0
C11	Personnel and Material Handling Systems	$24,194	$157,721
C12	Surfaced Areas	$38,992	$467,907
C13	Buildings and Structures	$ 155	$1,856
C14	Heating Plants	$106,350	$1,275,365
C15	HVAC, Refrigeration, Energy Management and Control Systems	$95,178	$1,137,257
C16	Utility Distribution Systems	$10,888	$130,657
C17	Maintenance Related Environmental Services	$ 272	$3,261
	TOTAL PRICE FOR CONTRACT LINE ITEM 3001		$6,669,535

ITEM 3002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
[redacted]				

(b)4

ITEM 3003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS		UNIT PRICE/HR		TOTAL PRICE
3003AA	*Craftsman*	[redacted]	HR	X	[redacted]	=	[redacted]
3003AB	*Helper, Maintenance Trades*		HR	X		=	
3003AC	*Laborer*		HR	X		=	
3003AD	*Electrical - high voltage*		HR	X		=	
3003AE	*Groundskeeper*		HR	X		=	
3003AF	*Groundskeeper, Lead*		HR	X		=	
3003AG	*Equipment Operator*		HR	X		=	
3003AH	*General Maintenance*		HR	X		=	
3003AI	*Supervisor*		HR	X		=	
3003BA	Material		EA	X	%	=	
3003CA	Equipment		EA	X	%	=	
	TOTAL PRICE, LINE ITEM 3003						$1,337,419

(b)4

TOTAL PRICE FOR YEAR 3 (Items 3001 + 3002 + 3003)	$8,118,224

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	[redacted]	[redacted]	[redacted]
Helper, Maintenance Trades			
Laborer			
Electrical - high voltage			
Groundskeeper			
Groundskeeper, Lead			
Equipment Operator			
General Maintenance			
Supervisor			

(b)4

Contract Year 4

4001 FIRM FIXED-PRICE WORK:	$/Month	Price/Year
C5 Trouble Calls	$107,660	$1,291,916
C8 Life Safety Systems	$51,898	$622,775
C9 Electrical Distribution Systems	$142,354	$1,708,248
C10 Communications Systems	$0	$0
C11 Personnel and Material Handling Systems	$13,518	$162,215
C12 Surfaced Areas	$39,143	$469,718
C13 Buildings and Structures	$ 159	$1,907
C14 Heating Plants	$80,851	$970,206
C15 HVAC, Refrigeration, Energy Management and Control Systems	$97,408	$1,168,896
C16 Utility Distribution Systems	$11,203	$134,430
C17 Maintenance Related Environmental Services	$ 272	$3,264
TOTAL PRICE FOR CONTRACT LINE ITEM 4001		$6,533,575

ITEM 4002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
[redacted]		[redacted]	[redacted]	(b)4

ITEM 4003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS		UNIT PRICE/HR		TOTAL PRICE
4003AA	*Craftsman*		HR	X		=	$
4003AB	*Helper, Maintenance Trades*		HR	X		=	
4003AC	*Laborer*		HR	X		=	
4003ADa	*Hi-voltage Electric Shift 1*		HR	X		=	$
4003ADb	*Hi-voltage Electric Shift 2*		HR	X		=	
4003ADc	*Hi-voltage Electric Shift 3*		HR	X		=	
4003AE	*Groundskeeper*		HR	X		=	
4003AF	*Groundskeeper, Lead*		HR	X		=	
4003AG	*Equipment Operator*		HR	X		=	
4003AH	*General Maintenance*		HR	X		=	
4003AI	*Supervisor*		HR	X		=	
4003BA	Material		EA	X		=	
4003CA	Equipment		EA	X		=	
	TOTAL PRICE, LINE ITEM 4003						$1,469,458

(b)4

TOTAL PRICE FOR YEAR 4 (Items 4001 + 4002 + 4003)	$8,033,033

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	[redacted]	$	$
Helper, Maintenance Trades		$	$
Laborer		$	$
Electrical - high voltage		$	$
Groundskeeper	$	$	$
Groundskeeper, Lead	$	$	$
Equipment Operator	$	$	$
General Maintenance		$	$
Supervisor	$	$	$

(b)4

Contract Year 5

5001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$107,722	$1,292,668
C8	Life Safety Systems	$52,936	$635,226
C9	Electrical Distribution Systems	$152,435	$1,829,225
C10	Communications Systems	$ 0	$0
C11	Personnel and Material Handling Systems	$13,869	$166,430
C12	Surfaced Areas	$43,144	$517,723
C13	Buildings and Structures	$ 163	$1,954
C14	Heating Plants	$85,835	$1,030,025
C15	HVAC, Refrigeration, Energy Management and Control Systems	$99,955	$1,199,461
C16	Utility Distribution Systems	$11,496	$137,946
C17	Maintenance Related Environmental Services	$ 272	$3,263
	TOTAL PRICE FOR CONTRACT LINE ITEM 5001		$6,813,921

ITEM 5002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
[redacted]		[redacted]	[redacted]	(b)4

ITEM 5003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS		UNIT PRICE/HR		TOTAL PRICE
5003AA	*Craftsman*		HR	X		=	$
5003AB	*Helper, Maintenance Trades*		HR	X		=	
5003AC	*Laborer*		HR	X		=	
5003ADa	*Hi-voltage Electric Shift 1*		HR	X		=	$
5003ADb	*Hi-voltage Electric Shift 2*		HR	X		=	
5003ADc	*Hi-voltage Electric Shift 3*		HR	X		=	
5003AE	*Groundskeeper*		HR	X		=	
5003AF	*Groundskeeper, Lead*		HR	X		=	
5003AG	*Equipment Operator*		HR	X		=	
5003AH	*General Maintenance*		HR	X		=	
5003AI	*Supervisor*		HR	X		=	
5003BA	Material		EA	X		=	
5003CA	Equipment		EA	X		=	
	TOTAL PRICE, LINE ITEM 5003						$1,511,611

(b)4

TOTAL PRICE FOR YEAR 5 (Items 5001 + 5002 + 5003)	$8,355,532

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	[redacted]	$	$
Helper, Maintenance Trades		$	$
Laborer		$	$
Electrical - high voltage		$	$
Groundskeeper	$ [redacted]	$	$
Groundskeeper, Lead	$ [redacted]	$	$
Equipment Operator	$ [redacted]	$	$
General Maintenance	[redacted]	$	$
Supervisor	$ [redacted]	$	$

(b)4

SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 3

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C5	TROUBLE CALLS	$	[redacted]
C8	LIFE SAFETY SYSTEMS		[redacted]
C8-00a	ADT System Operation	$	
C8-00b	Life Safety Systs Operations	$	
C8-01a	Smoke Detection & Bldg. Evacuation Systs Semi-Annual PM	$	
C8-01b	Smoke Detection & Bldg. Evacuation Systs Annual PM	$	
C8-02	ADT System Semi-Annual PM	$	
C8-03	Combustible Gas Monitoring Systs Semi-Annual PM	$	
C8-04a	Low Oxygen & Toxic Gas Sensors Monthly PM	$	
C8-04b	Low Oxygen & Toxic Gas Sensors Semi-Annual PM	$	
C8-05	Emergency & Exit Lighting Systs Annual PM	$	
C8-05a	Emergency & Exit Lighting Systs Monthly PM	$	
C8-06a	Automatic Sprinkler & Standpipe Systs Monthly PM	$	
C8-06b	Automatic Sprinkler & Standpipe Systs Quarterly PM	$	
C8-06c	Automatic Sprinkler & Standpipe Systs Triennial PGM	$	
C8-06d	Automatic Sprinkler & Standpipe / Hose Cabinets Systs Five Year PGM	$	
C8-07	CO2 Extinguishing Systs Annual PM	$	
C8-08a	Hood Systs Semi-Annual PM	$	
C8-08b	Hood Systs Annual PM	$	
C8-09	Halon 1301 Extinguishing Systs Annual PM	$	
C8-10a	AFFF System Quarterly PM	$	
C8-10b	AFFF System Annual PM	$	
C8-11a	Fire Pumps Weekly PM	$	
C8-11b	Fire Pumps Annual PM	$	
C8-12	Fire Hydrants Annual PM	$	
C8-12b	Fire Hydrant Biennieal PM	$	
C8-13a	Fire Extinguishers Monthly PM	$	
C8-13b	Fire Extinguishers Annual PM	$	
C8-13c	Fire Extinguishers Five Year PGM	$	
C8-13d	Fire Extinguishers 6 Year PGM	$	
C8-13e	Fire Extinguishers Twelve Year PGM	$	
C8-14a	Emergency Generators Bldgs 14 & 21 Weekly PM	$	
C8-14b	Emergency Generators Monthly PM	$	
C8-14c	Emergency Generators Annual PM	$	
C8-15	Access Control Systs Semi-Annual PM	$	
C8-16	Intrusion Detection System Semi-Annual PM	$	
C8-99	Maint. & Production of Life Safety System Records & Reports	$	

(b) 4

SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 3

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C9	ELECTRICAL DISTRIBUTION Systs		[redacted]
C9-00c	HV Substation Nitrogen Systs	$	
C9-01	Low Voltage Circuit Breaker Triennial PGM.	$	
C9-02	Grounding Systs (Fuel Areas) Annual PM.	$	
C9-03	Grounding Systs Five Year PGM.	$	
C9-04a	Low Voltage Distribution System Thermography PT&I, Five Year PGM.	$	
C9-04b	Low Voltage Distribution System Five Year PGM.	$	
C9-05a	Motor Annual PM.	$	
C9-05b	Motor Annual PT&I.	$	
C9-06	Cathodic Protection Annual PM.	$	
C9-7a	Portable Generator Monthly PM.	$	
C9-7b	Portable Generator Annual PM.	$	
C9-8a	UPS/Battery Quarterly PM.	$	
C9-8b	UPS/Battery Annual PM.	$	
C9-8c	UPS/Battery Thermography Annual	$	
C9-9a	Autotransfer Switch Annual PM	$	
C9-10	Lighting 5 Year PGM.	$	
C9-11a	HV Substation Transformer Annual PM.	$	
C9-11a(1)	HV Dry Transformer Biennial PM	$	
C9-11a(2)	HV Unit-Sub/Bldg Transformer Annual PM	$	
C9-11b	HV Unit Sub/Bldg. Transformer 2.4 Kv Annual PT & I		
C9-11b(1)	HV Substation Transfer Triennial PT&I	$	
C9-11b(2)	HV Dry Transformer 4 year PGM	$	
C9-12a	HV Oil/SF6Circuit Breaker Annual PM.	$	
C9-12b	HV Oil Circuit Breaker Triennial PGM	$	
C9-13a	HV Air/Vacuum Circuit Breaker Biennial PM.	$	
C9-13b	HV Air/Vacuum Circuit Breaker 4 Year PGM	$	
C9-14	HV Disconnect Switch Annual PM.		
C9-14a	HV Substation 138 Kv Disconnect Annual PT&I	$	
C9-14b	HV Substation 34.5 Kv Disconnect Annual PT&I	$	
C9-14c	HV Substation 138 Kv Disconnect Triennial PGM	$	
C9-14d	HV Substation 34.5 Kv Disconnect Triennial PGM (OT)	$	
C9-14e	HV Substation 2.4 kV Disconnect (OT)	$	
C9-15a	HV Substation Battery Monthly PM.	$	
C9-15b	HV Substation Battery Quarterly PM.	$	
C9-15c	HV Substation Battery Annual PM	$	
C9-15d	HV Substation Battery Annual PT&I	$	
C9-16	HV Capacitor Annual PM.		
C9-16a	HV Capacitor Annual PT&I	$	
C9-16b	HV Capacitor Biennial PT&I	$	
C9-17	HV System Protective Relays Triennial PGM.	$	
C9-17b	HV System Protective Relays Buildings Annual PM	$	
C9-18	HV Sectionalizing Box Annual PM.	$	
C9-19	HV Current Limiting Reactor Annual	$	
C9-20a	HV Substation Quarterly PM.	$	
C9-20b	HV Substation Annual PT&I	$	
C9-21	HV System Manhols Annual PT&I	$	
C9-22	HV Voltage Regulator Annual PM.	$	
C9-23	HV Load Tap Changers Annual PM.		
C9-23a	HV Load Tap Chargers Annual PM	$	

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 3

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C9-23b	HV Load Tap Chargers Triennial PM		
C9-24	HV Arrestors/Insulators 5 Yr PGM		
C9-24a	HV Arrestors/Insulators Annual PM		
C9-24b	HV Arrestors/Insulators Triennial PGM		
C9-25	HV Grounding Transformers/Resistors Annual PM		
C9-99	Maint. & Production of Electrical Distribution System Records & Reports		
C11	**PERSONNEL & MTL HANDLING SYS**		[redacted]
C11-00	Elevator Fire Service Check Monthly		
C11-01a	Elevator Monthly PM (Bldg. 110, Unit		
C11-01b	Elevator Quarterly PM.		
C11-01c	Elevator Load Test & No Load Test Annual PM		
C11-01d	Elevator Full Load Test 5 Year PGM		
C11-02a	Crane Monthly PM.		
C11-02b	Crane Annual PM.		
C11-02c	Crane Load Test 4 Year PGM		
C11-03	Hoists Annual PM.		
C11-04	Overhead Doors Annual PM.		
C11-05	Slings 4 Year PGM.		
C11-06	Rescue Lines Annual PM.		
C13	**BLDGS & STRUCTURES**		[redacted]
C13-01	Handicap Door Annual PM.		
C14	**HEATING PLANTS**		
C14-01a	Steam Generation.		
C14-01b	Boiler Water Sampling & Testing		
C14-01c	Fuel Oil Handling, Tank Monitoring & Sampling		
C14-01d	Operate Steam Plant Bldg 500		
C14-02a	Boiler Monthly PM		
C14-02b	Boiler Annual PM.		
C14-02c	Boiler Annual Certification		
C14-03	Pump Annual PM		
C14-04b	Air Compressor Annual PM		
C14-05	Control Panel Annual PM		
C14-06	Relief Valve Annual PM		
C14-07	Transmitter Annual PM		
C14-08	Valve Annual PM		
C14-09	Steam Trap Annual PM		
C14-10	Water Tank Annual PM		
C14-11	Fuel Oil Storage Tank 4 Year PGM.		
C14-12	Steam Turbine Annual PM		
C14-14	Burner, Oil Annual PM		
C14-16a	Forced/Induced Draft Fan Quarterly PM		
C14-16b	Forced/Induced Draft Fan Annual PM		
C14-17	Pump, Sump Annual PM		
C14-19	Chemical Feed System Annual PM.		
C14-20a	Water Softener Quarterly PM		
C14-20b	Water Softener Annual PM		
C14-99	Maint. & Production of Heating Plant System Records & Reports		
C15	**HVAC, REFRIG, & ENERGY MGMT CONTROL SYSTEM**		
C15-01a	Split System AC/Condensing Unit Semi Annual PM		
C15-02a	Package Air Conditioner Semi-Annual PM		
C15-03a	Rotary Screw Chiller Monthly PM		
C15-03b	Rotary Screw Chiller Quarterly PM		

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 3

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C15-03c	Rotary Screw Chiller Annual PM	$	
C15-03d	Rotary Screw Chiller Annual PT&I	$	
C15-04a	Air Handling Unit Semi-Annual PM	$	
C15-04b	Air Handling Unit Annual PM	$	
C15-05a	Fan Coil Unit Semi-Annual PM	$	
C15-06	Chemical Feed System Annual PM	$	
C15-07a	Control Air System Annual PM	$	
C15-08a	Centrifugal Chiller Monthly PM	$	
C15-08b	Centrifugal Chiller Semi-Annual PM	$	
C15-08c	Centrifugal Chiller Annual PM	$	
C15-08d	Centrifugal Chiller Annual PT&I	$	
C15-09	Control Air Dryer Semi-Annual PM	$	
C15-10a	Exhaust Fan/Blower Semi-Annual PM	$	
C15-10b	Make-Up Fan Annual PM	$	
C15-11	Forced Air Heater Semi-Annual PM	$	
C15-12	Package AC W/Gas Heat Semi-Annual PM	$	
C15-13	Refrigerator/Freezer Semi-Annual PM	$	
C15-14	Beverage/Dairy Dispenser/Cooler Semi-Annual PM	$	
C15-15	Salad Cooler Semi-Annual PM	$	
C15-16	Refrigerated Food Display Case Semi-Annual PM	$	
C15-17	Ice Machine Semi-Annual PM	$	
C15-18	Water Cooler Semi-Annual PM		
C15-19	Window Air Conditioner Annual PM	$	
C15-20a	Heat Exchanger Semi-Annual PM	$	
C15-21	Glycol AC System Semi-Annual PM	$	
C15-22	Fume/Lab Exhaust Hood Semi-Annual PM	$	
C15-23	Mobile Refrigerant Reclaimer Annual	$	
C15-24	Humidification Systs Annual PM	$	
C15-25	Pumps Annual PM	$	
C15-26	Valves Annual PM	$	
C15-27a	Cooling Tower Monthly PM	$	
C15-27b	Cooling Tower Annual PM	$	
C15-28	Energy Mgt Control System (EMCS) Annual PM	$	
C15-29	Pneumatic Panel Annual PM	$	
C15-30	VAV Box Semi-annual PM	$	
C15-31a	Reciprocating Chiller Monthly PM	$	
C15-31b	Reciprocating Chiller Semi-Annual PM	$	
C15-31c	Reciprocating Chiller Annual PM	$	
C15-31d	Reciprocating Chiller PT&I	$	
C15-32	Chiller Water Facilities Operations	$	
C15-33	Cooling Tower Operations	$	
C15-34	Panel Reading & Recording Monthly	$	
C15-35	EMCS Operations	$	
C15-36	Refrigerant Useage Recording	$	
C15-99	Maint. & Production of HVAC Systs Records & Reports	$	
C16	UTILITY DISTRIBUTION SYS		
C16-01	Air Compressor Annual PM.	$	
C16-02	Natural Gas Valve Annual PM.	$	
C16-03	Backflow Preventer Annual PM.	$	
C16-04	Pump Annual PM.	$	
C16-05	Steam Trap Annual PM.	$	
C16-06	Pump, Sump Annual PM.	$	
C16-07	Sewage Pumping Operation	$	
C16-08	Waste Basin Fac Ops	$	
C16-09	Wast Basin Fac Semi-Annual PM	$	
C16-99	Maint. & Production of Utility Systs Records & Reports	$	

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 3

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C17	MAINT. RELATED ENVIRON SVCS		
C17-99	Maint. & Production of Maint. Related Environmental Services Records & Reports	$ [redacted]	$ [redacted]
Total			$6,669,538

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 4

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C5	TROUBLE CALLS	$	$ [redacted]
C8	LIFE SAFETY SYSTEMS		$
C8-00a	ADT System Operation	$	
C8-00b	Life Safety Systs Operations	$	
C8-01a	Smoke Detection & Bldg. Evacuation Systs Semi-Annual PM	$	
C8-01b	Smoke Detection & Bldg. Evacuation Systs Annual PM	$	
C8-02	ADT System Semi-Annual PM	$	
C8-03	Combustible Gas Monitoring Systs Semi-Annual PM	$	
C8-04a	Low Oxygen & Toxic Gas Sensors Monthly PM	$	
C8-04b	Low Oxygen & Toxic Gas Sensors Semi-Annual PM	$	
C8-05	Emergency & Exit Lighting Systs Annual PM	$	
C8-05a	Emergency & Exit Lighting Systs Monthly PM	$	
C8-06a	Automatic Sprinkler & Standpipe Systs Monthly PM	$	
C8-06b	Automatic Sprinkler & Standpipe Systs Quarterly PM	$	
C8-06c	Automatic Sprinkler & Standpipe Systs Triennial PGM	$	
C8-06d	Automatic Sprinkler & Standpipe / Hose Cabinets Systs Five Year	$	
C8-07	CO2 Extinguishing Systs Annual	$	
C8-08a	Hood Systs Semi-Annual PM	$	
C8-08b	Hood Systs Annual PM	$	
C8-09	Halon 1301 Extinguishing Systs Annual PM	$	
C8-10a	AFFF System Quarterly PM	$	
C8-10b	AFFF System Annual PM	$	
C8-11a	Fire Pumps Weekly PM	$	
C8-11b	Fire Pumps Annual PM	$	
C8-12	Fire Hydrants Annual PM	$	
C8-12b	Fire Hydrant Biennieal PM	$	
C8-13a	Fire Extinguishers Monthly PM	$	
C8-13b	Fire Extinguishers Annual PM	$	
C8-13c	Fire Extinguishers Five Year PGM	$	
C8-13d	Fire Extinguishers 6 Year PGM	$	
C8-13e	Fire Extinguishers Twelve Year	$	
C8-14a	Emergency Generators Bldgs 14 & 21 Weekly PM	$	
C8-14b	Emergency Generators Monthly PM	$	
C8-14c	Emergency Generators Annual PM	$	
C8-15	Access Control Systs Semi-Annual PM	$	
C8-16	Intrusion Detection System Semi-Annual PM	$	
C8-99	Maint. & Production of Life Safety System Records & Reports	$	

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 4

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
			[redacted]
C9	ELECTRICAL DISTRIBUTION		
C9-00c	HV Substation Nitrogen Systs	$	
C9-01	Low Voltage Circuit Breaker Triennial PGM.	$	
C9-02	Grounding Systs (Fuel Areas) Annual PM.	$	
C9-03	Grounding Systs Five Year PGM.	$	
C9-04a	Low Voltage Distribution System Thermography PT&I, Five Year	$	
C9-04b	Low Voltage Distribution System Five Year PGM.	$	
C9-05a	Motor Annual PM.	$	
C9-05b	Motor Annual PT&I.	$	
C9-06	Cathodic Protection Annual PM.	$	
C9-7a	Portable Generator Monthly PM.	$	
C9-7b	Portable Generator Annual PM.	$	
C9-8a	UPS/Battery Quarterly PM.	$	
C9-8b	UPS/Battery Annual PM.	$	
C9-8c	UPS/Battery Thermography Annual PT&I	$	
C9-9a	Autotransfer Switch Annual PM	$	
C9-10	Lighting 5 Year PGM.	$	
C9-11a	HV Substation Transformer Annual PM.	$	
C9-11a(1)	HV Dry Transformer Biennial PM	$	
C9-11a(2)	HV Unit-Sub/Bldg Transformer Annual PM	$	
C9-11b	HV Unit Sub/Bldg. Transformer 2.4 Kv Annual PT & I		
C9-11b(1)	HV Substation Transfer Triennial PT&I		
C9-11b(2)	HV Dry Transformer 4 year PGM		
C9-12a	HV Oil/SF6Circuit Breaker Annual PM.		
C9-12b	HV Oil Circuit Breaker Triennial		
C9-13a	HV Air/Vacuum Circuit Breaker Biennial PM.		
C9-13b	HV Air/Vacuum Circuit Breaker 4 Year PGM	$	
C9-14	HV Disconnect Switch Annual PM.		
C9-14a	HV Substation 138 Kv Disconnect Annual PT&I	$	
C9-14b	HV Substation 34.5 Kv Disconnect Annual PT&I	$	
C9-14c	HV Substation 138 Kv Disconnect Triennial PGM	$	
C9-14d	HV Substation 34.5 Kv Disconnect Triennial PGM (OT)	$	
C9-14e	HV Substation 2.4 kV Disconnect (OT)	$	
C9-15a	HV Substation Battery Monthly PM.	$	
C9-15b	HV Substation Battery Quarterly	$	
C9-15c	HV Substation Battery Annual PM	$	
C9-15d	HV Substation Battery Annual PT&I	$	
C9-16	HV Capacitor Annual PM.		
C9-16a	HV Capacitor Annual PT&I	$	
C9-16b	HV Capacitor Biennial PT&I	$	
C9-17	HV System Protective Relays Triennial PGM.	$	
C9-17b	HV System Protective Relays Buildings Annual PM	$	
C9-18	HV Sectionalizing Box Annual PM.	$	

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 4

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C9-19	HV Current Limiting Reactor Annual PM.	$	
C9-20a	HV Substation Quarterly PM.	$	
C9-20b	HV Substation Annual PT&I	$	
C9-21	HV System Manhols Annual PT&I	$	
C9-22	HV Voltage Regulator Annual PM.	$	
C9-23	HV Load Tap Changers Annual PM.		
C9-23a	HV Load Tap Chargers Annual PM	$	
C9-23b	HV Load Tap Chargers Triennial	$	
C9-24	HV Arrestors/Insulators 5 Yr PGM	$	
C9-24a	HV Arrestors/Insulators Annual PM		
C9-24b	HV Arrestors/Insulators Triennial PGM		
C9-25	HV Grounding Transformers/Resistors Annual PM	$	
C9-99	Maint. & Production of Electrical Distribution System Records & Reports	$	
C11	PERSONNEL & MTL HANDLING SYS		
C11-00	Elevator Fire Service Check Monthly PM	$	
C11-01a	Elevator Monthly PM (Bldg. 110, Unit #3).	$	
C11-01b	Elevator Quarterly PM.	$	
C11-01c	Elevator Load Test & No Load Test Annual PM	$	
C11-01d	Elevator Full Load Test 5 Year PGM	$	
C11-02a	Crane Monthly PM.		
C11-02b	Crane Annual PM.	$	
C11-02c	Crane Load Test 4 Year PGM	$	
C11-03	Hoists Annual PM.	$	
C11-04	Overhead Doors Annual PM.	$	
C11-05	Slings 4 Year PGM.	$	
C11-06	Rescue Lines Annual PM.	$	
C13	BLDGS & STRUCTURES		
C13-01	Handicap Door Annual PM.	$	
C14	HEATING PLANTS		
C14-01a	Steam Generation.	$	
C14-01b	Boiler Water Sampling & Testing	$	
C14-01c	Fuel Oil Handling, Tank Monitoring & Sampling	$	
C14-01d	Operate Steam Plant Bldg 500		
C14-02a	Boiler Monthly PM	$	
C14-02b	Boiler Annual PM.	$	
C14-02c	Boiler Annual Certification	$	
C14-03	Pump Annual PM	$	
C14-04b	Air Compressor Annual PM	$	
C14-05	Control Panel Annual PM	$	
C14-06	Relief Valve Annual PM	$	
C14-07	Transmitter Annual PM	$	
C14-08	Valve Annual PM	$	
C14-09	Steam Trap Annual PM	$	
C14-10	Water Tank Annual PM	$	
C14-11	Fuel Oil Storage Tank 4 Year PGM.	$	
C14-12	Steam Turbine Annual PM	$	
C14-14	Burner, Oil Annual PM	$	
C14-16a	Forced/Induced Draft Fan Quarterly PM	$	

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 4

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C14-16b	Forced/Induced Draft Fan Annual	$	
C14-17	Pump, Sump Annual PM	$	
C14-19	Chemical Feed System Annual PM.	$	
C14-20a	Water Softener Quarterly PM	$	
C14-20b	Water Softener Annual PM	$	
C14-99	Maint. & Production of Heating Plant System Records & Reports	$	
C15	HVAC, REFRIG, & ENERGY MGMT CONTROL SYSTEM		$ [redacted]
C15-01a	Split System AC/Condensing Unit Semi-Annual PM	$	
C15-02a	Package Air Conditioner Semi-Annual PM	$	
C15-03a	Rotary Screw Chiller Monthly PM	$	
C15-03b	Rotary Screw Chiller Quarterly PM	$	
C15-03c	Rotary Screw Chiller Annual PM	$	
C15-03d	Rotary Screw Chiller Annual PT&I	$	
C15-04a	Air Handling Unit Semi-Annual PM	$	
C15-04b	Air Handling Unit Annual PM	$	
C15-05a	Fan Coil Unit Semi-Annual PM	$	
C15-06	Chemical Feed System Annual PM	$	
C15-07a	Control Air System Annual PM	$	
C15-08a	Centrifugal Chiller Monthly PM	$	
C15-08b	Centrifugal Chiller Semi-Annual PM	$	
C15-08c	Centrifugal Chiller Annual PM	$	
C15-08d	Centrifugal Chiller Annual PT&I	$	
C15-09	Control Air Dryer Semi-Annual PM	$	
C15-10a	Exhaust Fan/Blower Semi-Annual PM	$	
C15-10b	Make-Up Fan Annual PM	$	
C15-11	Forced Air Heater Semi-Annual PM	$	
C15-12	Package AC W/Gas Heat Semi-Annual PM	$	
C15-13	Refrigerator/Freezer Semi-Annual	$	
C15-14	Beverage/Dairy Dispenser/Cooler Semi-Annual PM	$	
C15-15	Salad Cooler Semi-Annual PM	$	
C15-16	Refrigerated Food Display Case Semi-Annual PM	$	
C15-17	Ice Machine Semi-Annual PM	$	
C15-18	Water Cooler Semi-Annual PM		
C15-19	Window Air Conditioner Annual PM	$	
C15-20a	Heat Exchanger Semi-Annual PM	$	
C15-21	Glycol AC System Semi-Annual PM	$	
C15-22	Fume/Lab Exhaust Hood Semi-Annual PM	$	
C15-23	Mobile Refrigerant Reclaimer Annual PM	$	
C15-24	Humidification Systs Annual PM	$	
C15-25	Pumps Annual PM	$	
C15-26	Valves Annual PM	$	
C15-27a	Cooling Tower Monthly PM	$	
C15-27b	Cooling Tower Annual PM	$	
C15-28	Energy Mgt Control System (EMCS) Annual PM	$	
C15-29	Pneumatic Panel Annual PM	$	
C15-30	VAV Box Semi-annual PM	$	
C15-31a	Reciprocating Chiller Monthly PM	$	
C15-31b	Reciprocating Chiller Semi-Annual PM	$	
C15-31c	Reciprocating Chiller Annual PM	$	

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 4

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C15-31d	Reciprocating Chiller PT&I	$	
C15-32	Chiller Water Facilities Operations	$	
C15-33	Cooling Tower Operations	$	
C15-34	Panel Reading & Recording Monthly	$	
C15-35	EMCS Operations	$	
C15-36	Refrigerant Useage Recording	$	
C15-99	Maint. & Production of HVAC Systs Records & Reports	$	
C16	UTILITY DISTRIBUTION SYS		
C16-01	Air Compressor Annual PM.	$	
C16-02	Natural Gas Valve Annual PM.	$	
C16-03	Backflow Preventer Annual PM.	$	
C16-04	Pump Annual PM.	$	
C16-05	Steam Trap Annual PM.	$	
C16-06	Pump, Sump Annual PM.	$	
C16-07	Sewage Pumping Operation	$	
C16-08	Waste Basin Fac Ops	$	
C16-09	Wast Basin Fac Semi-Annual PM	$	
C16-99	Maint. & Production of Utility Systs Records & Reports	$	
C17	MAINT. RELATED ENVIRON		
C17-99	Maint. & Production of Maint. Related Environmental Services Records & Reports	$	$ [redacted]
Total			$6,533,576

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SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 5

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C5	TROUBLE CALLS	$	[redacted]
C8	LIFE SAFETY SYSTEMS		[redacted]
C8-00a	ADT System Operation	$	
C8-00b	Life Safety Systs Operations	$	
C8-01a	Smoke Detection & Bldg. Evacuation Systs Semi-Annual PM	$	
C8-01b	Smoke Detection & Bldg. Evacuation Systs Annual PM	$	
C8-02	ADT System Semi-Annual PM	$	
C8-03	Combustible Gas Monitoring Systs Semi-Annual PM	$	
C8-04a	Low Oxygen & Toxic Gas Sensors Monthly PM	$	
C8-04b	Low Oxygen & Toxic Gas Sensors Semi-Annual PM	$	
C8-05	Emergency & Exit Lighting Systs Annual PM	$	
C8-05a	Emergency & Exit Lighting Systs Monthly PM	$	
C8-06a	Automatic Sprinkler & Standpipe Systs Monthly PM	$	
C8-06b	Automatic Sprinkler & Standpipe Systs Quarterly PM	$	
C8-06c	Automatic Sprinkler & Standpipe Systs Triennial PGM	$	
C8-06d	Automatic Sprinkler & Standpipe / Hose Cabinets Systs Five Year	$	
C8-07	CO2 Extinguishing Systs Annual	$	
C8-08a	Hood Systs Semi-Annual PM	$	
C8-08b	Hood Systs Annual PM	$	
C8-09	Halon 1301 Extinguishing Systs Annual PM	$	
C8-10a	AFFF System Quarterly PM	$	
C8-10b	AFFF System Annual PM	$	
C8-11a	Fire Pumps Weekly PM	$	
C8-11b	Fire Pumps Annual PM	$	
C8-12	Fire Hydrants Annual PM	$	
C8-12b	Fire Hydrant Biennieal PM	$	
C8-13a	Fire Extinguishers Monthly PM	$	
C8-13b	Fire Extinguishers Annual PM	$	
C8-13c	Fire Extinguishers Five Year PGM	$	
C8-13d	Fire Extinguishers 6 Year PGM	$	
C8-13e	Fire Extinguishers Twelve Year	$	
C8-14a	Emergency Generators Bldgs 14 & 21 Weekly PM	$	
C8-14b	Emergency Generators Monthly PM	$	
C8-14c	Emergency Generators Annual PM	$	
C8-15	Access Control Systs Semi-Annual PM	$	
C8-16	Intrusion Detection System Semi-Annual PM	$	
C8-99	Maint. & Production of Life Safety System Records & Reports	$	

(D) 4

SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 5

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
			[redacted]
C9	ELECTRICAL DISTRIBUTION		
C9-00c	HV Substation Nitrogen Systs	$	
C9-01	Low Voltage Circuit Breaker Triennial PGM.	$	
C9-02	Grounding Systs (Fuel Areas) Annual PM.	$	
C9-03	Grounding Systs Five Year PGM.	$	
C9-04a	Low Voltage Distribution System Thermography PT&I, Five Year	$	
C9-04b	Low Voltage Distribution System Five Year PGM.	$	
C9-05a	Motor Annual PM.	$	
C9-05b	Motor Annual PT&I.	$	
C9-06	Cathodic Protection Annual PM.	$	
C9-7a	Portable Generator Monthly PM.	$	
C9-7b	Portable Generator Annual PM.	$	
C9-8a	UPS/Battery Quarterly PM.	$	
C9-8b	UPS/Battery Annual PM.	$	
C9-8c	UPS/Battery Thermography Annual PT&I	$	
C9-9a	Autotransfer Switch Annual PM	$	
C9-10	Lighting 5 Year PGM.	$	
C9-11a	HV Substation Transformer Annual PM.	$	
C9-11a(1)	HV Dry Transformer Biennial PM	$	
C9-11a(2)	HV Unit-Sub/Bldg Transformer Annual PM	$	
C9-11b	HV Unit Sub/Bldg. Transformer 2.4 Kv Annual PT & I		
C9-11b(1)	HV Substation Transfer Triennial PT&I	$	
C9-11b(2)	HV Dry Transformer 4 year PGM	$	
C9-12a	HV Oil/SF6Circuit Breaker Annual PM.	$	
C9-12b	HV Oil Circuit Breaker Triennial	$	
C9-13a	HV Air/Vacuum Circuit Breaker Biennial PM.	$	
C9-13b	HV Air/Vacuum Circuit Breaker 4 Year PGM	$	
C9-14	HV Disconnect Switch Annual PM.		
C9-14a	HV Substation 138 Kv Disconnect Annual PT&I	$	
C9-14b	HV Substation 34.5 Kv Disconnect Annual PT&I	$	
C9-14c	HV Substation 138 Kv Disconnect Triennial PGM	$	
C9-14d	HV Substation 34.5 Kv Disconnect Triennial PGM (OT)	$	
C9-14e	HV Substation 2.4 kV Disconnect (OT)	$	
C9-15a	HV Substation Battery Monthly PM.	$	
C9-15b	HV Substation Battery Quarterly	$	
C9-15c	HV Substation Battery Annual PM	$	
C9-15d	HV Substation Battery Annual PT&I	$	
C9-16	HV Capacitor Annual PM.		
C9-16a	HV Capacitor Annual PT&I	$	
C9-16b	HV Capacitor Biennial PT&I	$	
C9-17	HV System Protective Relays Triennial PGM.	$	
C9-17b	HV System Protective Relays Buildings Annual PM	$	
C9-18	HV Sectionalizing Box Annual PM.	$	

(b) 4

SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 5

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C9-19	HV Current Limiting Reactor Annual PM.	$	
C9-20a	HV Substation Quarterly PM.	$	
C9-20b	HV Substation Annual PT&I	$	
C9-21	HV System Manhols Annual PT&I	$	
C9-22	HV Voltage Regulator Annual PM.	$	
C9-23	HV Load Tap Changers Annual PM.		
C9-23a	HV Load Tap Chargers Annual PM	$	
C9-23b	HV Load Tap Chargers Triennial	$	
C9-24	HV Arrestors/Insulators 5 Yr PGM	$	
C9-24a	HV Arrestors/Insulators Annual PM		
C9-24b	HV Arrestors/Insulators Triennial PGM		
C9-25	HV Grounding Transformers/Resistors Annual PM	$	
C9-99	Maint. & Production of Electrical Distribution System Records & Reports	$	
C11	PERSONNEL & MTL HANDLING SYS		
C11-00	Elevator Fire Service Check Monthly PM	$	
C11-01a	Elevator Monthly PM (Bldg. 110, Unit #3).	$	
C11-01b	Elevator Quarterly PM.	$	
C11-01c	Elevator Load Test & No Load Test Annual PM	$	
C11-01d	Elevator Full Load Test 5 Year PGM	$	
C11-02a	Crane Monthly PM.		
C11-02b	Crane Annual PM.	$	
C11-02c	Crane Load Test 4 Year PGM	$	
C11-03	Hoists Annual PM.	$	
C11-04	Overhead Doors Annual PM.	$	
C11-05	Slings 4 Year PGM.	$	
C11-06	Rescue Lines Annual PM.	$	
C13	BLDGS & STRUCTURES		
C13-01	Handicap Door Annual PM.	$	
C14	HEATING PLANTS		
C14-01a	Steam Generation.	$	
C14-01b	Boiler Water Sampling & Testing	$	
C14-01c	Fuel Oil Handling, Tank Monitoring & Sampling	$	
C14-01d	Operate Steam Plant Bldg 500		
C14-02a	Boiler Monthly PM	$	
C14-02b	Boiler Annual PM.	$	
C14-02c	Boiler Annual Certification	$	
C14-03	Pump Annual PM	$	
C14-04b	Air Compressor Annual PM	$	
C14-05	Control Panel Annual PM	$	
C14-06	Relief Valve Annual PM	$	
C14-07	Transmitter Annual PM	$	
C14-08	Valve Annual PM	$	
C14-09	Steam Trap Annual PM	$	
C14-10	Water Tank Annual PM	$	
C14-11	Fuel Oil Storage Tank 4 Year PGM.	$	
C14-12	Steam Turbine Annual PM	$	
C14-14	Burner, Oil Annual PM	$	
C14-16a	Forced/Induced Draft Fan Quarterly PM	$	

(84)

NAS3-98030
Modification 25

SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 5

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C14-16b	Forced/Induced Draft Fan Annual	$	
C14-17	Pump, Sump Annual PM	$	
C14-19	Chemical Feed System Annual PM.	$	
C14-20a	Water Softener Quarterly PM	$	
C14-20b	Water Softener Annual PM	$	
C14-99	Maint. & Production of Heating Plant System Records & Reports	$	
C15	**HVAC, REFRIG, & ENERGY MGMT CONTROL SYSTEM**		
C15-01a	Split System AC/Condensing Unit Semi-Annual PM	$	
C15-02a	Package Air Conditioner Semi-Annual PM	$	
C15-03a	Rotary Screw Chiller Monthly PM	$	
C15-03b	Rotary Screw Chiller Quarterly PM	$	
C15-03c	Rotary Screw Chiller Annual PM	$	
C15-03d	Rotary Screw Chiller Annual PT&I	$	
C15-04a	Air Handling Unit Semi-Annual PM	$	
C15-04b	Air Handling Unit Annual PM	$	
C15-05a	Fan Coil Unit Semi-Annual PM	$	
C15-06	Chemical Feed System Annual PM	$	
C15-07a	Control Air System Annual PM	$	
C15-08a	Centrifugal Chiller Monthly PM	$	
C15-08b	Centrifugal Chiller Semi-Annual PM	$	
C15-08c	Centrifugal Chiller Annual PM	$	
C15-08d	Centrifugal Chiller Annual PT&I	$	
C15-09	Control Air Dryer Semi-Annual PM	$	
C15-10a	Exhaust Fan/Blower Semi-Annual PM	$	
C15-10b	Make-Up Fan Annual PM	$	
C15-11	Forced Air Heater Semi-Annual PM	$	
C15-12	Package AC W/Gas Heat Semi-Annual PM	$	
C15-13	Refrigerator/Freezer Semi-Annual	$	
C15-14	Beverage/Dairy Dispenser/Cooler Semi-Annual PM	$	
C15-15	Salad Cooler Semi-Annual PM	$	
C15-16	Refrigerated Food Display Case Semi-Annual PM	$	
C15-17	Ice Machine Semi-Annual PM	$	
C15-18	Water Cooler Semi-Annual PM		
C15-19	Window Air Conditioner Annual PM	$	
C15-20a	Heat Exchanger Semi-Annual PM	$	
C15-21	Glycol AC System Semi-Annual PM	$	
C15-22	Fume/Lab Exhaust Hood Semi-Annual PM	$	
C15-23	Mobile Refrigerant Reclaimer Annual PM	$	
C15-24	Humidification Systs Annual PM	$	
C15-25	Pumps Annual PM	$	
C15-26	Valves Annual PM	$	
C15-27a	Cooling Tower Monthly PM	$	
C15-27b	Cooling Tower Annual PM	$	
C15-28	Energy Mgt Control System (EMCS) Annual PM	$	
C15-29	Pneumatic Panel Annual PM	$	
C15-30	VAV Box Semi-annual PM	$	
C15-31a	Reciprocating Chiller Monthly PM	$	
C15-31b	Reciprocating Chiller Semi-Annual PM	$	
C15-31c	Reciprocating Chiller Annual PM	$	

(D) 4

NAS3-98030
Modification 25

SCHEDULE OF DEDUCTIONS
CONTRACT YEAR 5

Clin		UNIT PRICE	TOTAL FUNCTIONAL AREA PRICE
C15-31d	Reciprocating Chiller PT&I	$	
C15-32	Chiller Water Facilities Operations	$	
C15-33	Cooling Tower Operations	$	
C15-34	Panel Reading & Recording Monthly	$	
C15-35	EMCS Operations	$	
C15-36	Refrigerant Useage Recording	$	
C15-99	Maint. & Production of HVAC Systs Records & Reports	$	
C16	UTILITY DISTRIBUTION SYS		
C16-01	Air Compressor Annual PM.	$	
C16-02	Natural Gas Valve Annual PM.	$	
C16-03	Backflow Preventer Annual PM.	$	
C16-04	Pump Annual PM.	$	
C16-05	Steam Trap Annual PM.	$	
C16-06	Pump, Sump Annual PM.	$	
C16-07	Sewage Pumping Operation	$	
C16-08	Waste Basin Fac Ops	$	
C16-09	Wast Basin Fac Semi-Annual PM	$	
C16-99	Maint. & Production of Utility Systs Records & Reports	$	[redacted]
C17	MAINT. RELATED ENVIRON		
C17-99	Maint. & Production of Maint. Related Environmental Services Records & Reports		[redacted]
Total			$6,813,482

(b) 4

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	CONTRACT ID CODE	PAGE
		1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
24	March 1, 2001	166722 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

772-20-04-01-2D1-1-0-43-2590-1-FST9701-75 Obligate $ 688,514
950-20-04-21-2DA-1-0-09-2590-1-YST9701-75 Obligate $ 484,303

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* Unilateral Contract Modification as authorized by Clause F.4, "OPTION TO EXTEND THE TERM OF THE CONTRACT."

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The amount of available funding is increased from $19,404,761 by $1,172,817 to $20,577,568, which is estimated to cover performance through May 30, 2001.

b. The contract value is increased from $25,172,170 by $8,362,471 to $33,534,641.

c. The period of performance is extended through February 28, 2002.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 2/27/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
23	JAN 17 2001		

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
NASA Lewis Research Center Attn: Mark W. Manthey Services and Construction Branch 21000 Brookpark Road, Mail Stop 500-312 Cleveland, OH 44135-3191	0616/MWM		

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*		9A. AMENDMENT OF SOLICITATION NO.
Call Henry, Inc. 21000 Brookpark Road, MS 107-1 NASA Lewis Research Center Cleveland, OH 44135	☒	9B. DATED *(SEE ITEM 11)* 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030 10B. DATED *(SEE ITEM 13)* January 30, 1998
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The Safety and Health Plan, which was required by solicitation provision 18-52.223-73, "Safety and Health Plan, Alternate I," which clause required post-award submittal of a plan, is hereby incorporated into this contract by reference.

b. Clause 52.222-6, "Davis-Bacon Act," is hereby incorporated by reference into the contract. It is agreed that this clause will only apply to specific Task Orders issued in accordance with Clause H.2. Any such Task Orders will specify whether clause 52.222-6 applies and will include the relevant wage determination.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Clarence H. Sweet		Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED 1-11-01	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED 1/17/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
22	December 22, 2000	166722 (p)	

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-1-0-09-2590-1-YST9701-75 204A Obligate $515,697

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $18,889,054 by $515,697 to $19,404,761. This increase fully funds performance of the fixed price portion of the contract through February 28, 2001.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA	16c. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	December 22, 2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 5

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
21	DEC 22 2000		

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE | FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The enclosed new clause is added to the contract at no change in price.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Clarence H. Smith		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*	12-18-00	BY _____ *(Signature of Contracting Officer)*	12/22/2000

I.6 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (JULY 2000)

(a) The Contractor shall comply with the security requirements outlined in NASA Policy Directive (NPD) 2810.1, Security of Information Technology, and NASA Procedures and Guidelines (NPG) 2810.1, Security of Information Technology. These policies apply to all IT systems and networks under NASA's purview operated by or on behalf of the Federal Government, regardless of location.

(b) (1) The Contractor shall ensure compliance by its employees with Federal directives and guidelines that deal with IT Security including, but not limited to, OMB Circular A-130, Management of Federal Information Resources, OMB Circular A-130 Appendix III, Security of Federal Automated Information Resources, the Computer Security Act of 1987 (40 U.S.C. 1441 et seq.), and all applicable Federal Information Processing Standards (FIPS).

(2) All Federally owned information is considered sensitive to some degree and must be appropriately protected by the Contractor as specified in applicable IT Security Plans. Types of sensitive information that may be found on NASA systems that the Contractor may have access to include, but are not limited to --

(i) Privacy Act information (5 U.S.C. 552a et seq.);

(ii) Export Controlled Data, (e.g. Resources protected by the International Traffic in Arms Regulations (22 CFR Parts 120-130)).

(3) The Contractor shall ensure that all systems connected to a NASA network or operated by the Contractor for NASA conform with NASA and Center security policies and procedures.

(c) (1) The Contractor's screening of Contractor personnel will be conducted in accordance with NPG 2810.1, Section 4.5 for personnel requiring unescorted or unsupervised physical or electronic access to NASA systems, programs, and data.

(2) The Contractor shall ensure that all such employees have at least a National Agency Check investigation. The Contractor shall submit a personnel security questionnaire (NASA Form 531), Name Check Request for National Agency Check (NAC) investigation, and Standard Form 85P, Questionnaire for Public Trust Positions (for specified sensitive positions), and a Fingerprint Card (FD-258 with NASA overprint in Origin Block) to the Center Chief of Security for each Contractor employee requiring screening. The required forms may be obtained from the Center Chief of Security. In the event that the NAC is not satisfactory, access shall not be granted. At the option of the Government, background screenings may not be required for employees with recent or current Federal Government investigative clearances.

(3) The Contractor shall have an employee checkout process that ensures --

(i) Return of badges, keys, electronic access devices and NASA equipment;

(ii) Notification to NASA of planned employee terminations at least three days in advance of the employee's departure. In the case of termination for cause, NASA shall be notified immediately. All NASA accounts and/or network access granted terminated employees shall be disabled immediately upon the employee's separation from the Contractor; and

(iii) That the terminated employee has no continuing access to systems under the operation of the Contractor for NASA. Any access must be disabled the day the employee separates from the Contractor.

(4) Granting a non-permanent resident alien (foreign national) access to NASA IT resources requires special authorization. The Contractor shall obtain authorization from the Center Chief of Security prior to granting a non-permanent resident alien access to NASA IT systems and networks.

(d) (1) The Contractor shall ensure that its employees with access to NASA information
resources receive annual IT security awareness and training in NASA IT Security policies,
procedures, computer ethics, and best practices.

(2) The Contractor shall employ an effective method for communicating to all its employees and assessing that they understand any Information Technology Security policies and guidance provided by the Center Information Technology Security Manager (CITSM) and/or Center CIO Representative as part of the new employee briefing process. The Contractor shall ensure that all employees represent that they have read and understand any new Information Technology Security policy and guidance provided by the CITSM and Center CIO Representative over the duration of the contract.

(3) The Contractor shall ensure that its employees performing duties as system and network administrators in addition to performing routine maintenance possess specific IT security skills. These skills include the following:

(i) Utilizing software security tools.

(ii) Analyzing logging and audit data.

(iii) Responding and reporting to computer or network incidents as per NPG 2810.1.

(iv) Preserving electronic evidence as per NPG 2810.1.

(v) Recovering to a safe state of operation.

(4) The Contractor shall provide training to employees to whom they plan to assign system administrator roles. That training shall provide the employees with a full level of proficiency to meet all NASA system administrators' functional requirements. The Contractor shall have methods or processes to document that employees have mastered the training material, or have the required knowledge and skills. This applies to all system administrator requirements.

(e) The Contractor shall promptly report to the Center IT Security Manager any suspected computer or network security

incidents occurring on any system operated by the Contractor for NASA or connected to a NASA network. If it is validated that there is an incident, the Contractor shall provide access to the affected system(s) and system records to NASA and any NASA designated third party so that a detailed investigation can be conducted.

(f) The Contractor shall develop procedures and implementation plans that ensure that IT resources leaving the control of an assigned user (such as being reassigned, repaired, replaced, or excessed) have all NASA data and sensitive application software permanently removed by a NASA- approved technique. NASA-owned applications acquired via a "site license" or "server license" shall be removed prior to the resources leaving NASA's use. Damaged IT storage media for which data recovery is not possible shall be degaussed or destroyed. If the assigned task is to be assumed by another duly authorized person, at the Government's option, the IT resources may remain intact for assignment and use of the new user.

(g) The Contractor shall afford NASA, including the Office of Inspector General, access to the Contractor's and subcontractor's facilities, installations, operations, documentation, databases and personnel. Access shall be provided to the extent required to carry out a program of IT inspection, investigation and audit to safeguard against threats and hazards to the integrity, availability and confidentiality of NASA data, and to preserve evidence of computer crime.

(h) (1) The Contractor shall document all vulnerability testing and risk assessments conducted in accordance with NPG 2810.1 and any other IT security requirements specified in the contract or as directed by the Contracting Officer.

(2) The results of these tests shall be provided to the Center IT Security Manager. Any Contractor system(s) connected to a NASA network or operated by the Contractor for NASA may be subject to vulnerability assessment or penetration testing as part of the Center's IT security compliance assessment and the Contractor shall be required to assist in the completion of these activities.

(3) A decision to accept any residual risk shall be the responsibility of NASA. The Contractor shall notify the NASA system owner and the NASA data owner within 5 working days if new or unanticipated threats or hazards are discovered by the Contractor, made known to the Contractor, or if existing safeguards fail to function effectively. The Contractor shall make appropriate risk reduction recommendations to the NASA system owner and/or the NASA data owner and document the risk or modifications in the IT Security Plan.

(i) The Contractor shall develop a procedure to accomplish the recording and tracking of IT System Security Plans, including updates, and IT system penetration and vulnerability tests for all NASA systems under its control or for systems outsourced to them to be managed on behalf of NASA. The Contractor must report the results of these actions directly to the Center IT Security Manager.

(j) When directed by the Contracting Officer, the Contractor shall submit for NASA approval a post-award security implementation plan outlining how the Contractor intends to meet the requirements of NPG 2810.1. The plan shall subsequently be incorporated into the contract as a compliance document after receiving Government approval. The plan shall demonstrate thorough understanding of NPG 2810.1 and shall include as a minimum, the security measures and program safeguards to ensure that IT resources acquired and used by Contractor and subcontractor personnel --

(1) Are protected from unauthorized access, alteration, disclosure, or misuse of information processed, stored, or transmitted;

(2) Can maintain the continuity of automated information support for NASA missions, programs, and functions;

(3) Incorporate management, general, and application controls sufficient to provide cost-effective assurance of the systems' integrity and accuracy;

(4) Have appropriate technical, personnel, administrative, environmental, and access safeguards;

(5) Document and follow a virus protection program for all IT resources under its control; and

(6) Document and follow a network intrusion prevention program for all IT resources under its control.

(k) Prior to selecting any IT security solution, the Contractor shall consult with their Center IT Security Manager to ensure interoperability and compatibility with other systems with which there is a data or system interface requirement.

(l) The Contractor shall comply with all Federal and NASA encryption requirements for NASA flight programs (e.g., secure flight termination systems, encryption for satellite uplinks, encryption for flight and satellite command and control for both up and down link) and involve the Center Communications Security (COMSEC) Manager when selecting encryption solutions.

(m) The Contractor shall incorporate this clause in all subcontracts where the requirements identified in this clause are applicable to the performance of the subcontract.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
20	November 28, 2000	161687G & H (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-1-0-09-2590-1-YST9701-75 204A Obligate $1,106,550

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $17,782,504 by $1,106,550 to $$18,889,054.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA	16c. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	11/28/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
19	October 18, 2000	161687F	

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE | FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-1-0-09-2590-1-YST9701-75 204A Obligate $300,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $17,482,504 by $300,000 to $17,782,504.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15b. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15c. DATE SIGNED	16b. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16c. DATE SIGNED 10/18/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
18	July 24, 2000	152864 A (c)	

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-0-0-09-2590-1-YST9701-75 204A De-Obligate $4,536.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is decreased from $17,487,040 by $4,536 to $$17,482,504.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	7/24/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
17	July 10, 2000	152864 (c)	

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-0-0-09-2590-1-YST9701-75 204A Obligate $2,079,844

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Priced contract requirements is increased from $15,407,196 by $2,079,844 to $17,487,040.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	7/10/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
16	4/25/2000	147495 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

282-20-04-01-2D1-0-0-43-2590-1-FST9701-75 2041 Obligate $ 250,000
950-20-04-21-2DA-0-0-09-2590-1-YST9701-75 204A Obligate $1,438,514

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funding for the Fixed Price contract requirements is increased from $13,718,682 by $1,688,514 to $15,407,196

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	4/25/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 20

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
15			

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

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	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: ***Clauses B.3, "Variation in Quantities," H.7, "Observance of Government Holidays," and 52.222-44, "Fair Labor Standards Act and Service Contract Act – Price Adjustment"***
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The contract quantities and prices are changed as detailed on the following pages.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED

a. Clause B.2, "QUANTITIES OF SERVICES," is replaced in its entirety with the enclosed new clause, which reflects the quantities of services as determined jointly by the parties to be accurate as of February 28, 1998. These new quantities will serve as the baseline for any adjustments made pursuant to clause B.4, "VARIATION IN QUANTITIES."

b. Clause B.4, "VARIATION IN QUANTITIES," is revised by adding the following new paragraph"

"(d) Contract price adjustments resulting from this clause will include retroactive adjustments for the prior contract year and prospective increases for the subsequent year. The prospective adjustment will be based on the prior year's actual quantities. The amount of the retroactive adjustment will be based on the difference in the actual quantities and the quantities on which the related prospective adjustment was based."

c. Clause B.5, "CONTRACT PRICES," is replaced in its entirety with the enclosed new clause, reflecting the total price changes resulting from this modification. These price increases reflect the following items, with the value of each change shown in (parenthesis):

(1) Price adjustment claim pursuant pursuant to clause 52.222-44 resulting from the collective bargaining agreement between ColeJon Mechanical Corporation and Teamsters local 416 dated September 29, 1997 (value: $1,335,018).

(2) Price adjustment claim pursuant to clause 52.222-44 resulting from a new the collective bargaining agreement between JDD, Inc. and Teamsters Local 416 effective March 1, 1999 (value: $94,895)

(3) Price adjustment claim pursuant to clause H.7 resulting from a declared federal holiday and from closure of the Lewis Research Center due to inclement weather (value: $1,318).

(4) Price adjustment for revision of estimated annual quantities, in accordance with paragraph (a) of clause B.4 (value: $575,251).

(5) Retroactive price adjustment for actual quantities of services required during the first contract year, in accordance with paragraph (b) of clause B.4 (value: $6,535).

(6) Price adjustment claim for extensive off-shift requirements performed on May 15-16, 1998 (value: $5,500).

(7) The addition of the "Watchstanding" requirement for contract years 3 through 5, including the correction of the price for year 2, which was added by Contract Modification 9 (value: [redacted] (b)4

(8) Price adjustment for IBEW Local 38 JATC contribution increase (value: [redacted] (b)4

The total value of the changes is [redacted] (b)4

d. Clause E.3 is replaced with the following text, and the referenced attachment is included with this modification:

"E.3 SCHEDULE OF DEDUCTIONS

The unit prices on which any deductions, or price adjustments made pursuant to Clause B.4, "VARIATION IN QUANTITIES," would be based, are itemized on Attachment J-E.1, "Schedule of Deductions."

e. Clause H.2 is revised by adding the following new language to the end of current paragraph (d)(ii)(a), "UPT Pricing:"

"The applicable co-efficient shall be calculated as follows:
(1) determine the percentage of change in the Means Composite labor rate from the prior year;
(2) determine the percentage of change in the Means City Index from the prior year;
(3) sum the result of (1) and (2) above;
(4) determine the percentage of change in the contractor's CBA labor rate from the prior year;
(5) subtracting the results of (3) from (4) above;
(6) add the result of (5) above to the prior year's co-efficient.

f. The Contractor agrees as follows:

Contractor's Statement of Release

In consideration of the modification agreed to herein as complete equitable adjustments for the Contractor's proposals for adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to those adjustments.

B.2 QUANTITIES OF SERVICES

The quantities of each service required to be performed each contract year are set forth below. These quantities may be adjusted in accordance with Clause B.3, "VARIATION IN QUANTITIES."

PRS No.	PRS Title	Annual Quantity	Unit
C5	**FIXED PRICE WORK**		
C5-01	Trouble Calls	6,400	EA
C8	**LIFE SAFETY SYSTEMS**		
C8-00a	ADT System Operation	252	WK-D5
C8-00b	Life Safety Systems Operations	252	WK-D5
C8-01a	Smoke Detection and Bldg. Evacuation Systems Semi-Annual PM	276	PANEL
C8-01b	Smoke Detection and Bldg. Evacuation Systems Annual PM	138	PANEL
C8-02	ADT System Semi-Annual PM	136	PANEL
C8-03	Combustible Gas Monitoring Systems Semi-Annual PM	474	SENSOR
C8-04a	Low Oxygen and Toxic Gas Sensors Weekly PM	8,216	SENSOR
C8-04b	Low Oxygen and Toxic Gas Sensors Semi-Annual PM	316	SENSOR
C8-05	Emergency and Exit Lighting Systems Annual PM	1,824	EA
C8-06a	Automatic Sprinkler and Standpipe Systems Semi-Annual PM	134	BLDG
C8-06b	Automatic Sprinkler and Standpipe/ Hose Cabinets Systems Annual PM	67	BLDG
C8-06c	Automatic Sprinkler and Standpipe Systems Triennial PGM	22	BLDG
C8-06d	Automatic Sprinkler and Standpipe / Hose Cabinets Systems Five Year PGM	13	EA
C8-07	CO2 Extinguishing Systems Annual PM	13	SYS
C8-08a	Hood Systems Semi-Annual PM	24	EA
C8-08b	Hood Systems Annual PM	12	EA
C8-09	Halon 1301 Extinguishing Systems Annual PM	1	SYS
C8-10a	AFFF System Quarterly PM	4	SYS
C8-10b	AFFF System Annual PM	1	SYS
C8-11a	Fire Pumps Weekly PM	260	EA
C8-11b	Fire Pumps Annual PM	5	EA
C8-12	Fire Hydrants Annual PM	90	EA
C8-13a	Fire Extinguishers Monthly PM	26,892	EA
C8-13b	Fire Extinguishers Annual PM	2,241	EA
C8-13c	Fire Extinguishers Five Year PGM	448	EA
C8-13d	Fire Extinguishers Twelve Year PGM	97	EA
C8-14a	Emergency Generators Buildings 14 & 21 Weekly PM	104	EA
C8-14b	Emergency Generators Monthly PM	48	EA
C8-14c	Emergency Generators Annual PM	4	EA
C8-15	Access Control Systems Semi-Annual PM	50	SYS
C8-16	Intrusion Detection System Semi-Annual PM	98	SYS
C8-99	Maintenance and Production of Life Safety System Records and Reports	12	Month
C9	**ELECTRICAL DISTRIBUTION SYSTEMS**		
C9-00c	HV Substation Nitrogen Systems	104	EA

C9-01	Low Voltage Circuit Breaker Triennial PGM.	125	EA
C9-02	Grounding Systems (Fuel Areas) Annual PM.	51	EA
C9-03	Grounding Systems Five Year PGM.	21	EA
C9-04a	Low Voltage Distribution System Thermography PT&I, Five Year PGM.	401	EA
C9-04b	Low Voltage Distribution System Five Year PGM.	401	EA
C9-05a	Motor Annual PM.	64	EA
C9-05b	Motor Annual PT&I.	64	EA
C9-06	Cathodic Protection Annual PM.	169	EA
C9-7a	Portable Generator Monthly PM.	84	EA
C9-7b	Portable Generator Annual PM.	3	EA
C9-8a	UPS/Battery Quarterly PM.	92	EA
C9-8b	UPS/Battery Annual PM.	23	EA
C9-8c	UPS/Battery Thermography Annual PT&I	23	EA
C9-9a	Autotransfer Switch Annual PM	53	EA
C9-10	Lighting 5 Year PGM.	5	LAMP
C9-11a	HV Transformer Annual PM.	62	EA
C9-11b	HV Transformer Triennial PGM	62	EA
C9-11a1	HV Dry Transformers Annual PM	77	EA
C9-11a2	HV Unit Sub/Bdg. Transformer Annual PM	95	EA
C9-12a	HV Oil/SF6Circuit Breaker Annual PM.	57	EA
C9-12b	HV Oil/SF6 Circuit Breaker Triennial PGM	19	EA
C9-13a	HV Air/Vacuum Circuit Breaker Annual PM.	275	EA
C9-13b	HV Air/Vacuum Circuit Breaker Triennial PGM	92	EA
C9-14	HV Disconnect Switch Annual PM.	433	EA
C9-15a	HV Substation Battery Monthly PM.	72	EA
C9-15b	HV Substation Battery Quarterly PM.	48	EA
C9-15c	HV Substation Battery Annual PM	12	EA
C9-15d	HV Substation Battery Annual PT&I	12	EA
C9-16	HV Capacitor Annual PM.	16	EA
C9-17	HV System Protective Relays Triennial PGM.	210	EA
C9-18	HV Sectionalizing Box Annual PM.	64	EA
C9-19	HV Current Limiting Reactor Annual PM.	6	EA
C9-20a	HV Substation Quarterly PM.	52	EA
C9-20b	HV Substation Annual PT&I	13	EA
C9-21	HV System Manholes Annual PM.	134	EA
C9-22	HV Voltage Regulator Annual PM.	5	EA
C9-23	HV Load Tap Changers Annual PM.	10	EA
C9-24a	HV Arrestors/Insulators Annual PM	33	EA
C9-24b	HV Arrestors/Insulators Triennial PGM	11	EA
C9-25	HV Grounding Transformers/Resistors Annual PM	6	EA
C9-99	Maintenance and Production of Electrical Distribution System Records and Reports	12	Month

C10 COMMUNICATIONS SYSTEMS

C11 PERSONNEL AND MATERIAL HANDLING SYSTEMS

C11-00	Elevator Fire Service Check Monthly PM	120	EA
C11-01a	Elevator Monthly PM (Bldg. 110, Unit #3).	12	EA
C11-01b	Elevator Quarterly PM.	132	EA
C11-01c	Elevator Load Test & No Load Test Annual PM.	34	EA
C11-01d	Elevator Full Load Test 5 Year PGM	1	EA
C11-02a	Crane Monthly PM.	3,624	EA
C11-02b	Crane Annual PM.	20	EA

C11-02c	Crane Load Test 4 Year PGM	128	EA
C11-03	Hoists Annual PM.	501	EA
C11-04	Overhead Doors Annual PM.	341	EA
C11-05	Slings 4 Year PGM.	390	EA
C11-06	Rescue Lines Annual PM.	8	EA
C13	**BUILDINGS AND STRUCTURES**		
C13-01	Handicap Door Annual PM.	74	DOOR
C14	**HEATING PLANTS**		
C14-01a	Steam Generation.	365	DAYS
C14-01b	Boiler Water Sampling & Testing	365	DAYS
C14-01c	Fuel Oil Handling, Tank Monitoring and Sampling	365	DAYS
C14-02a	Boiler Monthly PM	336	EA
C14-02b	Boiler Annual PM.	28	EA
C14-02c	Boiler Annual Certification.	28	EA
C14-03	Pump Annual PM	37	EA
C14-04b	Air Compressor Annual PM	7	EA
C14-05	Control Panel Annual PM	5	EA
C14-06	Relief Valve Annual PM	19	EA
C14-07	Transmitter Annual PM	25	EA
C14-08	Valve Annual PM	92	EA
C14-09	Steam Trap Annual PM	8	EA
C14-10	Water Tank Annual PM	1	EA
C14-11	Fuel Oil Storage Tank 4 Year PGM.	1	EA
C14-12	Steam Turbine Annual PM	2	EA
C14-14	Burner, Oil Annual PM	6	EA
C14-16a	Forced/Induced Draft Fan Quarterly PM	48	EA
C14-16b	Forced/Induced Draft Fan Annual PM	12	EA
C14-17	Pump, Sump Annual PM	6	EA
C14-19	Chemical Feed System Annual PM.	7	EA
C14-20a	Water Softener Quarterly PM	24	EA
C14-20b	Water Softener Annual PM	6	EA
C14-99	Maintenance and Production of Heating Plant System Records and Reports	12	MONTH
C15	**HVAC, REFRIGERATION, AND ENERGY MANAGEMENT CONTROL SYSTEM**		
C15-01a	Split System Air Conditioner/Condensing Unit Semi-Annual PM	80	EA
C15-02a	Package Air Conditioner Semi-Annual PM	762	EA
C15-03a	Rotary Screw Chiller Monthly PM	72	EA
C15-03b	Rotary Screw Chiller Quarterly PM	24	EA
C15-03c	Rotary Screw Chiller Annual PM	6	EA
C15-03d	Rotary Screw Chiller Annual PT&I	6	EA
C15-04a	Air Handling Unit Semi-Annual PM	676	EA
C15-04b	Air Handling Unit Annual PM	336	EA
C15-05a	Fan Coil Unit Semi-Annual PM	3,192	EA
C15-06	Chemical Feed System Annual PM	37	EA
C15-07a	Control Air System Annual PM	12	EA
C15-08a	Centrifugal Chiller Monthly PM	108	EA
C15-08b	Centrifugal Chiller Semi Annual PM	18	EA
C15-08c	Centrifugal Chiller Annual PM	9	EA
C15-08d	Centrifugal Chiller Annual PT&I	9	EA
C15-09	Control Air Dryer Semi-Annual PM	60	EA
C15-10a	Exhaust Fan/Blower Semi-Annual PM	1,948	EA
C15-10b	Make-Up Fan Annual PM	65	EA
C15-11	Forced Air Heater Semi-Annual PM	1,204	EA
C15-12	Package AC W/Gas Heat Semi-Annual PM	140	EA
C15-13	Refrigerator/Freezer Semi-Annual PM	120	EA

C15-14	Beverage/Dairy Dispenser/Cooler Semi-Annual PM	2	EA
C15-15	Salad Cooler Semi-Annual PM	4	EA
C15-16	Refrigerated Food Display Case Semi-Annual PM	16	EA
C15-17	Ice Machine Semi-Annual PM	14	EA
C15-18	Water Cooler Semi-Annual PM	486	EA
C15-19	Window Air Conditioner Annual PM	8	EA
C15-20a	Heat Exchanger Semi-Annual PM	6	EA
C15-21	Glycol AC System Semi-Annual PM	20	EA
C15-22	Fume/Lab Exhaust Hood Semi-Annual PM	4	EA
C15-23	Mobile Refrigerant Reclaimer Annual PM	7	EA
C15-24	Humidification Systems Annual PM	52	EA
C15-25	Pumps Annual PM	24	EA
C15-26	Valves Annual PM	16	EA
C15-27a	Cooling Tower Monthly PM	72	EA
C15-27b	Cooling Tower Annual PM	6	EA
C15-28	Energy Management Control System (EMCS) Annual PM	74	EA
C15-29	Pneumatic Panel Annual PM	101	EA
C15-30	VAV Box Semi-annual PM	938	EA
C15-31a	Reciprocating Chiller Monthly PM	108	EA
C15-31b	Reciprocating Chiller Semi-Annual PM	18	EA
C15-31c	Reciprocating Chiller Annual PM	9	EA
C15-31d	Reciprocating Chiller PT&I	9	EA
C15-32	Chiller Water Facilities Operations	252	WK-D5
C15-33	Cooling Tower Operations	252	WK-D5
C15-34	Panel Reading and Recording Monthly	12	MONTH
C15-35	EMCS Operations	365	DAYS
C15-36	Refrigerant Useage Recording	12	MONTH
C15-99	Maintenance and Production of HVAC Systems Records and Reports	12	Month
C16	**UTILITY DISTRIBUTION SYSTEMS**		
C16-01	Air Compressor Annual PM.	45	EA
C16-02	Natural Gas Valve Annual PM.	53	EA
C16-03	Backflow Preventer Annual PM.	143	EA
C16-04	Pump Annual PM.	332	EA
C16-05	Steam Trap Annual PM.	1,296	EA
C16-06	Pump, Sump Annual PM.	47	EA
C16-07	Sewage Pumping Operation	1	YR
C16-99	Maintenance and Production of Utility Systems Records and Reports	12	Month

B.5 CONTRACT PRICES

a. Contract Year 1

1001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$105,568	$1,266,816
C8	Life Safety Systems	$43,902	$526,826
C9	Electrical Distribution Systems	$125,599	$1,507,193
C10	Communications Systems	$0	$0
C11	Personnel and Material Handling Systems	$23,507	$282,081
C12	Surfaced Areas	$6,914	$82,967
C13	Buildings and Structures	$ 151	$1,811
C14	Heating Plants	$57,685	$692,218
C15	HVAC, Refrigeration, Energy Management and Control Systems	$93,740	$1,124,877
C16	Utility Distribution Systems	$10,283	$123,400
C17	Maintenance Related Environmental Services	$ 279	$3,351
	TOTAL PRICE FOR CONTRACT LINE ITEM 1001		$5,611,540

ITEM 1002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
	[redacted]		X [redacted]	

ITEM 1003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS	UNIT PRICE/HR	TOTAL PRICE
1003AA	*Craftsman*				
1003AB	*Helper, Maint. Trades*				
1003AC	*Laborer*				
1003AD	*Electrical - high voltage*				
1003AE	*Groundskeeper*				
1003AF	*Groundskeeper, Lead*				
1003AG	*Equipment Operator*				
1003AH	*General Maintenance*				
1003AI	*Supervisor*				
1003BA	Material				
1003CA	Equipment				
	TOTAL PRICE, LINE ITEM 1003				$1,269,837

TOTAL PRICE FOR YEAR 1 (Items 1001 + 1002 + 1003)	$6,909,721

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	-	[redacted]	
Helper, Maintenance Trades	-		
Laborer	-		
Electrical - high voltage			
Groundskeeper			
Groundskeeper, Lead			
Equipment Operator			
General Maintenance			
Supervisor			

b. Contract Year 2

2001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$104,763	$1,257,152
C8	Life Safety Systems	$42,992	$515,904
C9	Electrical Distribution Systems	$127,852	$1,534,222
C10	Communications Systems	$0	$0
C11	Personnel and Material Handling Systems	$23,499	$281,991
C12	Surfaced Areas	$38,060	$456,714
C13	Buildings and Structures	$ 150	$1,804
C14	Heating Plants	$103,196	$1,238,351
C15	HVAC, Refrigeration, Energy Management and Control Systems	$92,540	$1,110,474
C16	Utility Distribution Systems	$10,574	$126,883
C17	Maintenance Related Environmental Services	$ 272	$3,259
	TOTAL PRICE FOR CONTRACT LINE ITEM 2001		$6,526,754

ITEM 2002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
[redacted]				

(b)4

ITEM 2003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS	UNIT PRICE/HR	TOTAL PRICE
2003AA	*Craftsman*				
2003AB	*Helper, Maintenance Trade*				
2003AC	*Laborer*				
2003AD	*Electrical - high voltage*				
2003AE	*Groundskeeper*				
2003AF	*Groundskeeper, Lead*				
2003AG	*Equipment Operator*				
2003AH	*General Maintenance*				
2003AI	*Supervisor*				
2003BA	Material				
2003CA	Equipment				
	TOTAL PRICE, LINE ITEM 2003				$1,300,936

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TOTAL PRICE FOR YEAR 2 (Items 2001 + 2002 + 2003)	$7,883,663

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	-	[redacted]	[redacted]
Helper, Maintenance Trades	-		
Laborer	-		
Electrical - high voltage			
Groundskeeper			
Groundskeeper, Lead			
Equipment Operator			
General Maintenance			
Supervisor			

(b) 4

c. Contract Year 3

3001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$107,515	$1,290,176
C8	Life Safety Systems	$44,286	$531,426
C9	Electrical Distribution Systems	$134,790	$1,617,482
C10	Communications Systems	$0	$0
C11	Personnel and Material Handling Systems	$24,194	$290,323
C12	Surfaced Areas	$38,992	$467,907
C13	Buildings and Structures	$ 155	$1,856
C14	Heating Plants	$106,350	$1,276,202
C15	HVAC, Refrigeration, Energy Management and Control Systems	$95,178	$1,142,131
C16	Utility Distribution Systems	$10,888	$130,657
C17	Maintenance Related Environmental Services	$ 272	$3,261
	TOTAL PRICE FOR CONTRACT LINE ITEM 3001		$6,751,421

ITEM 3002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
[redacted]				

(b)4

ITEM 3003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS	UNIT PRICE/HR	TOTAL PRICE
3003AA	*Craftsman*				
3003AB	*Helper, Maintenance Trades*				
3003AC	*Laborer*				
3003AD	*Electrical - high voltage*				
3003AE	*Groundskeeper*				
3003AF	*Groundskeeper, Lead*				
3003AG	*Equipment Operator*				
3003AH	*General Maintenance*				
3003AI	*Supervisor*				
3003BA	Material				
3003CA	Equipment				

(b)4

TOTAL PRICE, LINE ITEM 3003 $1,337,419

TOTAL PRICE FOR YEAR 3 (Items 3001 + 3002 + 3003)	$8,118,224

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	-	[redacted]	[redacted]
Helper, Maintenance Trades	-		
Laborer	-		
Electrical - high voltage	[redacted]		
Groundskeeper			
Groundskeeper, Lead			
Equipment Operator			
General Maintenance			
Supervisor			

(b)4

d. Contract Year 4

4001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$110,149	$1,321,792
C8	Life Safety Systems	$45,548	$546,574
C9	Electrical Distribution Systems	$141,073	$1,692,876
C10	Communications Systems	$0	$0
C11	Personnel and Material Handling Systems	$24,891	$298,696
C12	Surfaced Areas	$39,143	$469,718
C13	Buildings and Structures	$ 159	$1,907
C14	Heating Plants	$110,842	$1,330,109
C15	HVAC, Refrigeration, Energy Management and Control Systems	$97,826	$1,173,912
C16	Utility Distribution Systems	$11,203	$134,430
C17	Maintenance Related Environmental Services	$ 272	$3,264
	TOTAL PRICE FOR CONTRACT LINE ITEM 4001		$6,973,278

ITEM 4002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
[redacted]				(b)4

ITEM 4003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS	UNIT PRICE/HR	TOTAL PRICE
4003AA	*Craftsman*				
4003AB	*Helper, Maintenance Trades*				
4003AC	*Laborer*				
4003AD	*Electrical - high voltage*				
4003AE	*Groundskeeper*				
4003AF	*Groundskeeper, Lead*				
4003AG	*Equipment Operator*				
4003AH	*General Maintenance*				
4003AI	*Supervisor*				
4003BA	Material				
4003CA	Equipment				

(b) 4

TOTAL PRICE, LINE ITEM 4003 $1,359,193

TOTAL PRICE FOR YEAR 4 (Items 4001 + 4002 + 4003)	$8,361,771

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	-	[redacted]	[redacted]
Helper, Maintenance Trades	-		
Laborer	-		
Electrical - high voltage	-		
Groundskeeper	[redacted]		
Groundskeeper, Lead			
Equipment Operator			
General Maintenance			
Supervisor			

(b)4

e. Contract Year 5

5001 FIRM FIXED-PRICE WORK:		$/Month	Price/Year
C5	Trouble Calls	$112,459	$1,349,504
C8	Life Safety Systems	$46,767	$561,199
C9	Electrical Distribution Systems	$148,419	$1,781,025
C10	Communications Systems	$ 0	$0
C11	Personnel and Material Handling Systems	$25,545	$306,544
C12	Surfaced Areas	$43,106	$517,273
C13	Buildings and Structures	$ 163	$1,954
C14	Heating Plants	$116,151	$1,393,810
C15	HVAC, Refrigeration, Energy Management and Control Systems	$100,384	$1,204,603
C16	Utility Distribution Systems	$11,495	$137,944
C17	Maintenance Related Environmental Services	$ 272	$3,263
	TOTAL PRICE FOR CONTRACT LINE ITEM 5001		$7,257,119

ITEM 5002	PRE-PRICED TASKS	GOVERNMENT ESTIMATE	COEFFICIENT	Total Price
		[redacted]	[redacted]	

(b)4

ITEM 5003	NON-PRE-PRICED TASKS	GOVERNMENT ESTIMATE	UNITS	UNIT PRICE/HR	TOTAL PRICE
5003AA	*Craftsman*				
5003AB	*Helper, Maintenance Trades*				
5003AC	*Laborer*				
5003AD	*Electrical - high voltage*				
5003AE	*Groundskeeper*				
5003AF	*Groundskeeper, Lead*				
5003AG	*Equipment Operator*				
5003AH	*General Maintenance*				
5003AI	*Supervisor*				
5003BA	Material				
5003CA	Equipment				
	TOTAL PRICE, LINE ITEM 5003				$1,381,437

(b)4

TOTAL PRICE FOR YEAR 5 (Items 5001 + 5002 + 5003)	$8,667,760

Overtime Rates:

Labor Classification	Premium	1.5X Overtime	2.0X Overtime
Craftsman	-	[redacted]	[redacted]
Helper, Maintenance Trades	-		
Laborer	-		
Electrical - high voltage			
Groundskeeper			
Groundskeeper, Lead			
Equipment Operator			
General Maintenance			
Supervisor			

(b)4

SCHEDULE OF DEDUCTIONS

Contract Year 2 (Option Year 1)

Contract Requirement	Unit Price
C5	
	$
C8	
C8-00a	$
C8-00b	$
C8-01a	$
C8-01b	$
C8-02	$
C8-03	$
C8-04a	$
C8-04b	$
C8-05	$
C8-06a	$
C8-06b	$
C8-06c	$
C8-06d	$
C8-07	$
C8-08a	$
C8-08b	$
C8-09	$
C8-10a	$
C8-10b	$
C8-11a	$
C8-11b	$
C8-12	$
C8-13a	$
C8-13b	$
C8-13c	$
C8-13d	$
C8-14a	$
C8-14b	$
C8-14c	$
C8-15	$
C8-16	$
C8-99	$
C9	
C9-00c	$
C9-01	$
C9-02	$
C9-03	$
C9-04a	$
C9-04b	$
C9-05a	$
C9-05b	$
C9-06	$
C9-7a	$
C9-7b	$
C9-8a	$
C9-8b	$
C9-8c	$
C9-9a	$
C9-10	$
C9-11a	$
C9-11a(1)	$
C9-11a(2)	$
C9-11b	$
C9-12a	$
C9-12b	$
C9-13a	$
C9-13b	$
C9-14	$
C9-15a	$
C9-15b	$
C9-15c	$
C9-15d	$
C9-16	$
C9-17	$
C9-17b	$
C9-18	$
C9-19	$
C9-20a	$
C9-20b	$
C9-21	$
C9-22	$
C9-23	$
C9-24a	$
C9-24b	$
C9-25	$
C9-99	$
C11	
C11-00	$
C11-01a	$
C11-01b	$
C11-01c	$
C11-01d	$
C11-02a	$
C11-02b	$
C11-02c	$
C11-03	$
C11-04	$
C11-05	$
C11-06	$
C12	
C12-01	$

C13	
C13-01	$

C14	
C14-01a	$
C14-01b	$
C14-01c	$
C14-01d	$
C14-02a	$
C14-02b	$
C14-02c	$
C14-03	$
C14-04b	$
C14-05	$
C14-06	$
C14-07	$
C14-08	$
C14-09	$
C14-10	$
C14-11	$
C14-12	$
C14-14	$
C14-16a	$
C14-16b	$
C14-17	$
C14-19	$
C14-20b	$
C14-99	$

C15	
C15-01a	$
C15-02a	$
C15-03a	$
C15-03b	$
C15-03c	$
C15-03d	$
C15-04a	$
C15-04b	$
C15-05a	$
C15-06	$
C15-07a	$
C15-08a	$
C15-08b	$
C15-08c	$
C15-08d	$
C15-09	$
C15-10a	$
C15-10b	$
C15-11	$
C15-12	$
C15-13	$
C15-14	$
C15-15	$
C15-16	$
C15-17	$
C15-18	$
C15-19	$
C15-20a	$
C15-21	$
C15-22	$
C15-23	$
C15-24	$
C15-25	$
C15-26	$
C15-27a	$
C15-27b	$
C15-28	$
C15-29	$
C15-30	$
C15-31a	$
C15-31b	$
C15-31c	$
C15-31d	$
C15-32	$
C15-33	$
C15-34	$
C15-35	$
C15-36	$
C15-99	$

C16	
C16-01	$
C16-02	$
C16-03	$
C16-04	$
C16-05	$
C16-06	$
C16-07	$
C16-08	$
C16-09	$
C16-99	$

C17	
C17-99	$

Contract Year 3 (Option Year 2)

Contract Require ment	Unit Price
C5	
	$
C8	
C8-00a	$
C8-00b	$
C8-01a	$
C8-01b	$
C8-02	$
C8-03	$
C8-04a	$
C8-04b	$
C8-05	$
C8-06a	$
C8-06b	$
C8-06c	$
C8-06d	$
C8-07	$
C8-08a	$
C8-08b	$
C8-09	$
C8-10a	$
C8-10b	$
C8-11a	$
C8-11b	$
C8-12	$
C8-13a	$
C8-13b	$
C8-13c	$
C8-13d	$
C8-14a	$
C8-14b	$
C8-14c	$
C8-15	$
C8-16	$
C8-99	$
C9	
C9-00c	$
C9-01	$
C9-02	$
C9-03	$
C9-04a	$
C9-04b	$
C9-05a	$
C9-05b	$
C9-06	$
C9-7a	$
C9-7b	$
C9-8a	$
C9-8b	$
C9-8c	$
C9-9a	$
C9-10	$
C9-11a	$
C9-11a(1)	$
C9-11a(2)	$
C9-11b	$
C9-12a	$
C9-12b	$
C9-13a	$
C9-13b	$
C9-14	$
C9-15a	$
C9-15b	$
C9-15c	$
C9-15d	$
C9-16	$
C9-17	$
C9-17b	$
C9-18	$
C9-19	$
C9-20a	$
C9-20b	$
C9-21	$
C9-22	$
C9-23	$
C9-24a	$
C9-24b	$
C9-25	$
C9-99	$
C11	
C11-00	$
C11-01a	$
C11-01b	$
C11-01c	$
C11-01d	$
C11-02a	$
C11-02b	$
C11-02c	$
C11-03	$
C11-04	$
C11-05	$
C11-06	$
C12	
C12-01	$
C13	
C13-01	$

C14

C14-01a	$
C14-01b	$
C14-01c	$
C14-01d	$
C14-02a	$
C14-02b	$
C14-02c	$
C14-03	$
C14-04b	$
C14-05	$
C14-06	$
C14-07	$
C14-08	$
C14-09	$
C14-10	$
C14-11	$
C14-12	$
C14-14	$
C14-16a	$
C14-16b	$
C14-17	$
C14-19	$
C14-20b	$
C14-99	$

C15

C15-01a	$
C15-02a	$
C15-03a	$
C15-03b	$
C15-03c	$
C15-03d	$
C15-04a	$
C15-04b	$
C15-05a	$
C15-06	$
C15-07a	$
C15-08a	$
C15-08b	$
C15-08c	$
C15-08d	$
C15-09	$
C15-10a	$
C15-10b	$
C15-11	$
C15-12	$
C15-13	$
C15-14	$
C15-15	$
C15-16	$
C15-17	$
C15-18	$
C15-19	$
C15-20a	$
C15-21	$
C15-22	$
C15-23	$
C15-24	$
C15-25	$
C15-26	$
C15-27a	$
C15-27b	$
C15-28	$
C15-29	$
C15-30	$
C15-31a	$
C15-31b	$
C15-31c	$
C15-31d	$
C15-32	$
C15-33	$
C15-34	$
C15-35	$
C15-36	$
C15-99	$

C16

C16-01	$
C16-02	$
C16-03	$
C16-04	$
C16-05	$
C16-06	$
C16-07	$ 3
C16-08	$
C16-09	$
C16-99	$

C17

C17-99	$

Contract Year 4 (Option Year 3)

Contract Requirement	Unit Price
C5	$
C8	
C8-00a	$
C8-00b	$
C8-01a	$
C8-01b	$
C8-02	$
C8-03	$
C8-04a	$
C8-04b	$
C8-05	$
C8-06a	$
C8-06b	$
C8-06c	$
C8-06d	$
C8-07	$
C8-08a	$
C8-08b	$
C8-09	$
C8-10a	$
C8-10b	$
C8-11a	$
C8-11b	$
C8-12	$
C8-13a	$
C8-13b	$
C8-13c	$
C8-13d	$
C8-14a	$
C8-14b	$
C8-14c	$
C8-15	$
C8-16	$
C8-99	$
C9	
C9-00c	$
C9-01	$
C9-02	$
C9-03	$
C9-04a	$
C9-04b	$
C9-05a	$
C9-05b	$
C9-06	$
C9-7a	$
C9-7b	$
C9-8a	$
C9-8b	$
C9-8c	$
C9-9a	$
C9-10	$
C9-11a	$
C9-11a(1)	$
C9-11a(2)	$
C9-11b	$
C9-12a	$
C9-12b	$
C9-13a	$
C9-13b	$
C9-14	$
C9-15a	$
C9-15b	$
C9-15c	$
C9-15d	$
C9-16	$
C9-17	$
C9-17b	$
C9-18	$
C9-19	$
C9-20a	$
C9-20b	$
C9-21	$
C9-22	$
C9-23	$
C9-24a	$
C9-24b	$
C9-25	$
C9-99	$
C11	
C11-00	$
C11-01a	$
C11-01b	$
C11-01c	$
C11-01d	$
C11-02a	$
C11-02b	$
C11-02c	$
C11-03	$
C11-04	$
C11-05	$
C11-06	$
C12	$
C13	
C13-01	$

C14

C14-01a	$
C14-01b	$
C14-01c	$
C14-01d	$
C14-02a	$
C14-02b	$
C14-02c	$
C14-03	$
C14-04b	$
C14-05	$
C14-06	$
C14-07	$
C14-08	$
C14-09	$
C14-10	$
C14-11	$
C14-12	$
C14-14	$
C14-16a	$
C14-16b	$
C14-17	$
C14-19	$
C14-20b	$
C14-99	$

C15

C15-01a	$
C15-02a	$
C15-03a	$
C15-03b	$
C15-03c	$
C15-03d	$
C15-04a	$
C15-04b	$
C15-05a	$
C15-06	$
C15-07a	$
C15-08a	$
C15-08b	$
C15-08c	$
C15-08d	$
C15-09	$
C15-10a	$
C15-10b	$
C15-11	$
C15-12	$
C15-13	$
C15-14	$
C15-15	$
C15-16	$
C15-17	$
C15-18	$
C15-19	$
C15-20a	$
C15-21	$
C15-22	$
C15-23	$
C15-24	$
C15-25	$
C15-26	$
C15-27a	$
C15-27b	$
C15-28	$
C15-29	$
C15-30	$
C15-31a	$
C15-31b	$
C15-31c	$
C15-31d	$
C15-32	$
C15-33	$
C15-34	$
C15-35	$
C15-36	$
C15-99	$

C16

C16-01	$
C16-02	$
C16-03	$
C16-04	$
C16-05	$
C16-06	$
C16-07	$
C16-08	$
C16-09	$
C16-99	$

C17

C17-99	$

Contract Year 5 (Option Year 4)

Contract Requirement	Unit Price
C5	
	$
C8	
C8-00a	$
C8-00b	$
C8-01a	$
C8-01b	$
C8-02	$
C8-03	$
C8-04a	$
C8-04b	$
C8-05	$
C8-06a	$
C8-06b	$
C8-06c	$
C8-06d	$
C8-07	$
C8-08a	$
C8-08b	$
C8-09	$
C8-10a	$
C8-10b	$
C8-11a	$
C8-11b	$
C8-12	$
C8-13a	$
C8-13b	$
C8-13c	$
C8-13d	$
C8-14a	$
C8-14b	$
C8-14c	$
C8-15	$
C8-16	$
C8-99	$
C9	
C9-00c	$
C9-01	$
C9-02	$
C9-03	$
C9-04a	$
C9-04b	$
C9-05a	$
C9-05b	$
C9-06	$
C9-7a	$
C9-7b	$
C9-8a	$
C9-8b	$
C9-8c	$
C9-9a	$
C9-10	$
C9-11a	$
C9-11a(1)	$
C9-11a(2)	$
C9-11b	$
C9-12a	$
C9-12b	$
C9-13a	$
C9-13b	$
C9-14	$
C9-15a	$
C9-15b	$
C9-15c	$
C9-15d	$
C9-16	$
C9-17	$
C9-17b	$
C9-18	$
C9-19	$
C9-20a	$
C9-20b	$
C9-21	$
C9-22	$
C9-23	$
C9-24a	$
C9-24b	$
C9-25	$
C9-99	$
C11	
C11-00	$
C11-01a	$
C11-01b	$
C11-01c	$
C11-01d	$
C11-02a	$
C11-02b	$
C11-02c	$
C11-03	$
C11-04	$
C11-05	$
C11-06	$
C13	
C13-01	$

C14

C14-01a	$
C14-01b	$
C14-01c	$
C14-01d	$
C14-02a	$
C14-02b	$
C14-02c	$
C14-03	$
C14-04b	$
C14-05	$
C14-06	$
C14-07	$
C14-08	$
C14-09	$
C14-10	$
C14-11	$
C14-12	$
C14-14	$
C14-16a	$
C14-16b	$
C14-17	$
C14-19	$
C14-20b	$
C14-99	$

C15

C15-01a	$
C15-02a	$
C15-03a	$
C15-03b	$
C15-03c	$
C15-03d	$
C15-04a	$
C15-04b	$
C15-05a	$
C15-06	$
C15-07a	$
C15-08a	$
C15-08b	$
C15-08c	$
C15-08d	$
C15-09	$
C15-10a	$
C15-10b	$
C15-11	$
C15-12	$
C15-13	$
C15-14	$
C15-15	$
C15-16	$
C15-17	$
C15-18	$
C15-19	$
C15-20a	$
C15-21	$
C15-22	$
C15-23	$
C15-24	$
C15-25	$
C15-26	$
C15-27a	$
C15-27b	$
C15-28	$
C15-29	$
C15-30	$
C15-31a	$
C15-31b	$
C15-31c	$
C15-31d	$
C15-32	$
C15-33	$
C15-34	$
C15-35	$
C15-36	$
C15-99	$

C16

C16-01	$
C16-02	$
C16-03	$
C16-04	$
C16-05	$
C16-06	$
C16-07	$
C16-08	$
C16-09	$
C16-99	$

C17

C17-99	$

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | CONTRACT ID CODE | PAGE 1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
14	March 1, 2000	142008 (c)	

6. ISSUED BY CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

282-20-04-01-2D1-0-0-43-2540-1-FST9701-75 Obligate $1,000,000
950-20-04-21-2DA-0-0-09-2540-1-YST9701-75 Obligate $ 537,298

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* Unilateral Contract Modification as authorized by Clause F.4, "OPTION TO EXTEND THE TERM OF THE CONTRACT."

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The amount of available funding is increased from $12,181,384 by $1,537,298 to $13,718,682.

b. The contract value is increased from $16,581,384 by $6,905,883 to $23,487,267.

c. The period of performance is extended through February 28, 2001.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	2/24/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
13	January 28, 2000		

6. ISSUED BY — CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE | FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: The "Changes" clause
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The parties agree that the government retains its right to exercise its option to extend the term of this contract, as provided in Clause F.3 of the contract, notwithstanding that the government did not provide, wthin the required time period, notice to the contractor of the government's intent to exercise that option.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Claudio H. Sneed		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*	1-28-2000	BY Mark W. Manthey *(Signature of Contracting Officer)*	1/28/2000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
12	1/14/00	142008 (p)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-0-0-09-2540-1-YST9701-75 204A Obligate $75,202

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funds for the Fixed Price contract requirements is increased from $12,106,182 by $75,202 to $12,181,384.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 1/14/00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
11	December 2, 1999	137301	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-04-21-2DA-0-0-09-2540-1-YST9701-75 204A Obligate $1,584,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funds for the Fixed Price contract requirements is increased from $10,522,182 by $1,584,000 to $12,106,182.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY Mark W. Manthey *(Signature of Contracting Officer)*	12/2/99

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
10	August 17, 1999	132105	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Obligation YTTT9701 $ 1,158,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* This unilateral contract modificaion is issued under the authority of clause 52.232-18, "Availability of Funds"

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The available funds are increased from $9,364,182 by $1,158,000 to $10,522,182

b. The contract value is increased, to reflect the current estimated volume of the Indefinite Quantity portion of the contract, from $12,581,384 by $4,000,000 to $16,581,384.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Mark W. Manthey *(Signature of Contracting Officer)*	16C. DATE SIGNED 8/18/99

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
89			

6. ISSUED BY — CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE | FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: The "Changes" clause
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

he contract is modified in scope and in value by the extending the requirement to provide 24-hour /atchstanding of the boilers in Building 500 through February 29, 2000. The specific changes made to the ontract are itemized on page 2 of this modification.

cept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*	15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Clarence H. Sneed - Project Manager	Mark W. Manthey, Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	5-3-99	BY *(Signature of Contracting Officer)*	8/9/99

A. Clause B.5, CONTRACT PRICES, is modified by adding, in Section 2001, monthly and annual prices for a new item C14-01d, "Building 500 Watchstanding:"

Contract Period	Monthly Price	Annual Price
March 1, 1999 - Feb 29, 2000	$[redacted]	$[redacted]

(b)4

B. As a result of the above, the total contract value is increased by [redacted] (b)4

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
8	June 23, 1999	112833F (c)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* YST9701 Obligate $1,729,994.00
YTT9701 Obligate $ 315,626.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* This unilateral contract modificaion is issued under the authority of clause 52.232-18, "Availability of Funds"

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The available funds are increased from $7,318,562 by $2,045,620 to $9,364,182.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Mark W. Manthey *(Signature of Contracting Officer)*	16C. DATE SIGNED 6/24/99

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE
		1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
7	March 1, 1999	112833G (p)	

6. ISSUED BY CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-05-21-2EA-9-0-09-2540-1-YTT9701-75 Obligate $1,373,583

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* Unilateral Contract Modification as authorize by Clause F.4, "OPTION TO EXTEND THE TERM OF THE CONTRACT."

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The amount of available funding is increased from $5, 944,979 by $1,373,583 to $7,318,562

b. The contract value is increased from $6,194,217 by $6,081,452 to $12,275,669.

c. The period of performance is extended through February 29, 2000.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 3/1/99

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
6	February 26, 1999		

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: The "Changes" clause
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The parties agree that the government retains its right to exercise its option to extend the term of this contract, as provided in Clause F.3 of the contract, notwithstanding that the government did not provide, wthin the required time period, notice to the contractor of the government's intent to exercise that option.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Clarence H. Sneed Project Manager		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*		BY _____ *(Signature of Contracting Officer)*	2/26/99

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE
		1 of 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
5	3/1/99	112833G (p)	

6. ISSUED BY — CODE 0616/MWM

NASA Glenn Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

950-20-05-21-2EA-9-0-09-2540-1-YTT9701-75 Obligate $326,417

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: The "Changes" clause
	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The contract is modified in scope and in value by the addition of the requirements to perform roads and grounds maintenance services and to provide 24-hour Watchstanding of the boilers in Building 500. The specific changes to the contract are explained on the pages below.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		16a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Clarence H. Sweet		Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY (Signature of person authorized to sign)	3-1-99	BY (Signature of Contracting Officer)	3/1/99

A. Clause B.5, CONTRACT PRICES, is modified as follows:

1. To reflect the addition of roads and grounds maintenance tasks to section C12;

a. Sections 1001, 2001, 3001, 4001, and 5001 are modified by replacing the existing "$0.00" prices for item C12, Surfaced Areas, with the following:

Contract Period	Monthly Price	Annual Price
March 1998 - Feb 1999	$41,483.50	$ 82,967
March 1999 - Feb 2000	$38,059.50	$456,714
March 2000 - Feb 2001	$38,992.25	$467,907
March 2001 - Feb 2002	$39,143.17	$469,718
March 2002 - Feb 2003	$43,106.10	$517,273

b. Sections 1003, 2003, 3003, 4003, and 5003 are modified by adding the following new labor categories and rates:

Contract line item -->	1003	2003	3003	4003	5003
Straight Time					
Groundskeeper (temp)	$24.33	$23.47	$24.04	$24.04	$24.04
Premium Hours					
Grounds supervisor	$0.94	$0.94	$0.94	$0.94	$0.94
Equipment operator	$0.94	$0.94	$0.94	$0.94	$0.94
Lead groundskeeper	$0.94	$0.94	$0.94	$0.94	$0.94
Groundskeeper	$0.94	$0.94	$0.94	$0.94	$0.94
Groundskeeper (temp)	$24.44	$24.41	$24.98	$24.98	$24.98
Overtime @ 1.5 X					
Grounds supervisor	$49.31	$50.25	$50.60	$50.60	$50.60
Equipment operator	$37.14	$40.38	$41.37	$41.37	$41.37
Lead groundskeeper	$40.31	$37.10	$37.95	$37.95	$37.95
Groundskeeper	$35.25	$35.21	$36.06	$36.06	$36.06
Overtime @ 2 X					
Grounds supervisor	$65.74	$67.00	$67.46	$67.46	$67.46
Equipment operator	$53.74	$53.84	$55.16	$55.16	$55.16
Lead groundskeeper	$49.52	$49.46	$50.60	$50.60	$50.60
Groundskeeper	$47.00	$46.94	$48.08	$48.08	$48.08

2. To reflect the addition of a new contract requirement for 24-hour, in-person monitoring of the Building 500 boilers to section C14;

Section 1001 is modified by adding monthly and annual prices for a new item C14-01d, "Building 500 Watchstanding:"

Contract Period	Monthly Price	Annual Price
March 1998 - Feb 1999	[redacted]	[redacted]

(b)4

3. As a result of the above, the contract values are increased by the following amounts:

Contract Year	Amount of Increase
1	[redacted]
2	$456,714
3	$467,907
4	$469,718
5	$517,273
TOTAL	[redacted]

(b)4

B. The amount of available funding for the fixed-price contract requirements is increased from $5,618,562 by $326,417 to $5,944,979.

C. Section C12, Surfaced Areas, of the Statement of Work, is replaced by the attached new text, which incorporates new requirements for roads and grounds maintenance.

D. Section C14, "Heating Plants," is modified by adding the following new contract requirement:

Watchstanding The physical presence, at the specified station or equipment, of personnel qualified to operate, repair, and maintain that station or equipment and to perform emergency trouble calls on that equipment.

"Contract Requirement No. C14-01d, Building 500 Watchstanding. The Contractor shall provide continuous watchstanding (24 hours/day, 365 days/year), for the steam-generating equipment located in building 500.

E. Clause F.2 is modified by adding, after "except for services required under...," the words "section C.12.5 and..." and by adding the following new sentence after the existing second sentence: "The contractor shall provide the services required under section C.12.5 beginning on January 1, 1999."

F. Clause H.2, DELIVERY ORDER PROCEDURE, is modified by adding the following new parapraph (i):

"(i) Special Ordering Procedures for Snow & Ice Removal

For snow or ice removal services under section C.12.6 of the statement of work, the Contractor shall initiate services as weather conditions require. The government will issue a Delivery Order in advance of anticipated requirements for these services, and the Contractor shall be paid based on actual hours performed in providing these services. However, the Government will not be obligated to pay for, and the Contractor shall not be required to provide, services which cost in excess of the funding which has been provided by the Delivery Order.

E. Attachment J-G.3, "Available Government Special-Purpose Equipment," is modified by adding equipment listed on the attached list, entitled "Roads & Grounds Equipment," which is provided to support the added requirements in section C12 of the Statement of Work.

SECTION C12: SURFACED AREAS MAINTENANCE AND REPAIR

1. GENERAL REQUIREMENTS

a. General Intention. The work under this section shall include REP, ROI, trouble calls, crack sealing; cutout of pavement for utility repairs; excavation and shoring for utility repairs; temporary and permanent patching of sections of bituminous (flexible) and concrete (rigid) pavements; pavement marking; maintenance of interior and exterior signs and barricades; maintenance of guardrails; and maintenance of fencing and associated gates, and grounds maintenance, and internal and external pest control services. The Contractor shall provide repairs to surfaced areas damaged from excavation as a result of making underground utility repairs under this contract. All work shall comply with the applicable directives, manuals and instructions listed in attachment J-C1.1, Section J. Prohibited species shall not be disturbed according to the "Endangered Species Management Plan," Attachment J-C12.3.

b. Attachment J-C12.1 lists all of the Surfaced Areas Maintenance and Repair systems to be serviced under the contract, which include:

(1) Roadways
(2) Parking Lots
(3) Sidewalks
(4) Fences
(5) Traffic Signal Lights
(6) Motorized Gates
(7) Grounds
(8) Building entrances

2. DEFINITIONS

Refer to Section C2.

3. GOVERNMENT-FURNISHED PROPERTY

Refer to Attachment J-G.5 for equipment which will be provided by the Government. In addition, the Government will furnish the fuel and service maintenance for the above equipment and fuel for the mowers. The Government reserves the right to replace any vehicle or equipment that the Government owns. The Contractor will maintain, repair and replace lawn mowers as required, and the replacement mower(s) will be the property of the Contractor.

4. CONTRACTOR-FURNISHED ITEMS

The Contractor shall furnish operator maintenance on all equipment.

5. FIXED PRICE WORK

Recurring Services

The Contractor shall be responsible for routine grounds maintenance that include; grass cutting; maintenance of ornamental areas; collection and removal of leaves; trash and debris from grounds, window wells, roads and ditches; maintenance of earthen mounds; tree, hedges, and shrub trimming and pruning; animal control, and pest control; maintenance of baseball, soccer fields, and the jogging

track. The Contractor is also responsible for snow and ice removal, maintaining the grounds of the Day Care Center; weekly refuse pickup of grounds; maintenance of signs (street, traffic, etc.) maintenance of perimeter fence line and gates; maintenance of roadway and parking lots; and the trucking of excess snow to west area. The maps contained in Attachment J-C12.1d display the grounds to be maintained in this contract.

a. Contract Requirement C12-01 Routine Grounds Maintenance

Routine grounds maintenance shall be performed according to the requirements listed below and as specified on the grounds maintenance maps contained in Attachment J-C12.1d . Maps 1-GM through 4-GM identify the snow/lawn areas to be maintained, the locations of the work described in requirements below and the priority, location and quantities. The grass areas are identified as Type1, Type 2 and Type 3. Routine fixed-price service is required for these areas. Type 1 grass has the same requirements as Type 2 grass, and Type 3 grass has the same requirements as Type 1 and Type 2 with the exception of edging requirements. The Contractor shall provide services according to the requirements, quality standards, and schedule listed below.

(1) Maintain Type I Grass Area

The Contractor shall maintain Type I grass areas to acceptable Industry Standards. Attachment J-C12.1d provides information on the location and geographic boundaries of the land parcels which make up the area and a summary of the type of vegetation which they contain.

(a) Grass Cutting. All grass areas located within this maintenance level shall be maintained according to Industry Standards. Grass areas close or adjacent to buildings, hydrants, parking lots, manholes, fences, trees, hedges, and shrubs are included in mowing requirements. If any bare ground within the limits of a lawn area becomes vegetated with grass, weeds, or other similar growths through natural spread, i.e., not artificially planted, it shall be maintained. Grass cutting is to be accomplished free of scalping, rutting, bruising, and uneven and rough cutting and produce a neat, clean, even cut. After cutting, grass shall have a uniform height. Grass clippings shall be uniformly distributed over the mowed area, and shall not be windrowed or allowed to be deposited in piles or clumps. Grass clippings/trimmings shall be removed from sidewalks and other paved areas the same day the grass is cut and disposed of the day as collected.

(b) Trimming, Maintain 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 surrounding mowed grass. Trimming operations shall not damage trees and shrubs. Trimming with herbicide treatment shall be confined to an area extending a maximum 12 inches from the object being trimmed. Grassed areas, trees, or shrubs killed or damaged as a result of the Contractor's work shall be repaired or replaced by the Contractor at no cost to the Government. Trimming operations shall be considered a part of grass cutting and shall be accomplished concurrently with grass cutting operations. Grass cutting shall not be considered complete until all trimming operations are accomplished.

(c) Weeds and undesirable plant growth shall be eradicated from foundation plantings, ornamental islands, along perimeter fence lines, graveled electrical substations, storage areas and graveled perimeters and drives. The Contractor shall coordinate access to restricted and HARZARD areas with the COTR.

(d) Edging, All sidewalks, driveways, street edges, curbs, and other paved areas located within this maintenance level shall be edged. Edged lines shall be neat and clean, and shall be free of scalping, rutting, bruising, and uneven and rough cutting. All edging shall be performed by

mechanical (non-herbicidal) means, except where driveway and street pavement edges are not discernible due to grass encroachment. In these cases a straight and even line approximating the pavement edge shall be established and maintained by mechanical means. Herbicides shall not be used to eliminate or reduce normal mechanical edging along discernible straight paved edges such as sidewalks and, curbs. In conjunction with edging, all vegetation shall be removed from expansion joints and cracks, and that has encroached onto the paved areas in all paved surfaces in the parcel. Herbicides can be used to reduce the amount of mechanical work that may otherwise be necessary. Debris generated by edging operations that falls or is thrown on sidewalks, curbs, gutters, or streets or is thrown on nearby grass shall be removed from the site and the same day the edging is accomplished and disposed of the same day as collected.

(2) Maintain Type 2 Grass Areas

The Contractor shall maintain Type 2 grass areas as specified in Type I grass areas above in accordance with Industry Standards.

(3) Maintain Type 3 Grass Areas

The Contractor shall maintain Type 3 grass areas as specified in Type I grass areas in accordance with Industry Standards. Edging in this area is required only for the Type 3 grass area along underpass road once monthly and to the edges of the running track twice during the mowing season.

(4) Maintain Ornamental Areas

The contractor shall inspect and police ornamental areas. Areas shall be maintained free of weeds and unwanted grasses. Stone, mulch, and gravel shall be raked to a uniform pattern. Ornamental plantings shall be trimmed if necessary, to a uniform shape.

(5) Collect and Remove Leaves, Trash, and Debris from Grounds, Roads and Window wells

(a) Grass Cutting. Prior to cutting grass, 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, dead leaves, and other debris lodged in shrubs, hedges, fences, and along foundation and other walls. Debris shall be disposed of the same day as collected.

(b) Leaf Removal The Contractor shall remove fallen leaves seasonal or as needed to maintain clear lawn areas, flower beds, and window wells. During leaf removal operations, the Contractor shall collect and dispose of all trash and debris. The Contractor shall collect and remove all leaves on grass, in and around shrubs and bushes, along surfaced areas, and next to buildings and structures. The Contractor is required to remove and dispose of leaves, trash, and debris on the same day as collected.

(6) Remove Debris from Open Ditches Culverts and Storm Catch Basins

The Contractor shall inspect and clean debris from open ditches, culverts and storm catch basins. Special inspection and cleaning shall be conducted following severe storms to ensure proper drainage and prevent flooding.

(7) Earthen Mounds

The Contractor shall maintain plant growth on earthen mounds, as shown on maps I -GM through 4-GM. Mounds covered with grass shall be mowed in accordance with Industry Standards. Mounds covered with miscellaneous plant growth shall be maintained with a trimmer. Weeds and grasses shall be eradicated around cable and piping trap that run through, around or over earthen mounds. Area number 22 on the map is not to be maintained. Maintain the exposure of the mound facing Building 204.

(8) Trim and Prune Ornamental and Shade Trees

The Contractor shall maintain ornamental and shade trees, as shown in attachment I.

(a) Tree Inspection. The Contractor shall inspect for dead, damaged, and diseased trees within the improved, semi-improved, and unimproved grounds area during the period of April through October. The contractor shall submit to the COTR, within five work days of the inspection, an inspection report identifying any dead, damaged, or diseased trees and recommend action to be taken.

(b) 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. All tree pruning shall be accomplished by or under the supervision of a person who's trained, experienced, and otherwise qualified in proper tree pruning techniques. Verification of such training, experience, and qualifications shall be acceptable to the COTR prior to initiation of any tree pruning. 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 the same working day. Pruning shall be accomplished in a manner so as to:

(i) Remove dead, damaged, or diseased wood; or structurally weak limbs that may cause a safety hazard or unsightly appearance, including the removal of dead palm fronds.

(ii) Remove branches that extend over buildings and endanger roofs, eaves, and windows; or hang within 8 feet vertically of sidewalks, parking lots, and driveways.

(iii) Provide clearance for buses, moving vans, and similar vehicles along streets.

(iv) Cut back branches that overhang or grow into power lines. Anticipate the effects of wind on branches, which might fall on power lines and cut back accordingly. Shape the entire tree rather than notch the top.

(v) Remove growth of small trees in front of windows, over entranceways or walks, and those that will obstruct vision at street intersections.

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

(vii) Branch stubs shall not be allowed. All branches shall be pruned (removed) 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).

(9) Trim Evergreen Trees, Shrubs, and Hedges

The Contractor shall trim all damaged, unsightly or intrusive shrubs and hedges and remove all debris. Shrub or hedge limbs that rub against buildings or structures (including fences), extend over surfaced areas, or interfere with vehicular lines of sight shall also be trimmed or removed. Attachment I provide the identification of evergreen trees, shrubs and hedges.

(a.) Shrubs. The Contractor shall trim and prune all shrubs and bushes, within the improved areas, to remove dead, injured, abnormal or otherwise undesirable growth and to reduce size if shrub or bush is causing interference with a structure or pedestrian or vehicular traffic. The Contractor shall establish and maintain the natural form of the shrubs and bushes by removing old and injured canes and allowing development of young and vigorous shoots. Evergreen shrubs shall be pruned between the beginning of May and the end of October. Summer flowering shrubs shall be pruned after flowering is complete and before the end of July.

(b.) Hedges. Hedges shall be trim to maintain their existing shapes; no informal hedges shall be converted to formal shapes. The Contractor shall maintain hedges free of all dead or broken limbs. All clippings, branches and debris resulting from hedge trimming and pruning shall be removed the same day work is accomplished. Hedge trimming shall be performed between the beginning of May and the end of October.

(10) Animal and Pest Control (indoor and outdoor)

The Contractor shall provide services to set humane traps for the capture, and removal of small nuisance animals such as; raccoons, opossum, woodchucks, ground hogs, squirrel, and birds. Captured animals and birds shall be safely removed from the main area of Lewis and released in a more remote area. If the Contractor is required to remove an injured, diseased or dead deer, the removal shall be coordinated with the City of Brookpark, or the City of Fairview Park or the City of Cleveland. These traps shall be checked daily. Trapped rodents shall be removed from the Lewis Research Center that same day. The Contractor shall provide control and eradication of pests, insects, rodents and other undesirable species, from the grounds and buildings.

(11) Maintain Soccer Field

The Contractor shall maintain the soccer field in accordance with Type 2 Grass. The field shall be maintained from the beginning of May, through the end of September

(12) Maintain Baseball Fields

The Contractor shall maintain the two baseball fields. Foul lines and out of bound markers; shall be maintained. Infield shall be dressed following rainy periods or when compacted. Weeds and grasses shall be eradicated along outfield fence lines. Outfield grass shall be maintained according to Type 2, Grass Area. Infields shall be supplied with soil as required and raked. Following inclement weather, the infields shall be raked. The fields shall be maintained from the beginning of May through, the end of September.

(13) Maintain Jogging Track

The jogging track shall be raked and rolled to maintain a safe jogging environment. Weeds and grasses shall be removed from track surfaces. Ruts and holes shall be filled to maintain even surface.

(14) Snow and Ice Removal

(a) During normal work hours, the Contractor shall remove snow and ice to maintain safe access to facilities by the means of plowing, shoveling and/or abrasive melting agent. Areas include, but are not limited to, all roads and streets, taxi runway, parking areas, walkways, building entrances/exits (including steps, handicapped ramps and landings leading to all building doors), storm water runoff and remove snow that are blocking refuse containers. Also the Contractor shall provide clear access to fire hydrants. Locations and quantities of roads, parking areas, and walkways are specified on maps I-SRP through 3-SRP. If desired, the Contractor can provide and install snow fencing to minimize plowing due to drifting snow in areas identified on the map labeled Attachment E.

(b) Plan of Operation The Contractor shall submit to the COTR for approval a General Snow and Ice Removal Plan of Operations. The Plan should incorporate existing procedures, standards and scheduling documentation, an anticipated order of precedence for snow and ice removal operations considering all of the effected surfaced areas and their relative priorities as specified on the maps. The Contractor shall review the Plan at lease twice annually and submit a updated Plan, at no additional cost to the Government.

(15) Maintain Perimeter Grounds Day Care Center, Building 398

The Contractor shall maintain the perimeter lawn areas around the Day Care Center, Building 398. The lawn areas shall be maintained according to Type 2 Grass Area. Playground pea gravel shall be tilled and raked. Weeds and grasses along perimeter fence lines shall be eradicated. The Contractor shall notify Day Care Center personnel prior to any application of herbicides and bug control.

(16) Maintain the Recreation Grounds (Bldg. 317 & 318) and Management Conference Building (Bldg. 300)

The Contractor shall maintain the grounds free of debris, provide bug control, and remove any low dead tree limbs.

(17) Weekly Sweep of Grounds

The Contractor shall conduct a weekly pick-up of any debris throughout the Center grounds, roadways and streets, and parking lots. The debris generated shall be removed and disposed of the same day.

(18) Signs Maintenance

The Contractor shall provide minor repair and/or refurbishment to existing signs, including posts and sign supports. Sign shall be repaired and/or refurbished to same size, color, design and durability as the original throughout the Center.

(19) Perimeter Fence Line Maintenance

The Contractor shall maintain the inside of the perimeter fence, including removal of debris and trash, grass, weeds, trees (less 2 inches in diameter) and all other vegetative growth to the ground or payment level within a maximum of 12 inches on the inside of the fence lines. The debris generated shall be removed and disposed all the same day.

(20) Roadway and Parking Lots Maintenance

The Contractor shall maintain roadways and parking lots by repairing minor damage, such as small potholes, cracks, or breaks.

(21) Truck Excess Snow to West Area of Lewis

In the event of a large quantity of snow pile built-up, the Contractor shall move excess snow from roadways and parking lots, by loaded into trucks or trailers and transported to the Lewis West Area parking area. The dump area for excess snow is defined in Map 3-SRP.

b. "Trouble Call" Requirements

The Contractor shall perform trouble call work as necessary to ensure normal operation of those items listed in the General Requirements section 1 paragraph B, and maintain surfaced areas necessary to ensure safe and orderly condition. The Contractor also perform trouble call work as necessary to determine the cause of system and equipment malfunctions, eliminate the cause(s), and restore the system or equipment to satisfactory working condition, such as; traffic signal not operating, motorized gate not operating, etc.

6. INDEFINITE QUANTITY WORK

Indefinite quantity work, list below are some examples of IDIQ work, shall be ordered in accordance with section C6 in conjunction with the CMMS

a. Perimeter Fence Line Maintenance.

Fence line maintenance shall consist of the removal of grass, weeds, trees (less than 2 inches in diameter at ground level), and all other vegetative growth to ground or pavement level within a maximum 12 inches on both sides of the fence lines. Debris generated by fence line maintenance shall be removed and disposed of the same working day.

b. Unscheduled Snow and Ice Removal Services

Unscheduled snow and ice removal is defined as snow and ice removal that is not performed during normal work hours. The Contractor shall remove snow and ice to maintain safe access to facilities by the means of plowing, shoveling and/or abrasive melting agent. Areas include, but are not limited to, all roads and streets, taxi runway, parking areas, walkways, building entrances/exits (including stairs, handicapped ramps and landings leading to all building doors), storm water runoff and remove snow that are blocking refuse containers. Also the Contractor shall provide clear access to fire hydrants. Locations and quantities of roads, parking areas, and walkways are specified in Attachment C, maps I-SRP through 3-SRP. If desired, the Contractor can provide and install snow fencing to minimize plowing due to drifting snow in areas identified on the map labeled Attachment E.

c. Road Surface Repair.

Resurfacing, "overlaying" of pavements, is not included in this contract. Repair of large sections of bituminous and concrete pavements, requiring replacement due to excavation and repair of collapsed sections of underground pipes, culverts or other structures, will be ordered as IDIQ work per paragraph C6.3, Section C6.

d. Excavation

The Contractor shall provide excavation services when exposure of underground piping is required to make repairs. The Contractor shall provide installation and removal of shoring, as required, to ensure safe working conditions for Contractor personnel. Upon completion of the excavation, the Contractor will backfill and compacts the excavation to the original grade. The Contractor will break-up and remove concrete, asphalt and other debris and dispose of it at an approved disposal site.

e. Outdoor Chemical Applications, Tree's

The Contractor shall spray or inject ornamental trees with fertilizers, dormant oil and pesticides as required to maintain trees free of disease.

f. Outdoor Chemical Applications

The Contractor shall apply fertilizers, fungicides, insecticides, herbicides, pesticides, and other specified chemicals in order to maintain the Type I and Type 2 Grass areas and plant life, in strict accordance with Lewis Environmental programs Manual and FIFRA.

g. Indoor Chemical Application

The Contractor shall provide services to chemically spray, dust and place bait for the control and eradication of household pests, insects, rodents and other undesirable species'. This service shall comply with all Federal codes and laws covering chemical applications and the services performed by an exterminator, licensed by the State of Ohio in this specific category. Specific attention should be given to building entranceways, rest rooms and areas involving food storage or preparation activities.

h. Type 3 Grass Edging

All sidewalks, driveways, street edges, curbs, and other paved areas located within this maintenance level shall be edged. Edged lines shall be neat and clean, and shall be free of scalping, rutting, bruising, and uneven and rough cutting. All edging shall be performed by mechanical (non-herbicidal) means, except where driveway and street pavement edges are not discernible due to grass encroachment. In these cases a straight and even line approximating the pavement edge shall be established and maintained by mechanical means. Herbicides shall not be used to eliminate or reduce normal mechanical edging along discernible straight paved edges such as sidewalks and, curbs. In conjunction with edging, all vegetation shall be removed from expansion joints and cracks, and that has encroached onto the paved areas in all paved surfaces in the parcel. Herbicides can be used to reduce the amount of mechanical work that may otherwise be necessary. Debris generated by edging operations that falls or is thrown on sidewalks, curbs, gutters, or streets or is thrown on nearby grass shall be removed from the site and the same day the edging is accomplished and disposed of the same day as collected.

7. RECORDS AND REPORTS

Herbicide Reporting - A detailed pesticide application report shall be submitted upon completion of the work..

8. DETAILED SPECIFICATIONS

a. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), officially cited in USC Title 7, Section 136, 61 Stat. 163 (1947), as amended, is the basis for federal pesticide legislation. The intent of FIFRA is to regulate the manufacture, transportation, application, storage and disposal of pesticides. The Federal law is administered by the U.S.E.P.A. Chapter 921 of the Ohio Revised Code defines the Ohio Pesticide Law. The Ohio Department of Agriculture enforces it within the State. The Occupational Safety and Health Act (OSHA) Safety and Health Standards pertaining to FIFRA are contained in.29 CFR 1910.

b. The Contractor shall be licensed by the State of Ohio to provide vegetation control in the categories specified in this contract. All work shall be in accordance with federal, state, local laws and Lewis regulations. All tanks, hoses, pups, control valves, and gauges shall be free of visible deterioration, shall not leak, and shall operate at the manufacturers' recommended rates and pressures. Contractor furnished equipment that has failed shall be replaced or repaired by the Contractor prior to resuming operations. Extreme care shall be exercised to avoid entry of herbicides into drainage structures, streams, ditches, and storm sewers.

c. The Contractor shall comply with the Lewis Environmental Programs Manual, ref. Chapter 24, Pest Control.

d. The Contractor shall protect plants and wildlife in accordance with the Lewis Endangered Species Management Plan, Attachment J.

e. Prior to entering and performing any grounds maintenance tasks in Area #34, and any other areas identified on the maps as hazard areas, the Contractor shall request and receive prior entry approval from the COTR.

f. All Contractor Employees operating snow removal equipment required a Commercial Drivers License (CDL) and shall possess a CDL. Equipment operators for all equipment shall be fully qualified to operate the equipment. In addition to equipment operation, qualifications shall include a thorough knowledge of station pavement layout including all curbs, guardrails, parking lots, hydrants, traffic signs, and utility access covers.

Attachment J-C12.1d

Grounds Inventory

Grounds Inventory

Grounds Maintenance work consists of approximately eighty-one acres of maintainable grass and eighty acres of field areas.

Fence

45,000 linear feet of fence line including the perimeter fence, substation enclosures, transformer enclosures, storage site enclosures and restricted enclosures.

Graveled Area

6 acres - Miscellaneous graveled area including areas around buildings, test sites and under overhead structures

5 acres - Around substations and transformers

4 acres - Around strage areas in South 40

1/10 acre - West Area Road berms

1-1/2 acre - Photovoltaic Complex

Shrubs

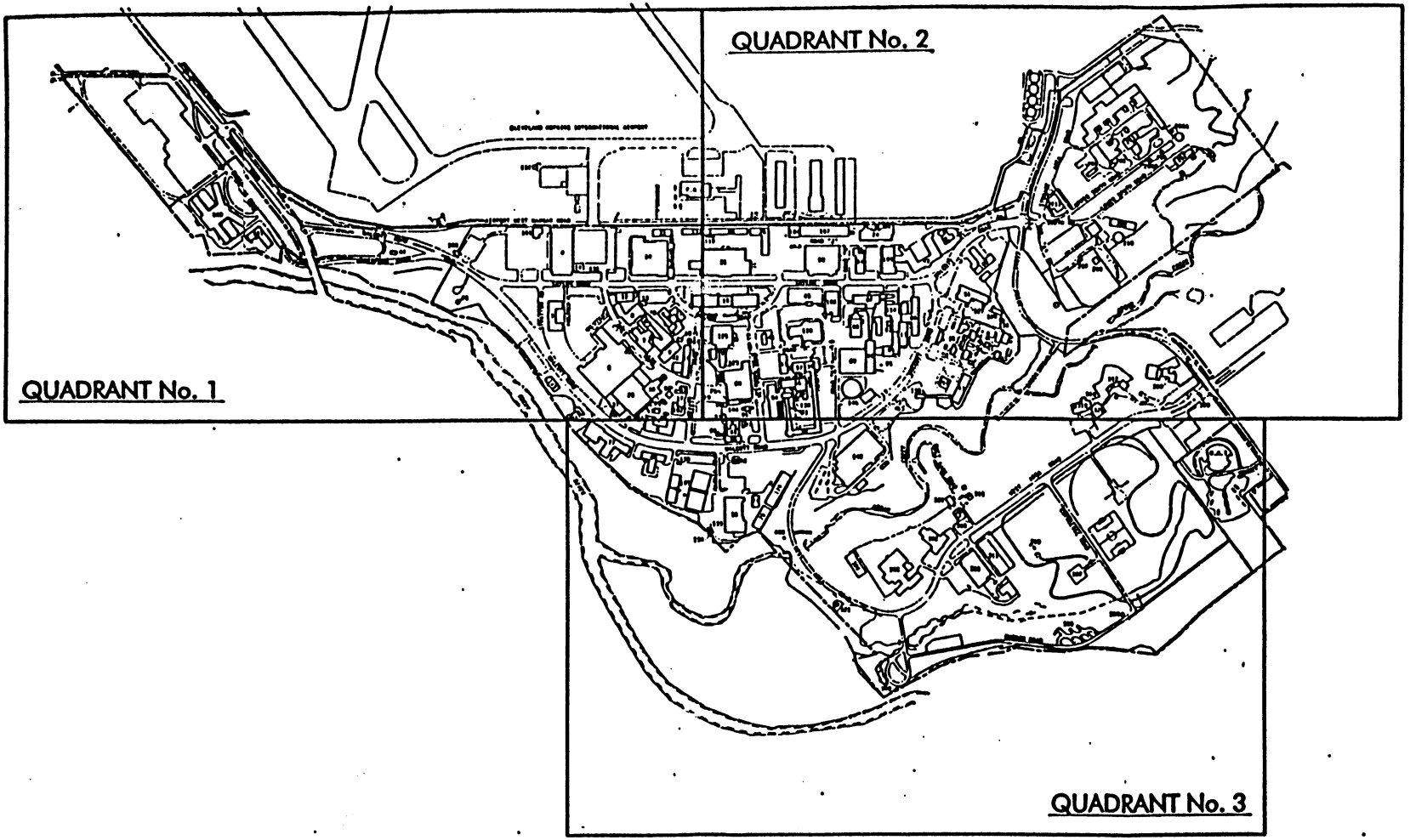
300 medium sized ornamental shrubs

Trees

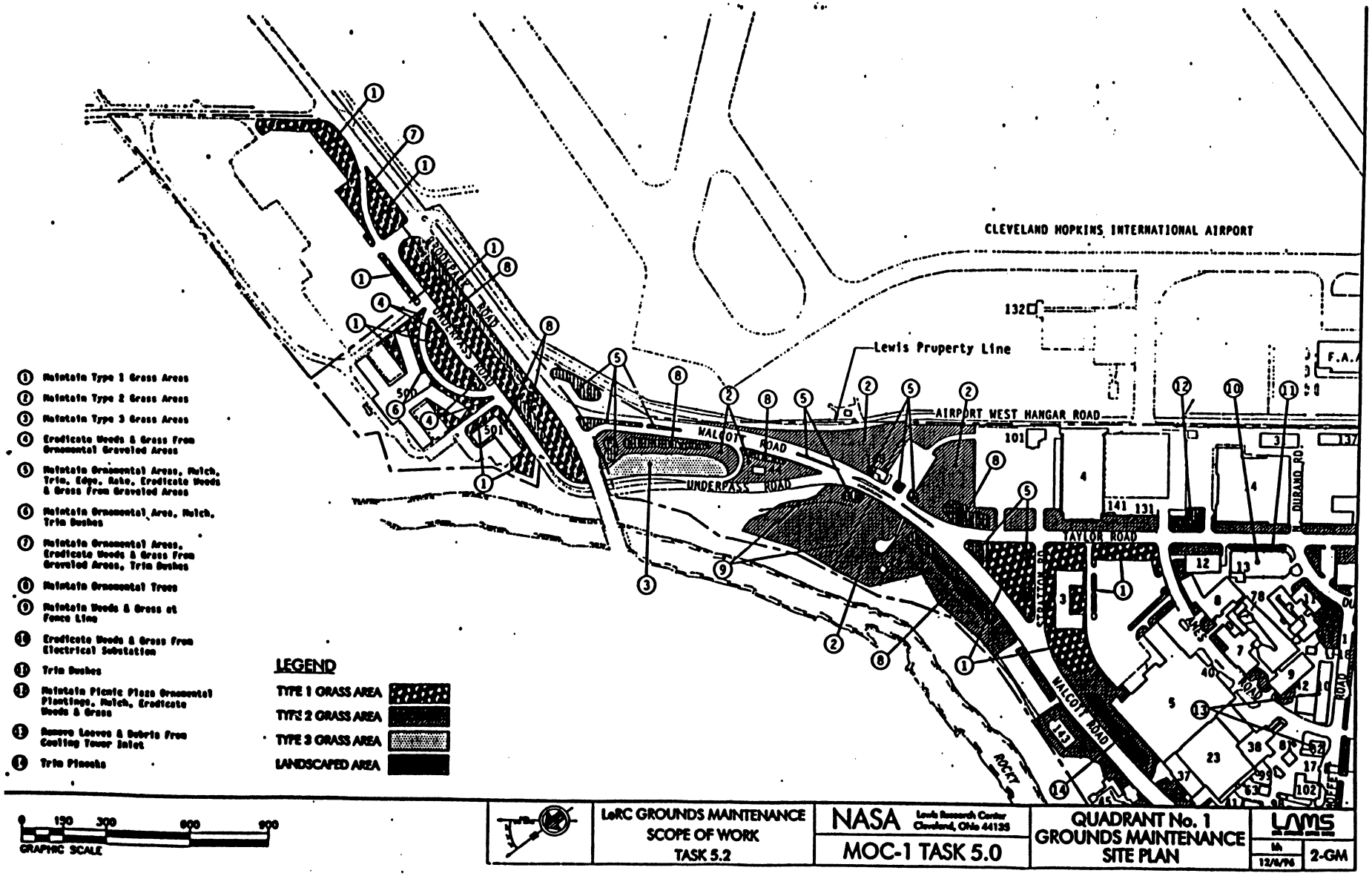
450	Small to medium size ornamental flowering trees
140	Small to medium size shade trees

Attachment J-C12.1e

Grounds Maintenance and Snow and Ice Removal Maps

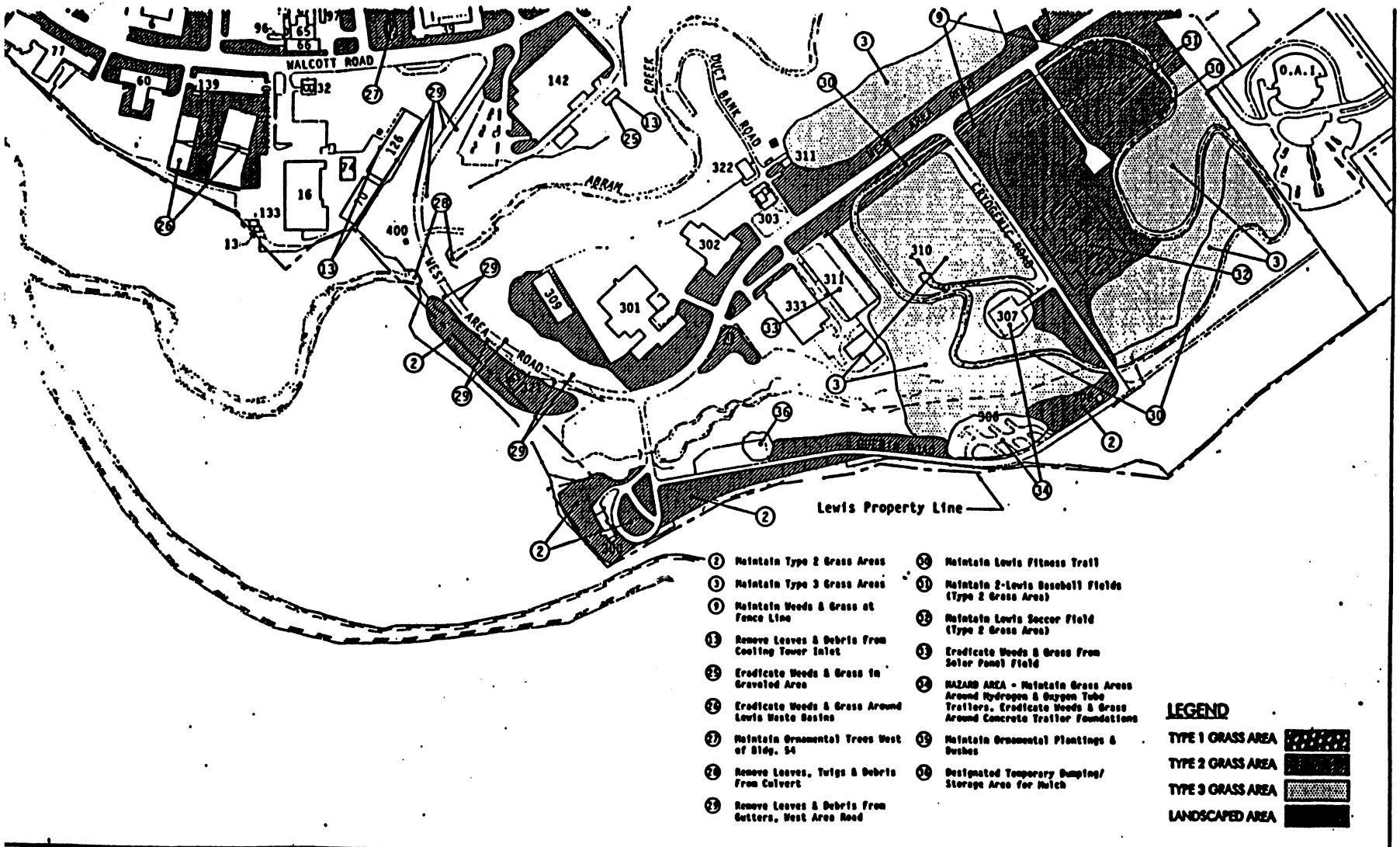


	LeRC GROUNDS MAINTENANCE & SNOW AND ICE REMOVAL SCOPE OF WORK - TASK 5.2	NASA Lewis Research Center Cleveland, Ohio 44135. MOC-1 TASK 5.0	OVERALL LeRC SITE PLAN	LAMS lmh 11/26/96 1-GM



	LeRC GROUNDS MAINTENANCE SCOPE OF WORK TASK 5.2	NASA Lewis Research Center Cleveland, Ohio 44135 MOC-1 TASK 5.0	QUADRANT No. 1 GROUNDS MAINTENANCE SITE PLAN

LAMS
12/6/96
2-GM



2 Maintain Type 2 Grass Areas

3 Maintain Type 3 Grass Areas

9 Maintain Weeds & Grass at Fence Line

13 Remove Leaves & Debris From Cooling Tower Inlet

25 Eradicate Weeds & Grass in Graveled Area

26 Eradicate Weeds & Grass Around Lewis Waste Basins

27 Maintain Ornamental Trees West of Bldg. 54

28 Remove Leaves, Twigs & Debris From Culvert

29 Remove Leaves & Debris From Gutters, West Area Road

30 Maintain Lewis Fitness Trail

31 Maintain 2-Lewis Baseball Fields (Type 2 Grass Area)

32 Maintain Lewis Soccer Field (Type 2 Grass Area)

33 Eradicate Weeds & Grass From Solar Panel Field

34 HAZARD AREA - Maintain Grass Areas Around Hydrogen & Oxygen Tube Trailers. Eradicate Weeds & Grass Around Concrete Trailer Foundations

35 Maintain Ornamental Plantings & Bushes

36 Designated Temporary Dumping/ Storage Area for Mulch

LEGEND

TYPE 1 GRASS AREA

TYPE 2 GRASS AREA

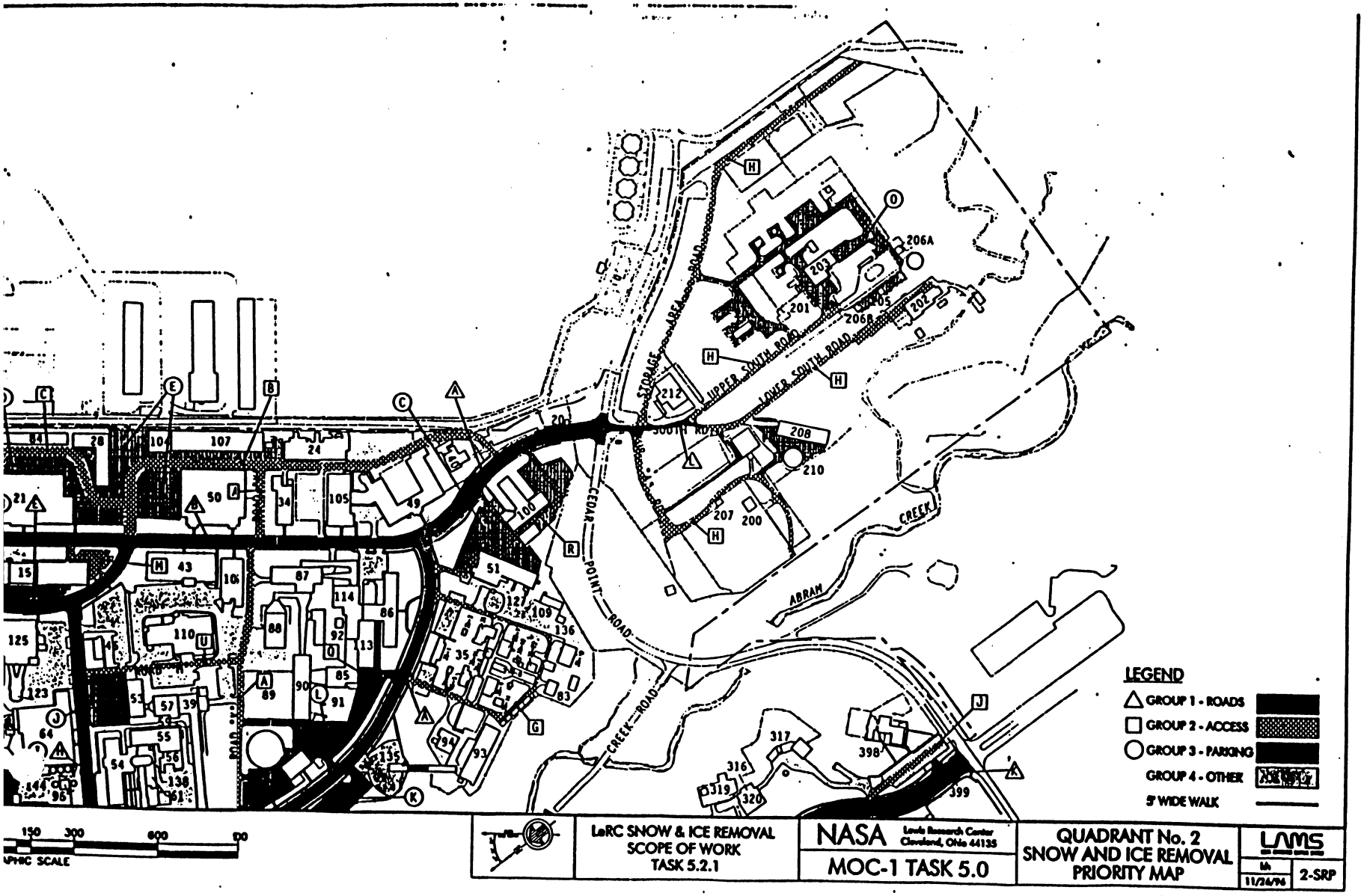
TYPE 3 GRASS AREA

LANDSCAPED AREA

150 300 600 900

GRAPHIC SCALE

LeRC GROUNDS MAINTENANCE SCOPE OF WORK TASK 5.2	NASA Lewis Research Center Cleveland, Ohio 44135	QUADRANT No. 3 GROUNDS MAINTENANCE SITE PLAN	LAMS
	MOC-1 TASK 5.0		12/6/96 4-GM



	LaRC SNOW & ICE REMOVAL SCOPE OF WORK TASK 5.2.1	NASA Lewis Research Center Cleveland, Ohio 44135 MOC-1 TASK 5.0	QUADRANT No. 2 SNOW AND ICE REMOVAL PRIORITY MAP	LAMS 11/24/96 2-SRP

Attachment J-C12.1f

Building Entrances

NASA Lewis Research Center
Building Audit
Table Number 2

A Building Number	B Building Occupancy	C No. of Bldg. Exits to be Shoveled/Salted
3	68	4
4	39	4 + Hanger Apron
5	192	17 + Dock + Apron
6	170	5
7	35	3
8	20	4
9	0	3 + Apron
11	28	4
12	0	5 + Apron

A Building Number	B Building Occupancy	C No. of Bldg. Exits to be Shoveled/Salted
14	85	4
15	68	8 + Kitchen Loading Dock
16	14	4
20	0	1
21	230	6 + Two Loading Docks
23	84	4 + Dock with Apron
24	20	4 + Apron for High Bay Door
28	28	4 + Blue Print Loading Dock
34	6	3
35	0	All Entrances & Walkways Around 22 Cells
37	0	1 + Loading Dock
38	0	3 + Loading Dock with Apron
39	0	Air Inlet Apron, Pass-thru Drive, 9X15 Control Room Exit
45	4	3
49	120	6 + Loading Dock + Area Way
50	65	3 + Two Aprons
51	15	3

A Building Number	B Building Occupancy	C No. of Bldg. Exits to be Shoveled/Salted
85	0	1
86	256	5
87	0	1 + Apron
88	0	Area Way
90	0	2 + Apron
94	0	3
98	0	2
100	25	2
101	0	4 + Two Aprons
102	4	3 + Two Aprons
104	6	7 + Apron
105	67	4 + Apron
106	60	3 + Loading Dock
107	141	5 + Multiple Aprons for High Bay Doors
108	3	2
110	43	6

A Building Number	B Building Occupancy	C No. of Bldg. Exits to be Shoveled/Salted
309	33	3
316	0	0
317	0	Plow Access Drives Only
320	7	2
322	0	1
333	26	5 + Aprons for Two High Bay Doors
398	Not Applicable	8 + Handicapped Ramp
399	0	1
500	508	5 + Loading Dock
501	164	3

Notes:

1) Reserved
2) Building occupancy numbers are current as of 10/18/96
   "Occupancy" is defined as an assigned office space or typically occupied shop or test cell space.
3) Buildings which are shown with an occupancy number of "0" are typically labs, test cells, storage areas, or industriall equipment buildings.
4) Reserved
5) Reserved
6) In column C, the word "Salt" is used as a generic term for "Snow and Ice Melting Compound". The Contractor shall use a compound which is environmentally safe and will not degrade concrete surfaces.
7) Snow and ice removal from building entrances/exits is part of the Task 5.2 Grounds Maintenance scope of work.
8) For the Lewis Day Care Facility, Building 398, only snow and ice removal (shoveling of the eight exits and the handicapped ramp, the parking lot and the walkways as indicated in Section J, Attachment S) and grounds maintenance services shall be considered within the scope of work of this Task.

Attachment J-C12.3

Endangered Species Management Plan

ENDANGERED SPECIES MANAGEMENT PLAN FOR THE NASA LEWIS RESEARCH CENTER

PREPARED BY:
The Bionetics Corporation
for
THE ENVIRONMENTAL MANAGEMENT OFFICE,
NASA LEWIS RESEARCH CENTER
Cleveland, Ohio

December 6, 1996

Prepared by:

Kerri Kahlenberg
Richard Kalynchuk

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Executive Summary

This document is an outgrowth of the Biological Inventory of Lewis Research Center. The inventory was taken in 1995. The purpose of this Endangered Species Management Plan (ESMP) is to: present information on the Ohio-listed species at Lewis Research Center (LeRC); to define conservation goals for these species; to outline a plan for management of the species and their habitat that will enable achievement of conservation; to introduce landscaping practices designed to provide the Center with environmentally and economically beneficial results; and discuss other recommendations provided in the Biological Inventory report.

Implementing the recommendations will result in:

1. landscaping practices that comply with the letter and spirit of the Endangered Species Act, and;

2. compliance with an Executive Memorandum which addresses landscaping practices within federal facilities.

The level of effort required to meet these goals maybe outweighed by the cost savings resulting from more environmentally beneficial landscaping practices.

Executing the Plan requires that areas harboring potentially threatened species be protected. Three localized areas will be posted with signs notifying persons in the area of the presence of threatened species. Twice a year, the Environmental Management Office will monitor each of the areas to determine the health and abundance of the target species. This information will be recorded and placed on file within the Environmental Management Office. If any listed species displays a significant reduction in number, the EMO will consult with Ohio Department of Natural Areas and Preserves regarding plans for a recovery effort. All practicable means will be taken to implement the recommended recovery plan.

Three areas of Lewis have been designated as areas which should receive special conservation practices. These areas include the wooded area behind Building 309, Abram Creek Valley, and grassland adjacent to the airport. It was recommended that the grassland adjacent to the airport not be mowed until late summer to preserve habitat for birds. The remaining two areas should not be disturbed.

There is an optional practice that would generally benefit most desirable species. Some lawn areas within Lewis serve no purpose other than aesthetics. These areas could be permitted to revert to medium and tall grass meadows. This practice would reduce the level of maintenance effort at the Center while generally benefiting the environment.

1.0 Introduction

1.1 General Objectives and Purpose

The purpose of this Endangered Species Management Plan (ESMP) is to: present information on the Ohio-listed species at Lewis Research Center (LeRC) (Map 1); to define conservation goals for these species; to outline a plan for management of the species and their habitat that will enable achievement of conservation; to introduce landscaping practices designed to provide the Center with environmentally and economically beneficial results; and discuss other recommendations provided in the Biological Inventory report.

1.2 Regulations

The Endangered Species Act of 1973 established the purposes and policies of the United States with respect to endangered species. This Act requires Federal agencies to ensure that all federally associated activities within the United States do not have adverse impacts on the continued existence of threatened or endangered species or critical habitats that are important in conserving those species. 50 CFR 17.11 and 17.12, implemented in 1983, address endangered and threatened species and provide a listing of species which fall within these categories. The State of Ohio maintains its own Endangered and Threatened Species programs. Ohio's program is codified in ORC 1517 and 1518.

1.3 Applicability to LeRC

The Biological Inventory of NASA Lewis Research Center (1996), revealed the presence of no federally recognized endangered species. This was the conclusion of a survey performed at Lewis by the Ohio Department of Natural Areas and Preserves. The survey did, however, confirm the presence of a few state-listed potentially threatened species. The state regulations do

not apply on Federally owned land. Furthermore, the species located are potentially threatened, and state law does not require conservation of these species.

1.4 Plan Intent

Although environmental compliance is the greatest concern in resource management practices at LeRC, it would be shortsighted to ignore the long term consequences of landscape management practices. The presence of state listed potentially threatened species at Lewis has been documented. It is in the long term best interest of NASA to manage its landscape resources in a manner that will provide the critical habitat that will encourage the continued existence of potentially threatened species. This is the primary goal of this Management Plan. This Management Plan also addresses the general recommendations of the Biological Inventory report, which encourages Lewis to seek opportunities to use native plant species in its landscaping practices.

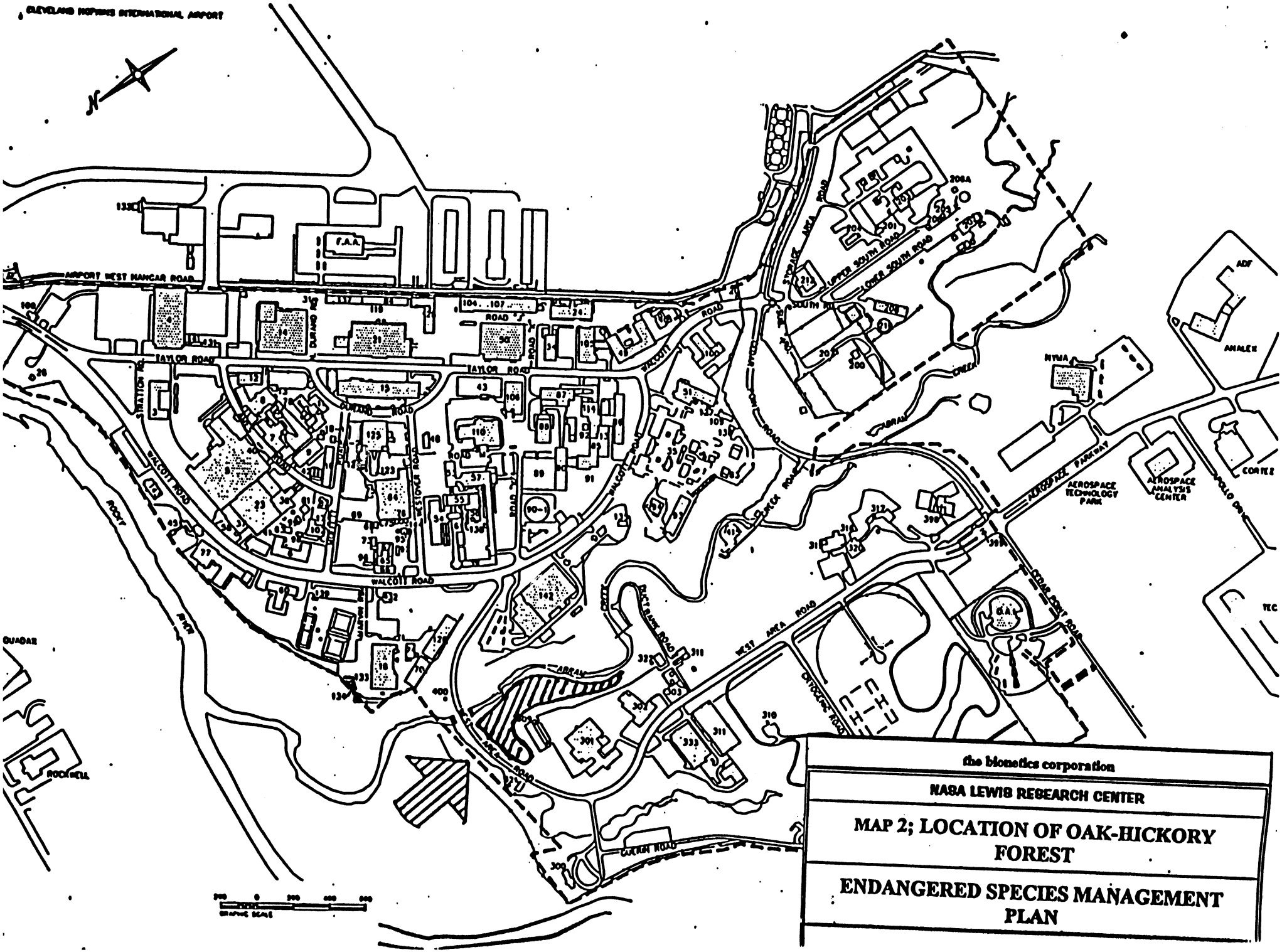
The components of the plan include, but are not limited to:

- Information on the species and habitat distribution and the size of the installation population
- Objective, measurable criteria for meeting conservation goals
- Specific management guidelines and necessary actions to meet those goals
- Estimates of the time, the cost, and the personnel needed to carry out those measures
- Recommended monitoring practices

2.0 Species Information

2.1 Plant Communities

No significant plant communities were discovered in 1995 at the Lewis Research Center. The natural vegetation has been highly disturbed by removal of forest cover and subsequent



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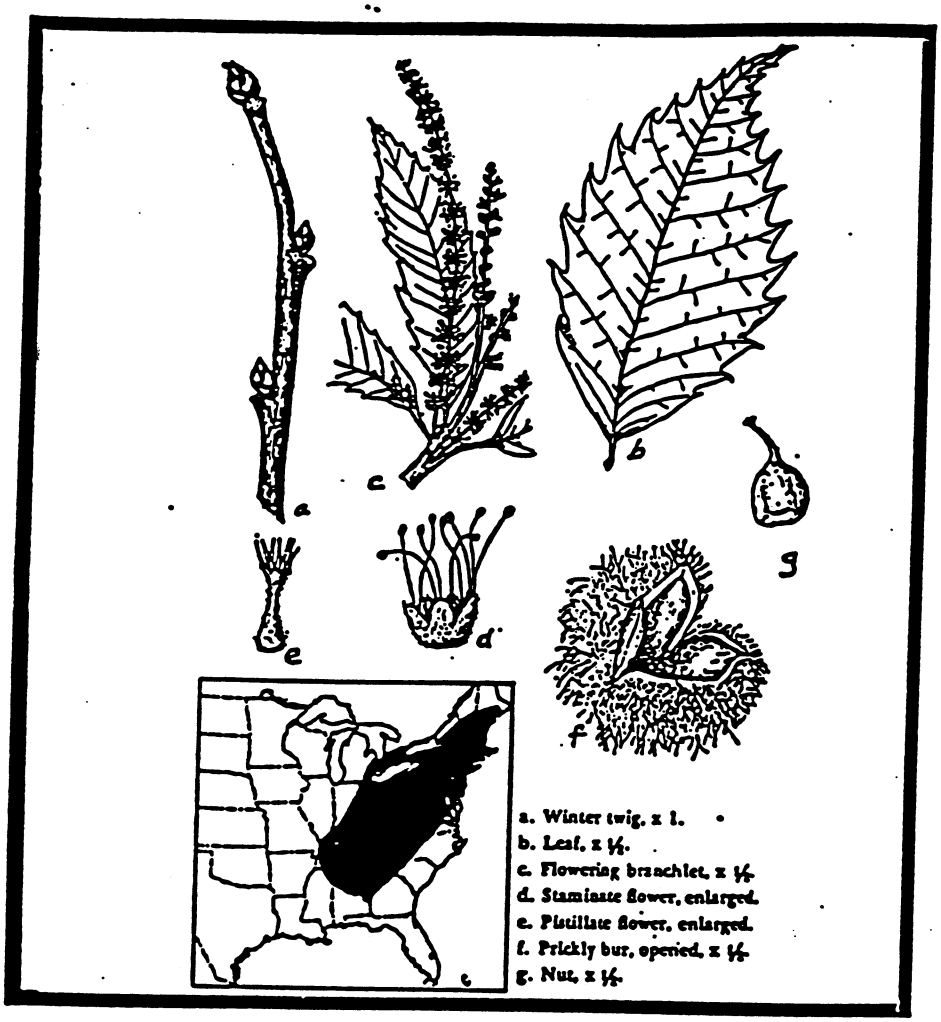
NASA LEWIS RESEARCH CENTER

MAP 2; LOCATION OF OAK-HICKORY FOREST

ENDANGERED SPECIES MANAGEMENT PLAN



Source; Vannorsdall. Harry H. Trees of Ohio. Wilmington, OH: Curtis Bookstore, 1958.

the biostics corporation
NASA LEWIS RESEARCH CENTER
FIGURE 1; *Castanea dentata*, AMERICAN CHESTNUT
ENDANGERED SPECIES MANAGEMENT PLAN
September 5, 1996

2.2.2 *Pycnanthemum muticum* (Michx.) Pers. Blunt Mountain-mint (Figure 2)

The following technical description of this species is adapted from "The Biological Inventory of LeRC";

Perennial, to approximately 80 centimeters (31 in.) tall; stems downy on sides and angles; leaves ovate to ovate-lanceolate, more than three times as long as wide, the margins serrate; cymes dense and head-like, with no or only the primary branches visible; calyx radially symmetrical; corolla whitish, approximately 5 mm (.2 in.) long. A few northeasternmost Ohio counties; open rocky areas, fens. Flowers late July-mid-September.

About 40-45 flowering plants of blunt mountain-mint were found along the edge of a wooded slope on the west side of Abram Creek northeast of Building 319 (Map 4). This perennial species occurs in sunny openings and edges in northeastern Ohio.

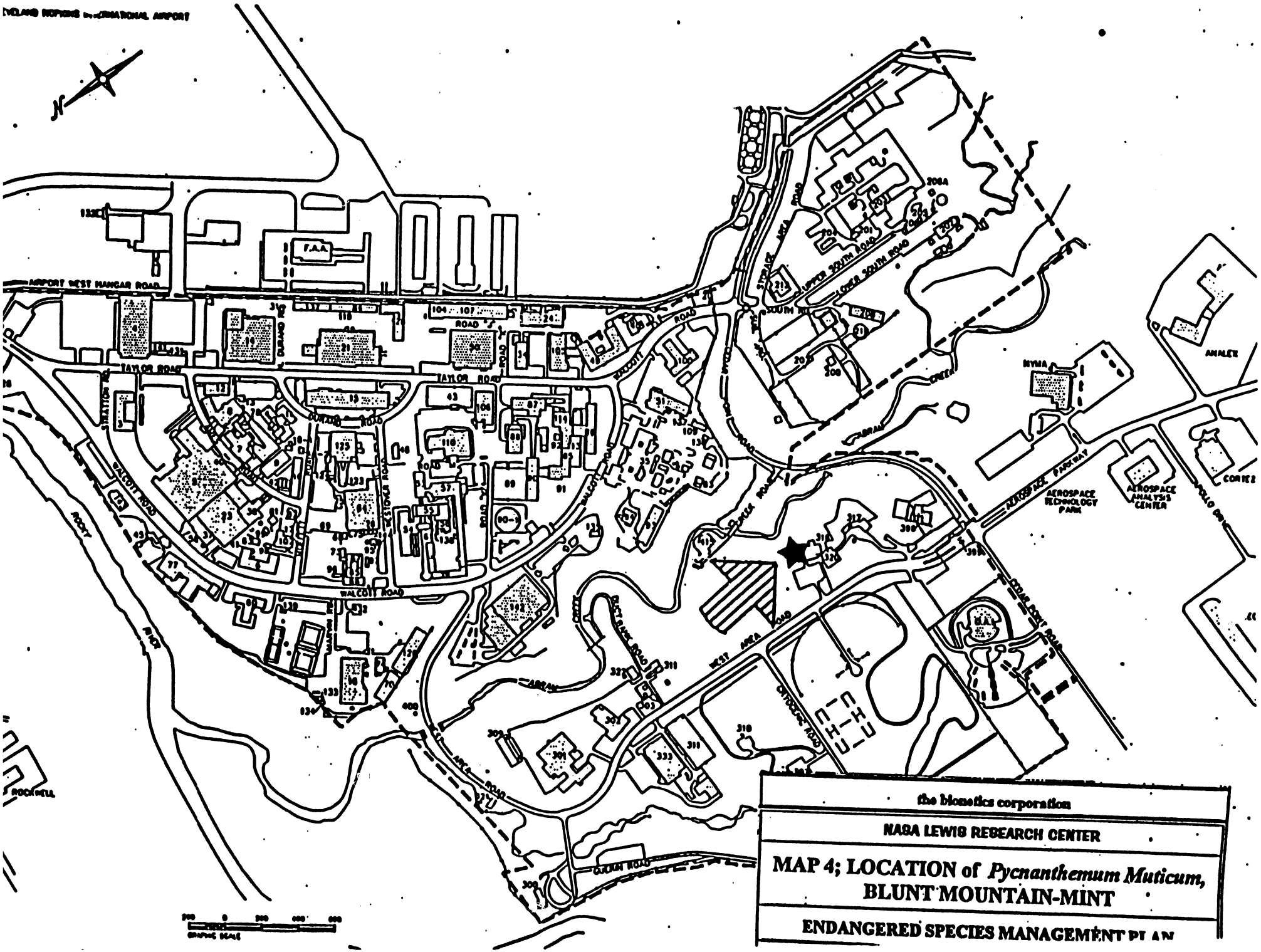
2.2.3 *Vitis cinerea* (Millard) Pigeon Grape (Figure 3)

The following technical description of this species is adapted from "The Biological Inventory of LeRC";

Woody vine; stems with tendrils and flowers at not more than any two consecutive nodes; leaves unlobed or with two very short lateral lobes or mere shoulders; young stems, petioles, and veins on leaf undersurface all densely beset with short, stiffish, diverging hairs approximately 0. 2 mm (.05 in.) long. Southern, mostly extreme south-central,)Ohio counties; bottomland thickets, stream banks. Flowers in June.

Some Ohio specimens are intermediates between *V. cinerea* and *V. aestivalis*. Most can be assigned to one species or the other, but a few cannot be satisfactorily placed in either.

In Moore's (1991) treatment, adopted here, Ohio plants are assigned to var. *baileyana* (Munson) Comeaux (V. *baileyana* Munson); var. *cinerea* occurs to the Southwest of Ohio.



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NASA LEWIS RESEARCH CENTER
MAP 4; LOCATION of *Pycnanthemum Muticum*, BLUNT MOUNTAIN-MINT
ENDANGERED SPECIES MANAGEMENT PLAN

Three vines of pigeon grape were found climbing on trees on the blufftop on the east side of the gorge of Abram Creek south of Building 142 (Map 5). This species is extremely similar to the common summer grape (*Vitis aestivalis*) which occurs throughout Ohio and which also grows at LeRC.

3.0 Conservation Goals

The conservation goals of LeRC are:

- to avoid activities that may destroy, inhibit, or adversely effect the survival of a federal or state listed species under the control of LeRC
- to maintain or promote the abundance and health of federal or state listed species under the control of LeRC
- to minimize the impact of activities at LeRC that may destroy, inhibit, or adversely affect the high quality habitat identified in the Biological Inventory report
- to use regionally native plants for landscaping whenever practicable.

4.0 Management Prescriptions and Actions

4.1 Ohio Threatened Species

The conservation goals are listed according to the species or category.

4.1.1 *Castanea dentata* (American chestnut)

The tree has an estimated short lifetime, due to its diseased condition. Therefore, no special management practices are recommended for this species. Avoidance of significant disturbances of the tree or its local environment is suggested. Warning signs, with notification requirements, will be installed in the vicinity of this plant.

4.1.2 *Pycnanthemum muticum* (blunt-mountain mint)

To insure long-term vigor or spread of this population, it is recommend that there be no mowing or clearing of the brushy edges of the slopes in the vicinity of the plants. The use of herbicides in this area must be approved by the Environmental Management Office. Warning signs, with notification requirements, will be installed in the vicinity of this plant community.

4.1.3 *Vitis cinerea* (pigeon grape)

The Ohio Department of Natural Areas and Preserves has recommended that no grape vines at LeRC be unnecessarily cut. The vines of pigeon grape should not be disturbed, but allowed to continue growing on the sunny edge of the wooded slope. The use of herbicides in this area must be approved by the Environmental Management Office. Warning signs, with notification requirements, will be installed in the vicinity of this plant community.

4.2 Management of Natural Wooded Habitat

Conservation strategies should be directed toward protection of large trees on the northwestern blufftops, valley walls, and floodplain of Abram Creek.

The oaks and other large trees may be enhanced and protected by the following means:

1) The ground surface should not be altered by digging into the soil or by adding to the soil depth. Both activities may have adverse impacts upon the root system of the trees. All construction should be undertaken as far away from the tree roots as possible.

5.2 Metrics

The success of this Management Plan will be measured by:

-the health and abundance of listed species under the control of LeRC
-the health and abundance of high quality habitat under the control of LeRC
-the reduction in the use of pesticides, fuel, labor, and energy at LeRC attributable to the implementation of the Management Plan
-the reduction in the volume of solid waste generated at LeRC attributable to the implementation of the Management Plan.

5.3 Costs Associated with Implementing the Plan

This Plan requires that signs be prepared for each of the three protected areas. Approximately seven weather resistant signs should be prepared and mounted securely in the protected areas. This effort should cost less than $1000.00 in materials and labor.

Monitoring the protected areas will require that a competent individual visit each protected area a minimum of two times per year. Inspection of all three sites and completion of the paperwork should require no more than eight hours of labor per year.

6.0 Responsibilities

6.1 The Environmental Management Office

The EMO will be responsible for the implementation of this plan and monitoring functions.

8.0 Definitions

Critical habitat

The specific areas within the geographical area occupied by the species, at the time it is listed in accordance with the provisions of Section 4 of the Endangered Species Act, on which are found those physical or biological features essential to the conservation of the species and which may require special management considerations or protection; and specific areas outside the geographical area occupied by the species at the time it is listed in accordance with the provisions of Section 4 of the Endangered Species Act upon a determination by the Secretary (of the Interior) that such areas are essential for the conservation of the species.

Endangered species

Any species listed, pursuant to the Endangered Species Act, which is in danger of extinction throughout all or a significant portion of its range.

Extirpated

A species or subspecies that occurred in Ohio at the time of European settlement and that has since disappeared from the state.

Listed species

Any species of fish, wildlife, or plant that has been determined to be endangered to threatened under Section 4 of the Endangered Species Act. Listed species are found in 50 CFR 17.11-17.12.

Native plant

A native plant species is one that occurs naturally in a region, ecosystem and/or habitat without direct or indirect actions.

9.0 References

Cooperrider, T.S. 1992. "Changes in Knowledge of the Vascular Plant Flora of Ohio", 1860-1991. Ohio Journal of Science. 92: 73-76.

Cooperrider, T.S. 1992. The Dicotyledonae of Ohio. Part 2. Linaceae through Campanulaceae. Ohio State University Press, Columbus, 656 pp.

Ohio Department of Natural Resources, Division of Natural Areas and Preserves. "Biological Inventory of NASA Lewis Research Center, Final Report, 1996".

Stuckey, R. L. 1992. "The Invasion of Foreign Species "Weeds" as Indicators of 100 Years of Floristic Change". Ohio Journal of Science. 92:1 (abstract).

(d) implement water-efficient practices, such as the use of mulches, efficient irrigation systems, audits to determine exact landscaping water-use needs, and recycled or reclaimed water and the selecting and siting of plants in a manner that conserves water and controls soil erosion Landscaping practices, such as planting regionally native shade trees around buildings to reduce air conditioning demands, can also provide innovative measures to meet the energy consumption reduction goal established in Executive Order No. 12902, Energy Efficiency and Water Conservation at Federal Facilities;" and

(e) create outdoor demonstrations incorporating native plants, as well as pollution prevention and water conservation techniques, to promote awareness of the environmental and economic benefits of implementing this directive. Agencies are encouraged to develop other methods for sharing information on landscaping advances with interested nonfederal parties.

In order to assist agencies in implementing this directive, the Federal Environmental Executive shall:

(a) establish an interagency working group to develop recommendations for guidance, including compliance with the requirements of the National Environmental Policy Act, 42 U.S.C. 4321, 4331-4335, and 4341-4347, and training needs to implement this directive. The recommendations are to be developed by November 1994; and

(b) issue the guidance by April 1995. To the extent practicable, agencies shall incorporate this guidance into their landscaping programs and practices by February 1996.

In addition, the Federal Environmental Executive shall establish annual awards to recognize outstanding landscaping efforts of agencies and individual employees. Agencies are encouraged to recognize exceptional performance in the implementation of this directive through their awards programs.

Agencies shall advise the Federal Environmental Executive by April 1996 on their progress in implementing this directive.

To enhance landscaping options and awareness, the Department of Agriculture shall conduct research on the suitability, propagation, and use of native plants for landscaping. The Department shall make available to agencies and the public the results of this research.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
4	November 9, 1998	112833F (p)	

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
950-20-05-21-2EA-9-0-09-2540-1-YTT9701-75 Obligate $1,918,562

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D	OTHER *(Specify type of modification and authority)* This unilateral contract modificaion is issued under the authority of clause 52.232-18, "Availability of Funds"

E. IMPORTANT: Contractor is not required to sign this document.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The contract value, as modified by Modification 3, is changed from $5,415,543 to $5,818,562.

b. The available funds are increased from $3,700,000 to $5,618,562.

c. Clause 52.232-18, "Availability of Funds," is hereby deleted from the contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 11/9/98

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of 15

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
3			

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)* January 30, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
☐	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☒	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: clause 52.243-1, "CHANGES--FIXED PRICE (ALTERNATE 1)"
☐	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. Block 20 of the award page of the contract is modified by replacing the stated amount of $3,700,000.00 with $5,415,543.00, the correct total contract value for the base period of the contract.

b. Clause B.2, "QUANTITIES OF SERVICES," is modified by adding the following 3 new lines:

PRS No.	PRS Title	Annual Quantity	Unit
C17-17b	Building HV System Protective Relays Triennial PGM	275	Each
C16-08	Waste Basin Facility Operation	52	Week
C16-09	Waste Basin Semi-annual PM	2	Each

(continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED

c. Clause B.5, CONTRACT PRICES, is modified under items 1001, 2001, 3001, 4001, and 5001 to reflect the additional fixed price requirements for new contract requirements. These price increases are retroactive to the start of the contract.

(1) As a result of the new contract requirement C9-17b, the monthly and annual prices for Item C9, "Electrical Distribution Systems," are replaced with the following new prices:

	Monthly			Annual		
	Previous Price	Increase	New Price	Previous Price	Increase	New Price
Base Year	$120,852	$3,712	$124,564	$1,450,219	$44,550	$1,494,769
Year Two	122,711	3,690	126,401	1,472,532	44,275	1,516,807
Year Three	128,939	3,804	132,743	1,547,263	45,650	1,592,913
Year Four	135,874	2,727	138,601	1,630,488	32,725	1,663,213
Year Five	142,811	2,727	145,538	1,713,736	32,725	1,746,461

The total value of the price increases for item C9 is $199,925.

(2) As a result of the new contract requirements C16-08 and C16-09, the monthly and annual prices for item C16, "Utility Distribution Systems," are replaced with the following new prices:

	Monthly			Annual		
	Previous Price	Increase	New Price	Previous Price	Increase	New Price
Base Year	$9,652	$391	$10,043	$115,828	$4,688	$120,516
Year Two	9,386	402	9,788	112,638	4,818	117,456
Year Three	9,394	413	9,807	112,722	4,962	117,684
Year Four	9,399	425	9,824	112,787	5,101	117,888
Year Five	9,398	437	9,835	112,775	5,245	118,020

The total value of these price increases for item C16 is $24,814.

(3) The combined total value of the price increases is $224,739.

c. Clause B.5, CONTRACT PRICES, is modified under Item 1003 to increase the hourly rates applicable to all Delivery Orders issued under this line item after Delivery Orders for a total of 4,980 labor hours have been issued. The increased rates shall be [redacted] times the existing rates as priced in the Contractor's proposal dated December 30, 1997.

d. Clause B.5, CONTRACT PRICES, is further modified by adding Line Items 1004, 2004, 3004, 4004, and 5004, which are "cost-only" rates. These rates shall be the hourly Line Item 1003, 2003, 3003, 4003, and 5003 rates, as priced in the Contractor's proposal dated December 30, 1997, divided by [redacted]. These rates shall be applied in accordance with Section C5-4.c.(2), as added below by this contract modification.

e. The enclosed new subpart 6, "YEAR 2000 COMPLIANCE," is added to Section C3 of the Statement of Work.

f. The enclosed revised subpart 4 of Section C5 of the Statement of Work, "Trouble Calls," replaces the existing subpart 4.

g. The enclosed new paragraph, requiring the Contractor to provide Government access to the Contractor's proprietary computer system, "Capella," is added to subpart 1.d, "Records and Reports," of Section C7.

h. Section C16, subpart 5, "FIXED PRICE WORK," is modified by adding new contract requirements C9-17b, C16-08 and C16-09. The descriptions of the new requirements, including new Checklists, are enclosed.

i. Clause E.3, "SCHEDULE OF DEDUCTIONS," is modified by adding the following new unit prices for the related new contract requirements:

PRS No.	PRS Title	Unit	Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5
C17-17b	Bldg. HV Protect Relay	each	$162	$161	$166	$119	$119
C16-08	Waste Basin Facility Ops.	week	82	84	87	89	92
C16-09	Waste Basin Semi-Annual PM	each	216	222	229	236	242

j. Clause G.2, "SUBMISSION OF VOUCHERS," is modified by replacing the existing paragraph (a) with the following new paragraph:

(a) For the scheduled, recurring requirements performed for the fixed price, 1/24th of the annual price may be invoiced twice each calendar month. The first invoice each month may be submitted no earlier than the 15th day of each month, and the second invoice may be submitted no earlier than the 1st day of the month subsequent to the month being invoiced.

k. Clause G.4, "GOVERNMENT PROPERTY AVAILABLE UNDER THIS CONTRACT," is modified to reference the enclosed new Attachment J-G5, which shall be used to determine when the Special Purpose Equipment should be replaced (Table I) and the configuration requirements of any such replacement (Table II).

l. Clause H.2, "DELIVERY ORDER PROCEDURE," is modified in sections (b)(1) and (d)(ii)(a), "UPT Pricing," as shown below. A complete revision of Clause H.2, incorporating these changes, is enclosed.

Section (b)(1) changes:

A functional description of the work identifying the objectives or results desired from the contemplated delivery order, including listings of the Unit Priced Tasks (UPT's) and of the Non-pre-priced-unit tasks (NPPUT's). ***UPT's*** ~~which~~ are those ***work*** items ***consisting*** of ***new or replacement installations*** ~~work~~ ***the type of*** which ***are specifically listed in the "Facilities Construction Cost Data" manual published by the R. S. Means Company, Inc.*** ~~can be priced based on R.S. Means cost estimating standards,~~ ***NPPUT's***, ~~which~~ are items of work ***consisting of unscheduled services or alterations or modifications of existing equipment*** which ***are not specifically listed in the Means manual.*** ~~cannot be priced based on the Means standards;~~

Section (d)(ii)(a) changes:

UPT Pricing - The PULSAR software program shall be used for pricing UPT items. In developing prices, the latest edition, as of the date the price proposal is developed, of the "Facilities Construction Cost Data" manual published by the R. S. Means Company, Inc., shall be the basis for pricing of all UPT's. The total price of UPT's shall be the product of the Means-derived values times the applicable co-efficient listed in Clause B.4. ***If Government Material is to be provided under the Delivery Order, the Means-derived price shall be reduced by a reasonable proportion of the materials component of that price.***

The following new section is added to Section C3 of the Statement of Work:

6. YEAR 2000 COMPLIANCE

(a) "Year 2000 compliant," as used herein, means that the information technology (hardware, software and firmware, including embedded systems or any other electro-mechanical or processor-based systems used in accordance with its associated documentation) accurately processes date and date-related data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to the extent that other information technology (IT), used in combination with the information technology being acquired, properly exchanges date and date-related data with it.

(b) Any IT provided or operated under this contract must be Year 2000 compliant. To ensure this result, the Contractor shall provide documentation describing how the IT items or services demonstrate Year 2000 compliance, consisting of standard product.

(c) Milestones for Renovation, Validation and Implementation: Any IT determined to be non-Year 2000 compliant shall be replaced, retired, or repaired in accordance with the following schedule:

"Renovation" includes making and documenting software and hardware changes, developing replacement systems, and decommissioning systems to be retired. The Contractor must complete renovation of affected software, hardware and firmware by September 30, 1998.

"Validation" includes unit, integration, system, and end-to-end testing for Year 2000 compliance. The Contractor must complete validation and testing of converted or replaced systems by January 31, 1999.

"Implementation" includes acceptance testing and integration of converted and replaced systems into a production environment. The Contractor must complete implementation by March 31, 1999.

(d) At a minimum, the Contractor shall provide documentation, including project plans and status reports, which demonstrate that the Contractor is meeting the milestones listed above.

Subpart 4 of Section C5 of the Statement of Work is replaced with the following new language:

4. Trouble Calls

a. Definition. Trouble Calls are service calls for repair, adjustment, or replacement necessary to correct a malfunction of any existing equipment or facilities maintained or operated under this contract and which normally should be completed for less than $2,000 in total costs (excluding profit) for labor, materials, and equipment.

b. Completion. A Trouble Call is determined to be completed when the following conditions have been met:

(1) Emergencies - The hazardous condition has been eliminated, either by repair, adjustment, replacement, or by isolation or shut down of the portion of the system in which the hazardous condition existed. If the initial response was isolation or shut down, subsequent and permanent correction of the problem shall also be performed, unless the cost of such correction and the cost of the initial response, would exceed $2,000 (in such case, a Delivery Order will be issued to perform the permanent correction).

(2) Routine - The cause of the system malfunction has been positively diagnosed and permanently corrected.

c. Limitations.

1. Emergency Trouble Calls

There is no limitation of the Contractor's financial responsibility with regard to responding to Emergency Trouble Calls, other than that set forth in b(1) above.

2. Routine Trouble Calls

(a) Once the cause of the problem has been positively diagnosed by the Contractor it is clear that the permanent correction of the system malfunction would, when combined with the cost of its diagnosis, exceed $2,000, the Contractor is not required to continue work under that Trouble Call. In this case, the Contractor shall notify the Government of the Contractor's diagnosis and a preliminary estimated cost to correct the problem under Delivery Order pricing.

(b) If the Contractor has not positively diagnosed the cause before it has incurred more than $2,000 in costs, continuation and completion of the diagnosis will be paid for at the hourly prices in Schedule B, line item *004.

(c) Where permanent correction would exceed $2,000, but temporary correction would not, temporary correction shall be made. If only temporary correction is made, the Contractor shall so notify the Government along with a preliminary cost estimate for permanent correction under Delivery Order pricing.

d. Limitation of Government's Liability. If the Contractor does not notify the Government, and incurs costs in excess of $2,000 to continue or completes the requirement, the Government is not obligated to place a Delivery Order and the Contractor may be liable for all cost incurred under the original Trouble Call.

The following new paragraph is added to Section C7, subpart 1.d:

The Contractor shall provide up to 15 Government workstations, through the Government Local Area Network, access to the Contractor's proprietary computer system ("Capella"). This access shall provide the Government, for any maintenance or repair work required to be performed under this contract, with current work status, parts availability, project management reports, work schedules, quality reports, and other data as mutually agreed between the Government and the Contractor.

The following new Contract Requirement is added to Section C9, subpart 5:

cc.1. Contract Requirement No. C9-17b, Building HV System Protective Relays Triennial PGM

The following 2 new Contract Requirements are added to Section C16, subpart 5:

h. Contract Requirement No. C16-08, Waste Basin Facility Operation. The Contractor shall maintain 100% operational status and system integrity of the industrial waste basin facility (bldg. 103), ensuring proper operation, making necessary adjustments and recording any discrepancies and reporting them to the Government. The following specific functions shall be performed three times each week:

- Inspect oil separator (skimmer) for proper operation
- Check oil level in waste oil holding tank
- Arrange for disposal of excessive oil in waste oil holding tank
- Inspect valve inlet pits to ensure they are dry
- Pump out water inlet valve pits contain liquid
- Check water level in basin #3
- when the basin is 3/4 full, pump to sanitary sewer until empty
- Check pumps for proper operation
- Make necessary adjustments to pumps when not operating properly

i. Contract Requirement No. C16-09, Waste Basin Semi-Annual PM.

The following new Checklist is added to attachment J-C9.2:

PGM CHECKLIST

PRS Item No.: **C9-17**
Contract Requirement: Building HV System Protective Relays Triennial PGM
Location: _____
PM Technician: _____

WORK REQUIREMENTS	QAE INSP. INI S/U	QAE INSP. REWO S/U
TASK DESCRIPTION: FOR EACH RELAY, PERFORM THE FOLLOWING: __1. CONTACT POWER DISPATCH BEFORE INITIATING WORK. __2. TEST RELAY PER MANUFACTURERS SPECIFICATIONS. __3. PERFORM INSPECTION OF THE MECHANISM. CLEAN AND LUBRICATE AS NEEDED. __4. CALIBRATE THE RELAY FOR PROPER RESPONSE. __5. RECORD ALL SETTINGS, FINDINGS AND CONDITIONS ASSOCIATED WITH THE RELAY, 'AS FOUND' AND 'AS LEFT'. __6. CLEAN AND INSPECT THE CASE, COVER GLASS AND GASKET. __7. CONFIRM NAMES OF SYSTEM PROTECTIVE RELAYS WITH HV AND LV ONE-LINE DIAGRAMS. __8. FILL OUT MAINTENANCE REPORT/RECORD. __9. ADD TO, OR UPDATE, ELECTRONIC DATABASE OF EQUIPMENT		

REMARKS: Other deficiencies noted or comments on condition of equipment: ___
_____
_____
Brief description of materials and parts used: _____
_____

_____ _____
Signature of Contractor's Representative Date/Time

QAE INSPECTION:
Performed on time: S__ U__ Documentation acceptable: S__ U__
Overall Rating: S__ U__
Comments: _____
QAE Signature _____ Date/Time_____

The following new Checklist is added to attachment J-C16.2:

PAGE 1

PM CHECKLIST
PRS Item No.: **C16-09** Contract Requirement: WASTE BASIN SEMI-ANNUAL PM
Location: _____ Date: _____
Utility System: _____

WORK REQUIREMENTS	**QAE INSP.** INI S/U	REWO S/U
__1. OPERATE AND LUBRICATE SLUICE GATES __2. EXCRCISE AND LUBRICAE THE TRANSFER VALUES __3. CHECK FOR PROPER OPERATION OF HEAT TRACING __4. FILL OUT MAINTENCE REPORT/ RECORD		

REMARKS: Other deficiencies noted or comments on condition of equipment: _____

Brief description of materials and parts used: _____

_____ _____
Signature of Contractor's Representative Date/Time

QAE INSPECTION:
Performed on time: S__ U__ Documentation acceptable: S__ U__
Overall Rating: S__ U__
Comments: _____
QAE Signature _____ Date/Time_____

The following new clause H.2 replaces the existing clause H.2 in its entirety:

H.2 DELIVERY ORDER PROCEDURE

(a) Only the Contracting Officer may issue delivery orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of delivery orders and delivery order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a delivery order, the COTR will provide the Contractor with the following data via the CMMS:

(1) A functional description of the work identifying the objectives or results desired from the contemplated delivery order, including listings of the Unit Priced Tasks (UPT's) and of the Non-pre-priced-unit tasks (NPPUT's). UPT's are those work items consisting of new or replacement installations the type of which are specifically listed in the "Facilities Construction Cost Data" manual published by the R. S. Means Company, Inc. NPPUT's, are items of work consisting of unscheduled services or alterations or modifications of existing equipment which are not specifically listed in the Means manual.

(2) a required completion date; and

(3) any applicable drawings, sketches and supplemental sheets.

(c) Within 10 working days after receipt of the COTR'S request, the Contractor shall submit a plan to perform the work. This plan shall include a complete listing of all tasks necessary to satisfactorily accomplish the overall work scope, and indicate any specific areas of disagreement with the Government's initial functional description of the work. For NPPUT items, this plan shall include the proposed labor effort, in terms of hours, using the labor categories listed in Clause B.4, and a listing of the types and amounts of any materials and equipment needed to be acquired for those NPPUT items. Any areas of disagreement over the scope of work will then be negotiated between the COTR and the Contractor.

(d) Development of prices

(i) Prior to developing a complete plan, the Contractor shall provide a preliminary price estimate for each NPPUT item within 3 working days of any such request by the COTR.

(ii) Subsequent to agreement of the scope of work, the Contractor shall prepare, and submit within 10 working days of such agreement, a detailed proposed fixed price for performing the work. UPT and NPPUT items shall be itemized separately and priced as follows:

(a) UPT Pricing - The PULSAR software program shall be used for pricing UPT items. In developing prices, the latest edition, as of the date the price proposal is developed, of the "Facilities Construction Cost Data" manual published by the R. S. Means Company, Inc., shall be the basis for pricing of all UPT's. The total price of UPT's shall be the product of the Means-derived values times the applicable co-efficient listed in Clause B.4. If Government Material is to be provided under the Delivery Order, the Means-derived price shall be reduced by a reasonable proportion of the materials component of that price.

(b) NPPUT Pricing - Prices of NPPUT work items shall be developed as follows.

1. Labor - The negotiated labor hours for each labor category will be multiplied by the applicable hourly rates listed in Clause B.4.

2. Material - For each individual repair part or material item which exceeds $2,500, the Contractor shall provide

quotes from at least 3 vendors, identifying each vendor's name and quoted price or prices, including any available discounts and rebates for core or salvage value. The proposed price must be based on the lowest quote obtained.

3. Equipment - For each piece of equipment which the Contractor must acquire to perform the work and which will cost more than $2,500, the Contractor must provide quotes from at least 2 vendors. For each equipment item, the Contractor shall describe it in terms of size, capacity, and quantity.

4. Total Price - The total price for NPPUT items shall be calculated as follows (references to "line items" are to the numbered line items contained in Clause B.4):

   a. multiplying the labor hours by the unit prices for line item *003A*, and

   b. multiplying the material quantities quoted unit prices by the multiplier in line item *003B, and

   c. multiplying the equipment quantities and quoted prices by the multiplier in line item *003C, and then

   d. adding those three amounts.

(* - these digits vary for each contract year or "sub-line" item)

(d) After review and any further discussions, the Contracting Officer may issue a Delivery Order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) Functional description of the work identifying the objectives or results desired from the order, including special instructions or other information necessary for performance of the task.

(4) Additional performance standards, and where appropriate, quality assurance standards.

(5) The firm-fixed-price of the order.

(6) The required completion date.

(7) Accounting and appropriation data.

(8) Special-purpose equipment to be acquired for the government.

(e) The Contractor shall provide acknowledgment of receipt and acceptance to the Contracting Officer within 3 working days after receipt of the order.

(f) If time constraints do not permit issuance of a fully defined delivery order in accordance with the procedures described in paragraphs (a) through (d), an order which includes a ceiling price may be issued.

(g) The Contracting Officer may amend tasks in the same manner in which they were issued. If, during performance of TO work, the Contractor encounters unforeseen conditions which impact the scope of work and which were not anticipated during the initial estimating procedures, the Contractor shall not proceed without obtaining the COTR's authorization. The COTR will direct the Contractor to estimate the change of scope for the unforeseen condition only, or prepare a new estimate for the total job as revised.

In the event of a conflict between the requirements of the order and the Contractor's approved task plan, the Delivery Order shall prevail.

The following new clauses are added to Section H:

H.8 SECURITY CLASSIFICATION REQUIREMENTS

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of "Secret." See FAR clause 52.204-2 in this contract and DD Form 254, "Contract Security Classification Specification," Attachment A.

H.9 SECURITY REQUIREMENTS (52.204-2) (AUG 1996)

(a) This clause applies to the extent that this contract involves access to information classified "Confidential," "Secret," or "Top Secret."

(b) The Contractor shall comply with--

(1) The Security Agreement (DD Form 441), including the National Industrial Security Program Operating Manual (DOD 5220.22-M); and

(2) Any revisions to that manual, notice of which has been furnished to the Contractor.

(c) If, subsequent to the date of this contract, the security classification or security requirements under this contract are changed by the Government and if the changes cause an increase or decrease in security costs or otherwise affect any other term or condition of this contract, the contract shall be subject to an equitable adjustment as if the changes were directed under the Changes clause of this contract.

(d) The Contractor agrees to insert terms that conform substantially to the language of this clause, including this paragraph (d) but excluding any reference to the Changes clause of this contract, in all subcontracts under this contract that involve access to classified information.

H.10 SECURITY PLAN FOR UNCLASSIFIED FEDERAL INFORMATION TECHNOLOGY SYSTEMS

The contractor shall submit for Government approval a detailed "Security Plan for Unclassified Federal Information Technology Systems." The plan shall be required as a contract data deliverable that will be subsequently incorporated into the contract as a compliance document after Government approval. The plan shall demonstrate thorough understanding of NMI 2410.7 and NHB 2410.9, and shall include the security measures and program safeguards to ensure that the information technology resources acquired and used by contractor and subcontractor personnel:

(a) Operate effectively and accurately;

(b) Are protected from unauthorized alteration, disclosure, or misuse of information processed, stored, or transmitted;

(c) Can maintain the continuity of automated information support for Government missions, programs, and functions;

(d) Incorporate management, general, and application controls sufficient to provide cost-effective assurance of the system's integrity and accuracy; and

(e) Have appropriate technical, personnel, administrative, environmental, and access safeguards.

H.11 SECURITY REQUIREMENTS FOR UNCLASSIFIED AUTOMATED INFORMATION RESOURCES 1852.204-76 (SEPTEMBER 1993)

(a) In addition to complying with any functional and technical security requirements set forth in the schedule and the clauses of this contract, the Contractor shall initiate personnel screening checks and obtain user responsibility agreements, as required by this clause, for each contractor employee requiring unescorted or unsupervised physical access or electronic access to the following limited or controlled areas, systems, programs and data:

the intrusion detection and alarm systems

(1) The Contractor shall submit a personnel security questionnaire (NASA Form 531, Name Check Request, for National Agency Check (NAC) investigations and Standard Form 85P, Questionnaire for Public Trust Positions, for specified sensitive positions) and a Fingerprint Card (FD-258 with NASA overprint in Origin Block) to the installation Security Officer for each Contractor employee who requires access. The required forms may be obtained from the installation security office. Employees may have fingerprints taken at the [Insert office name and location], or at any police department.

(i) Several months may be required for completion of complex personnel screening investigations. Background screening may not be required for employees with recent or current Federal Government investigations.

(ii) When employee access is necessary prior to completion of personnel screening, each contractor employee requiring access may be considered for escorted access. The installation Security Officer will establish the eligibility of proposed escorts.

(2) The Contractor shall ensure that each contractor employee requiring access executes any user responsibility agreements required by the Government prior to access. The Contractor shall provide signed copies of the agreements to the installation Security Officer for inclusion in the employee's security file. Unauthorized access is a violation of law and punishable under the provisions of 18 USC 1029, 18 USC 1030 and other applicable statutes.

(3) The Contractor shall notify the installation AIS Manager no later than the end of the day of the termination for cause of an authorized employee's access. The Contractor shall notify the COTR no later than ten days after an authorized employee no longer requires access for any other type of termination. Verbal notifications shall be confirmed in writing within thirty days.

(b) The Contractor shall incorporate this clause in all subcontracts where the requirements identified in paragraph (a) are applicable to performance of the subcontract.

H.12 PRIVACY OR SECURITY SAFEGUARDS (52.239-1) (AUG 1996)

(a) The Contractor shall not publish or disclose in any manner, without the Contracting Officer's written consent, the details of any safeguards either designed or developed by the Contractor under this contract or otherwise provided by the Government.

(b) To the extent required to carry out a program of inspection to safeguard against threats and hazards to the security, integrity, and confidentiality of Government data, the Contractor shall afford the Government access to the Contractor's facilities, installations, technical capabilities, operations, documentation, records, and databases.

(c) If new or unanticipated threats or hazards are discovered by either the Government or the Contractor, or if existing safeguards have ceased to function, the discoverer shall immediately bring the situation to the attention of the other party.

The following new Attachment is added to the contract :

ATTACHMENT J-G5

TABLE I. DESKTOP WORKSTATION MINIMUM "TO KEEP" HARDWARE CONFIGURATIONS

Item	PC Running Windows 95	PC Running Windows NT 4.0	Mac
Processor/clock speed	Pentium 90[3] MHz	Pentium 90[3] MHz	PowerPC 60 MHz 601
RAM	32 MB	64 MB[2] 32 MB[1]	32 MB
Internal Hard Drive	1 GB[2] 750 MB[1]	1 GB[2] 750 MB[1]	1 GB[2] 500 MB[1]
Color Monitor Size	SVGA 14"	SVGA 14"	13"
Keyboard	101 Extended	101 Extended	101 Extended
Internal Bus Topography	ISA Bus	ISA Bus	NuBus

[1] Minimum required. If less is used, the Center CIO is responsible for ensuring interoperability is maintained

[2] Recommended.

[3] Intel or Intel compatible PC.

UNIX systems are addressed in NASA-STD-2810, *UNIX Interoperability.*

TABLE II. DESKTOP WORKSTATION MINIMUM "TO BUY" HARDWARE CONFIGURATIONS

Item	Windows Intel/ Compatible PC	Macintosh
Processor/clock speed	Pentium II 233 MHz	PowerPC G3 Desktop 233 MHz
Level 2 Cache	512K	512K
RAM	64 MB	64 MB
Internal Hard Drive	4 GB	4 GB
Video RAM	2 MB	2 MB
Monitor	15" SVGA, .28 pitch	15", .28 pitch
Internal CD-ROM Drive	24x	24x
Keyboard	101 Extended	104 Extended
Network Interface	NDIS-3 Compliant[1]	Appropriate[1]
Internal Bus Topography	ISA/PCI	PCI
Energy Star Compliant	Yes	Yes
Sound capability	16-bit Sound Blaster compatible & speakers	Built-in

[1] The network interface is dependent on the physical configuration of the network at the local Center.

NOTE: Lewis currently prefers to use the 3Com 900 Combo Ethernet adapter so that computers can establish a connection to the network using the AUI port which is the predominant type at the Center and still connect to 10BaseT in areas that have been up updated. Dell Computer is the preferred computer brand

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
1			

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
☐	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☒	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: the "Changes" clause
☐	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The following items are added to INDEFINITE QUANTITY line item 1003, "Unit Priced Labor;"

ITEM NO.	SERVICES	UNITS	UNIT PRICE	TOTAL PRICE
Line Item 1003AQ	Switching Operations	1,800 hours	[redacted]	[redacted]
Line Item 1003AR	Safety Person	3,600 hours		

(4)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
2	July 7, 1998		

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
☐	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☐	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
☒	D	OTHER *(Specify type of modification and authority)* Unilateral Contract Modification pursuant to the authority of Clause 52.222-41, "SERVICE CONTRACT ACT"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. The enclosed Wage Determinations, number 82-0581, Revision 09 dated 6/18/98 and number 94-2416, Revision 8, dated 9/11/97 are hereby incorporated into the contract and are retroactive to March 1, 1998.

b. Notwithstanding paragraph (f) of clause 52.222-43, FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION YEAR CONTRACTS), the Contractor has until August 21, 1998 to notify the Contracting Officer of any price increase claimed under said clause.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 7/7/98

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

Division of Wage Determinations

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

Wage Determination No.: 82-0581
Revision No.: 09
Date of Last Revision: 06/18/1998

State(s): Ohio

Areas: Ohio COUNTIES OF Cuyahoga

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

OCCUPATION CODE AND TITLE **MINIMUM HOURLY WAGE**

Employed on the NASA contracts for operation, repair, and maintenance services at Lewis Research Center in the above locality:

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor in performing the above services and covered by the collective bargaining agreement(s) between: (1) Cleveland Telecommunications Corporation and Industrial, Maintenance and Vending Service Employees Union Local No. 416, (2)Colejon Corporation and International Brotherhood of Teamsters, Local Union No. 416 and are to be paid wage rates and fringes benfits set forth in the bargaining agreement(s), effective (1) July 1, 1997 through June 30, 2002 and (2) July 1, 1997 through December 31, 2002.

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

William W. Gross
Director

Division of
Wage Determinations

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

Wage Determination No.: 94-2416
Revision No.: 8
Date of Last Revision: 09/11/1997

State(s): Ohio

Area: OHIO COUNTIES OF ASHLAND, ASHTABULA, CARROLL, COLUMBIANA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MAHONING, MEDINA, PORTAGE, RICHLAND, STARK, SUMMIT, TRUMBULL, WAYNE.

** 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	$ 7.63
01012 Accounting Clerk II	$ 9.72
01013 Accounting Clerk III	$ 11.42
01014 Accounting Clerk IV	$ 13.97
01030 Court Reporter	$ 12.72
01050 Dispatcher, Motor Vehicle	$ 12.72
01060 Document Preparation Clerk	$ 10.59
01070 Messenger (Courier)	$ 9.20
01090 Duplicating Machine Operator	$ 10.59
01110 Film/Tape Librarian	$ 10.12
01115 General Clerk I	$ 7.25
01116 General Clerk II	$ 8.24
01117 General Clerk III	$ 10.59
01118 General Clerk IV	$ 11.79
01120 Housing Referral Assistant	$ 14.65
01131 Key Entry Operator I	$ 7.80
01132 Key Entry Operator II	$ 9.36
01191 Order Clerk I	$ 8.31
01192 Order Clerk II	$ 9.87
01261 Personnel Assistant (Employment) I	$ 9.51
01262 Personnel Assistant (Employment) II	$ 10.69
01263 Personnel Assistant (Employment) III	$ 12.54
01264 Personnel Assistant (Employment) IV	$ 14.65
01270 Production Control Clerk	$ 14.65
01290 Rental Clerk	$ 10.12
01300 Scheduler, Maintenance	$ 10.12
01311 Secretary I	$ 10.12
01312 Secretary II	$ 12.54
01313 Secretary III	$ 14.65
01314 Secretary IV	$ 16.00
01315 Secretary V	$ 18.69
01320 Service Order Dispatcher	$ 10.12
01341 Stenographer I	$ 9.01
01342 Stenographer II	$ 10.12
01400 Supply Technician	$ 16.00
01420 Survey Worker(Interviewer)	$ 12.54

01460	Switchboard Operator-Receptionist	$ 8.72
01510	Test Examiner	$ 12.54
01520	Test Proctor	$ 12.54
01531	Travel Clerk I	$ 7.92
01532	Travel Clerk II	$ 8.48
01533	Travel Clerk III	$ 9.11
01611	Word Processor I	$ 9.19
01612	Word Processor II	$ 13.08
01613	Word Processor III	$ 14.26

AUTOMATIC DATA PROCESSING:

03010	Computer Data Librarian	$ 9.05
03041	Computer Operator I	$ 8.78
03042	Computer Operator II	$ 11.55
03043	Computer Operator III	$ 13.68
03044	Computer Operator IV	$ 16.35
03045	Computer Operator V	$ 18.12
03071	Computer Programmer I 1/	$ 13.69
03072	Computer Programmer II 1/	$ 15.30
03073	Computer Programmer III 1/	$ 19.42
03074	Computer Programmer IV 1/	$ 23.06
03101	Computer Systems Analyst I 1/	$ 19.80
03102	Computer Systems Analyst II 1/	$ 22.69
03103	Computer Systems Analyst III 1/	$ 26.86
03160	Peripheral Equipment Operator	$ 9.31

AUTOMOTIVE SERVICE:

05005	Automobile Body Repairer, Fiberglass	$ 18.71
05010	Automotive Glass Installer	$ 17.41
05040	Automotive Worker	$ 17.41
05070	Electrician, Automotive	$ 18.10
05100	Mobile Equipment Servicer	$ 15.89
05130	Motor Equipment Metal Mechanic	$ 18.71
05160	Motor Equipment Metal Worker	$ 17.41
05190	Motor Vehicle Mechanic	$ 18.71
05220	Motor Vehicle Mechanic Helper	$ 15.18
05250	Motor Vehicle Upholstery Worker	$ 16.63
05280	Motor Vehicle Wrecker	$ 17.41
05310	Painter, Automotive	$ 18.10
05340	Radiator Repair Specialist	$ 17.41
05370	Tire Repairer	$ 15.89
05400	Transmission Repair Specialist	$ 18.71

FOOD PREPARATION AND SERVICE:

07010	Baker	$ 11.08
07041	Cook I	$ 10.11
07042	Cook II	$ 11.08
07070	Dishwasher	$ 7.97
07100	Food Service Worker (Cafeteria Worker)	$ 7.97
07130	Meat Cutter	$ 11.08
07250	Waiter/Waitress	$ 6.54

FURNITURE MAINTENANCE AND REPAIR:

09010	Electrostatic Spray Painter	$ 18.10
09040	Furniture Handler	$ 13.42
09070	Furniture Refinisher	$ 18.10

09100	Furniture Refinisher Helper	$ 15.18
09110	Furniture Repairer, Minor	$ 16.63
09130	Upholsterer	$ 18.10

GENERAL SERVICES AND SUPPORT:

11030	Cleaner, Vehicles	$ 7.97
11060	Elevator Operator	$ 7.97
11090	Gardener	$ 10.11
11121	Housekeeping Aide I	$ 7.97
11122	Housekeeping Aide II	$ 8.42
11150	Janitor	$ 7.97
11210	Laborer, Grounds Maintenance	$ 8.54
11240	Maid or Houseman	$ 7.41
11270	Pest Controller	$ 10.58
11300	Refuse Collector 2/	$ 7.97
11330	Tractor Operator	$ 9.66
11360	Window Cleaner	$ 8.54

HEALTH:

12020	Dental Assistant	$ 13.40
12040	Emergency Medical Technician/ Paramedic Ambulance Driver	$ 9.63
12071	Licensed Practical Nurse I	$ 7.83
12072	Licensed Practical Nurse II	$ 8.79
12073	Licensed Practical Nurse III	$ 9.84
12100	Medical Assistant	$ 8.79
12130	Medical Laboratory Technician	$ 8.79
12160	Medical Record Clerk	$ 8.79
12190	Medical Record Technician	$ 12.18
12221	Nursing Assistant I	$ 6.38
12222	Nursing Assistant II	$ 7.18
12223	Nursing Assistant III	$ 7.83
12224	Nursing Assistant IV	$ 8.79
12250	Pharmacy Technician	$ 10.96
12280	Phlebotomist	$ 8.79
12311	Registered Nurse I	$ 12.18
12312	Registered Nurse II	$ 14.90
12313	Registered Nurse II, Specialist	$ 14.90
12314	Registered Nurse III	$ 18.03
12315	Registered Nurse III, Anesthetist	$ 18.03
12316	Registered Nurse IV	$ 21.61

INFORMATION AND ARTS:

13002	Audiovisual Librarian	$ 16.00
13011	Exhibits Specialist I	$ 14.70
13012	Exhibits Specialist II	$ 17.10
13013	Exhibits Specialist III	$ 19.71
13041	Illustrator I	$ 14.70
13042	Illustrator II	$ 17.10
13043	Illustrator III	$ 19.71
13047	Librarian	$ 18.69
13050	Library Technician	$ 12.54
13071	Photographer I	$ 11.63
13072	Photographer II	$ 14.70
13073	Photographer III	$ 17.10
13074	Photographer IV	$ 19.71
13075	Photographer V	$ 22.97

LAUNDRY, DRY CLEANING, PRESSING:

15010	Assembler	$ 6.33
15030	Counter Attendant	$ 6.33
15040	Dry Cleaner	$ 8.22
15070	Finisher, Flatwork, Machine	$ 6.33
15090	Presser, Hand	$ 6.33
15100	Presser, Machine, Dry Cleaning	$ 6.33
15130	Presser, Machine, Shirts	$ 6.33
15160	Presser, Machine, Wearing Apparel, Laundry	$ 6.33
15190	Sewing Machine Operator	$ 8.82
15220	Tailor	$ 9.41
15250	Washer, Machine	$ 7.03

MACHINE TOOL OPERATION AND REPAIR:

19010	Machine-tool Operator (Toolroom)	$ 18.10
19040	Tool and Die Maker	$ 20.70

MATERIALS HANDLING AND PACKING:

21010	Fuel Distribution System Operator	$ 15.89
21020	Material Coordinator	$ 13.08
21030	Material Expediter	$ 13.08
21040	Material Handling Laborer	$ 10.96
21050	Order Filler	$ 10.65
21071	Forklift Operator	$ 12.75
21080	Production Line Worker (Food Processing)	$ 11.94
21100	Shipping/Receiving Clerk	$ 11.65
21130	Shipping Packer	$ 11.65
21140	Store Worker I	$ 10.03
21150	Stock Clerk (Shelf Stocker; Store Worker II)	$ 11.54
21210	Tools and Parts Attendant	$ 13.74
21400	Warehouse Specialist	$ 11.94

MECHANICS AND MAINTENANCE AND REPAIR:

23010	Aircraft Mechanic	$ 18.71
23040	Aircraft Mechanic Helper	$ 15.18
23050	Aircraft Quality Control Inspector	$ 19.39
23060	Aircraft Servicer	$ 16.63
23070	Aircraft Worker	$ 17.41
23100	Appliance Mechanic	$ 18.10
23120	Bicycle Repairer	$ 15.89
23125	Cable Splicer	$ 18.71
23130	Carpenter, Maintenance	$ 18.10
23140	Carpet Layer	$ 17.41
23160	Electrician, Maintenance	$ 20.96
23181	Electronics Technician, Maintenance I	$ 13.00
23182	Electronics Technician, Maintenance II	$ 16.58
23183	Electronics Technician, Maintenance III	$ 21.52
23260	Fabric Worker	$ 16.63
23290	Fire Alarm System Mechanic	$ 18.71
23310	Fire Extinguisher Repairer	$ 15.89

23340	Fuel Distribution System Mechanic	$ 15.71
23370	General Maintenance Worker	$ 17.41
23400	Heating, Refrigeration and Air Conditioning Mechanic	$ 18.71
23430	Heavy Equipment Mechanic	$ 18.71
23440	Heavy Equipment Operator	$ 18.71
23460	Instrument Mechanic	$ 18.71
23470	Laborer	$ 12.63
23500	Locksmith	$ 18.10
23530	Machinery Maintenance Mechanic	$ 20.05
23550	Machinist, Maintenance	$ 18.64
23580	Maintenance Trades Helper	$ 15.18
23640	Millwright	$ 18.71
23700	Office Appliance Repairer	$ 18.10
23740	Painter, Aircraft	$ 18.10
23760	Painter, Maintenance	$ 18.10
23790	Pipefitter, Maintenance	$ 21.88
23800	Plumber, Maintenance	$ 18.10
23820	Pneudraulic Systems Mechanic	$ 18.71
23850	Rigger	$ 18.71
23870	Scale Mechanic	$ 17.41
23890	Sheet-metal Worker, Maintenance	$ 18.71
23910	Small Engine Mechanic	$ 17.41
23930	Telecommunications Mechanic I	$ 18.71
23931	Telecomunications Mechanic II	$ 19.38
23950	Telephone Lineman	$ 18.71
23960	Welder, Combination, Maintenance	$ 18.71
23965	Well Driller	$ 18.71
23970	Woodcraft Worker	$ 18.71
23980	Woodworker	$ 15.89

PERSONAL NEEDS:

24570	Child Care Attendant	$ 9.79
24580	Child Care Center Clerk	$ 12.21
24600	Chore Aide	$ 7.41
24630	Homemaker	$ 13.57

PLANT AND SYSTEM OPERATION:

25010	Boiler Tender	$ 18.71
25040	Sewage Plant Operator	$ 18.10
25070	Stationary Engineer	$ 18.71
25190	Ventilation Equipment Tender	$ 15.89
25210	Water Treatment Plant Operator	$ 18.10

PROTECTIVE SERVICE:

27004	Alarm Monitor	$ 11.32
27006	Corrections Officer	$ 10.70
27010	Court Security Officer	$ 14.38
27040	Detention Officer	$ 14.38
27070	Firefighter	$ 14.85
27101	Guard I	$ 6.55
27102	Guard II	$ 11.32
27130	Police Officer	$ 17.60

STEVEDORING/LONGSHOREMEN SERVICE OCCUPATIONS:

28010	Blocker and Bracer	$ 13.70
28020	Hatch Tender	$ 13.70

28030	Line Handler	$ 13.70
28040	Stevedore I	$ 13.08
28050	Stevedore II	$ 14.24

TECHNICAL:

29010	Air Traffic Control 3/ Specialist, Center	$ 23.45
29011	Air Traffic Control 3/ Specialist, Station	$ 16.17
29012	Air Traffic Control 3/ Specialist, Terminal	$ 17.81
29023	Archeological Technician I	$ 8.77
29024	Archeological Technician II	$ 9.82
29025	Archeological Technician III	$ 12.15
29030	Cartographic Technician	$ 17.15
29035	Computer Based Training Specialist/Instructor	$ 19.80
29040	Civil Engineering Technician	$ 17.15
29061	Drafter I	$ 9.52
29062	Drafter II	$ 11.63
29063	Drafter III	$ 14.70
29064	Drafter IV	$ 18.73
29081	Engineering Technician I	$ 11.92
29082	Engineering Technician II	$ 13.39
29083	Engineering Technician III	$ 15.48
29084	Engineering Technician IV	$ 18.00
29085	Engineering Technician V	$ 21.65
29086	Engineering Technician VI	$ 25.52
29090	Environmental Technician	$ 16.35
29100	Flight Simulator/Instructor (Pilot)	$ 22.39
29150	Graphic Artist	$ 19.80
29160	Instructor	$ 18.42
29210	Laboratory Technician	$ 13.68
29240	Mathematical Technician	$ 18.00
29361	Paralegal/Legal Assistant I	$ 12.54
29362	Paralegal/Legal Assistant II	$ 16.00
29363	Paralegal/Legal Assistant III	$ 19.58
29364	Paralegal/Legal Assistant IV	$ 23.68
29390	Photooptics Technician	$ 18.00
29480	Technical Writer	$ 19.97
29491	Unexploded Ordnance Technician I	$ 14.90
29492	Unexploded Ordnance Technician II	$ 18.03
29493	Unexploded Ordnance Technician III	$ 21.61
29494	Unexploded Safety Escort	$ 14.90
29495	Unexploded Sweep Personnel	$ 14.90
29620	Weather Observer, Senior 4/	$ 16.35
29621	Weather Observer, Combined 4/ Upper Air and Surface Programs	$ 13.68
29622	Weather Observer, Upper Air 4/	$ 13.68

TRANSPORTATION/MOBILE EQUIPMENT OPERATION:

31030	Bus Driver	$ 13.57
31260	Parking and Lot Attendant	$ 7.59
31290	Shuttle Bus Driver	$ 9.63
31300	Taxi Driver	$ 9.20
31361	Truckdriver, Light Truck	$ 9.63
31362	Truckdriver, Medium Truck	$ 13.57

31363	Truckdriver, Heavy Truck	$ 14.18
36364	Truckdriver, Tractor-Trailer	$ 17.26

MISCELLANEOUS:

99020	Animal Caretaker	$ 9.10
99030	Cashier	$ 8.00
99041	Carnival Equipment Operator	$ 9.66
99042	Carnival Equipment Repairer	$ 10.11
99043	Carnival Worker	$ 7.97
99050	Desk Clerk	$ 9.79
99095	Embalmer	$ 18.55
99300	Lifeguard	$ 8.72
99310	Mortician	$ 16.22
99350	Park Attendant (Aide)	$ 10.96
99400	Photofinishing Worker (Photo Lab / Dark Room Technician)	$ 8.72
99500	Recreation Specialist	$ 13.57
99510	Recycling Worker	$ 9.66
99610	Sales Clerk	$ 8.72
99620	School Crossing Guard (Cross-walk Attendant)	$ 7.97
99630	Sports Official	$ 8.72
99658	Survey Party Chief	$ 14.04
99659	Surveying Technician	$ 12.60
99660	Surveying Aide	$ 7.99
99690	Swimming Pool Operator	$ 11.08
99720	Vending Machine Attendant	$ 9.66
99730	Vending Machine Repairer	$ 11.08
99740	Vending Machine Repairer Helper	$ 9.66

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

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: Two weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 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 the predecessor contractor in the performance of similar work at the same Federal facility. (Reg. 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/

Rates for this class are not applicable in Cuyahoga County, see Wage Determination 66-0048.

3/

APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

4/

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.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE
	1 of

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE NO.	5. PROJECT NO. *(If applicable)*
1			

6. ISSUED BY CODE 0616/MWM

NASA Lewis Research Center
Attn: Mark W. Manthey
Services and Construction Branch
21000 Brookpark Road, Mail Stop 500-312
Cleveland, OH 44135-3191

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

Call Henry, Inc.
21000 Brookpark Road, MS 107-1
NASA Lewis Research Center
Cleveland, OH 44135

CODE FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS3-98030

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
☐	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☒	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: the "Changes" clause
☐	D	OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The following items are added to INDEFINITE QUANTITY line item 1003, "Unit Priced Labor;"

ITEM NO.	SERVICES	UNITS	UNIT PRICE	TOTAL PRICE
Line Item 1003AQ	Switching Operations	1,800 hours	[redacted]	[redacted]
Line Item 1003AR	Safety Person	3,600 hours		

(4)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER *(Type or print)*		15a. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Mark W. Manthey, Contracting Officer	
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED