SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

1. REQUISITION NO. HR-00-0284 DCP

PAGE 1 OF

ACT NO. RC-38-00-284	3. AWARD/EFFECTIVE DATE 03-03-2000	4. ORDER NO.	MODIFICATION NO. 5. SOLICITATION NO. RS-HR-00-0284	6. SOLICITATION ISSUE DATE 12/07/99
OLICITATION RMATION CALL:	a. NAME Sharlene Mccubbin		b. TELEPHONE NO. (No Collect Calls) 301-415-6565	8. OFFER DUE DATE/LOCAL TIME 12/28/99 3:00 p.m.

BY CODE

U.S. Nuclear Regulatory Commission
Division of Contracts and Property Mgt.
Attn: T-7-I-2
Contract Management Branch
Washington DC 20555

10. THIS ACQUISITION IS
[X] UNRESTRICTED
[ ] SET ASIDE: 0 % FOR
[ ] SMALL BUSINESS
[ ] SMALL DISADV. BUSINESS
[ ] 8(A)
SIC: 8299
SIZE STANDARD:

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
[ ] SEE SCHEDULE

12. DISCOUNT TERMS N/A

[ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING N/A

14. METHOD OF SOLICITATION
[ ] RFQ [ ] IFB [X] RFP

ER TO CODE

U.S. Nuclear Regulatory Commission

Washington DC 20555

16. ADMINISTRERED BY CODE

TRACTOR/OFFEROR CODE FACILITY CODE

Westinghouse Electric Company LLC
Nuclear Services Business Unit
Box 158

Madison PA 15663-0158

NE NO

CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18a. PAYMENT WILL BE MADE BY CODE

U.S. Nuclear Regulatory Commission
Office of the Chief Financial Officer
Attn: GOV/COM Acctng. Section T-9H4

Washington DC 20555

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED
[X] SEE ADDENDUM

NO.	20 SCHEDULE OF SUPPLIES/SERVICES	21 QUANTITY	22 UNIT	23 UNIT PRICE	24 AMOUNT
	See attached schedule shown on page 2.				

UNTING AND APPROPRIATION DATA
APPN: 31X0200; BOC: 252A; B&R: 08415107105; JCN: R8432
RFPA No.: HR-00-0284 Obligated Amount: $75,837.00

26. TOTAL AWARD AMOUNT (For Govt. Use Only)
Estimated Ceiling $753,271.00

SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED.

CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

RACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES SSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET TH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REFERENCE _____ OFFER DATED _____. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN IS ACCEPTED AS TO ITEMS:

ATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)

E AND TITLE OF SIGNER (TYPE OR PRINT) 30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Mary H. Mace 31c. DATE SIGNED

NTITY IN COLUMN 21 HAS BEEN
IVED [ ] INSPECTED [ ] ACCEPTED AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED

33. SHIP NUMBER [ ] PARTIAL [ ] FINAL

34. VOUCHER NUMBER

35. AMOUNT VERIFIED CORRECT FOR

ATURE OF AUTHORIZED GOVT. REPRESENTATIVE 32c. DATE

36. PAYMENT [ ] COMPLETE [ ] PARTIAL [ ] FINAL

37. CHECK NUMBER

38. S/R ACCOUNT NUMBER 39. S/R VOUCHER NUMBER

40. PAID BY

42a RECIEVED BY (Print)

1a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT

ATURE AND TITLE OF CERTIFYING OFFICER 41c. DATE

42b. RECEIVED AT (Location)

42c. DATE REC'D (YY/MM/DD) 42d. TOTAL CONTAINERS

DF02

ZED FOR LOCAL REPRODUCTION

ADM-001 ML993160330

STANDARD FORM 1449 (10-95)
Prescribed by GSA - FAR (48 CFR) 53.212

Your contacts during the course of this task order are:

Technical Matters: Edmund Kleeh
Project Officer
(301) 415-2964

Contractual Matters: Mona Selden
Contract Specialist
(301) 415-7907

Acceptance of Task Order No. 068 should be made by having an official, authorized to bind your organization, execute three copies of this document in the space provided and return two copies to the Contract Specialist. You should retain the third copy for your records.

Sincerely,

Sharon D. Stewart, Contracting Officer
Contract Management Branch 2
Division of Contracts and Property Management
Office of Administration

Enclosure: Statement of Work

ACCEPTED: Task Order No. 068

_____
NAME

_____
TITLE

_____
DATE

DISTRIBUTION:
MCSelden CMB2 r/f E. Kleeh, PO T. Champion, NRR
DOCUMENT NAME: P:\NRR98021\TORDERS\To68ltr

OFFICE	ADM/DCPM/CMB2	ADM/DCPM/CMB2			
NAME	MCSelden	SDStewart			
	3/2/00	3/2/00			

OFFICIAL RECORD COPY

ıch nature as to justify an adjustment in cost or period of performance. The contractor shall refer to the basic contract r further information and guidance on any technical directions issued under this task order.

ıy modifications to the scope of work, cost or period of performance of this task order must be issued by the Contracting fficer and will be coordinated with the NRR Project Officer. Specific tasks under this task order are:

ask	Schedule Completion
Prepare for the inspection. a. Obtain a thorough understanding of the selected system(s) by review of licensee provided documentation. Annotate the provided preparation checklist as necessary. b. Develop a list of questions or areas of concern, including the reason for the question. This list to be shared with NRC team members for training purposes. c. Inspection preparation will include both individual work and team meetings, including discussion of review techniques with team members.	1. Inspection preparation will take place at the Region IV office in Arlington, Texas on or about March 27- 31, 2000.
2. Perform the inspection. a. Review the documentation requested from licensee and make queries in line with the intent of the inspection.	2. On-site inspection is to take place on or about April 03 - 07; and on or about April 17 - 21, 2000. Review of documentation, licensee inquiries, and other inspection-related activities will be conducted in contractor's home offices on or about week of April 10 - 14, 2000.
b. Evaluate thoroughly the design and licensing basis, lineups during normal and emergency operation, functional requirements for system, the agreement between surveillance test procedures and design/licensing basis, and other areas that may contain potential discrepancies so as to complete a thorough assessment of the	

signed review area. Discuss evaluation ethods and results with NRC team members.

c. Any potential observations or findings shall be discussed with the Team Leader or an nspector trained in the NRC pilot risk-based nspection program.

Prepare the inspection report.

a. Follow the guidelines of NRC INSPECTION MANUAL , Manual Chapter 0610 or 0610*, "Inspection Reports."as directed by Technical Monitor.

b. Feeder report should discuss inspection activities, be concise, and focus on safety significant findings based on facts and regulatory requirements.

3. Documentation of inspection will take place on or about April 24 - 28, 2000 in contractor's home office. Final inspection report input is due on or about May 1, 2000.

OTE: Prior to the start of the on-site preparation, the contractor's staff is required to coordinate inspection aspects, such travel logistics, with the Team Leader.

:PORT REQUIREMENTS

:chnical Report

the completion of Task 1, the contractor's specialist shall provide an inspection plan to the NRC Team Leader. The ·mat and scope of this input shall be as directed by the NRC Team Leader.

ıring Task 2, the contractor's specialist shall provide daily reports to the NRC Team Leader. The format and scope of s report shall be as directed by the NRC Team Leader.

the completion of Task 2 (prior to the inspection team's exit meeting with the licensee), the contractor's specialist shall ɔvide a draft inspection report input to the NRC Team Leader. The format and scope shall be as directed by the NRC ;am Leader. Typically, this input will consist of a handwritten summary of the specialist's inspection findings.

the completion of Task 3, the contractor shall deliver a copy of final inspection report input (feeder report) to the NRC oject Officer with one hard copy and one electronic version (WordPerfect or other IBM PC compatible software ·ceptable to the NRC Team Leader) to the NRC Team Leader. The format and scope of the final report inputs shall be accordance with the guidance in NRC Inspection Manual Chapter 0610 or as directed by the NRC Team Leader.

specialist's feeder report will serve as documentation of the specialist's inspection activities, effort, and findings, and ll be used by the NRC Team Leader for the preparation of the NRC's inspection report. The form and scope of the final ɔort input shall be in accordance with the guidance in NRC Inspection Manual Chapter 0610 or as directed by the NRC ;am Leader. As a minimum, each specialist's report input shall include the following:

> Identity of the individuals (name, company, and title) that provided information to the specialist during the inspection.
>
> For each area inspected, a description of the activities and general findings and conclusions reached regarding the adequacy of the area.
>
> For each area with a concern or findings, a discussion of the concerns or findings with technical bases.

ɔTE: The contractor is not required to undertake any further efforts toward report finalization. For example, anagement review of the feeder report beyond its submittal to the NRC Team Leader and Project Manager is not ;eded.

ısiness Letter Report

ıe contractor shall provide monthly progress reports in accordance with the requirements of the basic contract.

EETINGS AND TRAVEL

ɔr estimating purposes only, the following meetings and travel are anticipated:

ne, one-person, 5-day trip to the Region IV office to prepare for the inspection
/larch 27-31, 2000). Off-normal travel permitted up to half-day for each contractor to ensure early arrival at business
'fice on Monday morning.

/vo, one-person, 5-day trips to the San Onofre site to conduct the initial inspection.
\pril 03 -07, 2000; and April 14 -21, 2000.) Off-normal travel permitted up to half-day for each contractor to ensure early
'rival at plant site office on Monday morning.

ıe contractor's staff shall coordinate all travel arrangements in advance with the NRC Team Leader.

RC FURNISHED MATERIAL

ocuments required to prepare for the inspection will be provided by the NRC Team Leader.

THER APPLICABLE INFORMATION

ıe work specified in this SOW is 100% licensee fee recoverable. The contractor shall provide fee recovery information
the monthly progress reports in accordance with the requirements of the basic contract.

ıe contractor's specialist assigned to this task order will have to be badged for unescorted access privilege at the plant
te. Questions concerning badging and plant site access shall be
ıdressed to the NRC Technical Monitor.

Beckman and Associates, Inc.
Attn: Vicki Beckman
1071 State Route 136
Belle Vernon, PA 15012

SUBJECT: "TASK ORDER NO. 068 "SAN ONOFRE SAFETY SYSTEM DESIGN AND PERFORMANCE CAPABILITY INSPECTION (SSDPCI)" UNDER CONTRACT NO. NRC-03-98-021

Dear Ms. Beckman:

In accordance with Section G.5, Task Order Procedures, of the subject contract, this letter definitizes the subject task order. The effort shall be performed in accordance with the enclosed Statement of Work.

Task Order No. 068 shall be in effect from March 20, 2000, through May 12, 2000, with a cost ceiling of $39,657.18. The amount of $38,408.89 represents the estimated reimbursable costs, the amount of $1,248.29 represents the fixed fee.

Accounting data for Task Order No. 068 is as follows:

B&R No.:	020-15-103-105
Job Code:	J-2548
BOC:	252A
APPN No.:	31X0200.020
FFS#:	NRR98021068
Oblig. Amt.:	$39,657.18

The following individual is considered to be essential to the successful performance for work hereunder: Mr. Donald Prevatte. The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.4, Key Personnel.

The issuance of this task order does not amend any terms or conditions of the subject contract.

ONTRACT NRC-03-98-021

STATEMENT OF WORK
Task Order 068

TLE: San Onofre Safety System Design and Performance Capability Inspection (SSDPCI)

OCKET NUMBER: 50-361/362 B&R NUMBER: 020-15-103-105 JOB CODE: J-2548
ISPECTION REPORT NUMBER:

RC PROJECT OFFICER: E. A. Kleeh, NRR (301) 415-2964
ECHNICAL MONITOR: John Whittemore, Region IV (817) 860-8294

ERFORMANCE PERIOD: March 20, 2000 - May 12, 2000

ACKGROUND

Safety System Design and Performance Capability Inspection (SSDPCI) will be conducted for the San Onofre nuclear ant near San Clemente, California. The SSDPCI will assess the operational performance capability of selected safety ystem(s) to verify that the system is capable of performing its intended safety function. The inspection will assess the censee's engineering effectiveness through an in-depth review of calculations, analysis, and other engineering ocuments used to support system performance during normal and accident or abnormal conditions. The inspection ill also verify completed actions for regulatory commitments that the licensee made in conjunction with the safety ystems. Draft NRC Pilot Inspection Procedure 71111-21 "Safety System Design and Performance Capability will provide e primary basis for the review conducted during this inspection.

BJECTIVE

e objective of this task order is to obtain expert technical assistance in the area of mechancial design. The specialist needed to assist the NRC inspection team in the performance of the SSDPCI. The mechanical specialist should imarily have a design background, such as from an architect-engineer or consulting firm with experience in design, alysis, installation, and testing of closed and open-loop fluid systems and HVAC Systems for nuclear power plants. This spection will examine as a minimum the operation of HVAC systems at San Onofre nuclear units so the specialist should ave relevant experience in the design and operation of HVAC systems. **The specialist should be thoroughly familiar ith NRC regulations, inspection methodology, and the current NRC risk-informed inspection program in order be eligible for participation in this inspection.** It is preferred that specialist have prior experience on NRC spections that specifically reviewed design basis and detailed design of nuclear plant safety systems.

shall be the responsibility of the contractor to assign technical staff, employees, and subcontractors, who have the quired educational background, experience, or combination thereof, to meet both the technical and regulatory objectives the work specified in this Statement Of Work (SOW). The NRC will rely on representation made by the contractor oncerning the qualifications of the personnel proposed for assignment to this task order including assurance that all formation contained in the technical and cost proposals, including resumes and conflict of interest disclosures, is curate and truthful.

ORK REQUIREMENTS AND SCHEDULE

e contractor shall provide the qualified specialist, and the necessary facilities, materials, and services to assist the NRC aff in preparing for, conducting, and documenting the inspection activities and findings. **The contractor shall provide e latest rad-worker training; drug/alcohol test; and Minnesota Multiphase Personality Inventory (MMPI) test tes of the specialist that will assist in the SSDPCI at San Onofre to the NRC Project Officer with the submittal his proposal.** The Technical Monitor/Team Leader for this task is John Whittemore. The Technical Monitor may sue technical instructions from time to time during the duration of this task order. Technical instructions must be within e general statement of work stated in this task order and shall not constitute new assignments of work or changes of