

TASK REQUIREMENTS FOR OPERATING/EQUIPMENT OBLIGATIONS AND COSTS

CONTRACTOR NAME

Holmes & Narver, Inc., Energy Support Division/Pacific Operations

WORK PACKAGE NUMBER

TASK NO.

REV. NO.

DATE PREPARED

CONTRACTOR NUMBER

4/23/82

DE-AC08-76NV00020/0001068

21. STAFFING (in staff years)	PRIOR YEARS	BY-2 1982	BY-1 1983		AUTHOR- IZED	BY-FY 19 84
			PRESIDENT'S	REVISED		
a. SCIENTIFIC						
b. OTHER DIRECT						
c. TOTAL DIRECT						
22. OBLIGATIONS AND COSTS (in Thousands)						
a. TOTAL OBLIGATIONS		836.0	824.0	1,044.0		1,153.0
b. TOTAL COSTS		836.0	824.0	1,044.0		1,153.0
23. EQUIPMENT (in Thousands)						
a. EQUIPMENT OBLIGATIONS . . .		25.0	?	30.0		31.0
b. EQUIPMENT COSTS		25.0	?	30.0		31.0
24. OTHER COSTS (specify)						
a.						
b.						
c.						
d.						
25. OPTIONAL FIVE-YEAR PLAN (in Thousands) Constant BY dollars		BY+1	BY+2	BY+3	BY+4	TOTAL TO COMPLETE
a. TOTAL OPERATING OBLIGATIONS						
b. TOTAL OPERATING COSTS						
c. TOTAL EQUIPMENT OBLIGATIONS						
d. TOTAL EQUIPMENT COSTS						

26. MILESTONE SCHEDULE

PROPOSED SCHEDULE

AUTHORIZED SCHEDULE

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U.S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver, Inc.
Energy Support Division
Pacific Operations
Contractor

FY 1984 MARSHALL ISLANDS & RELATED HEALTH PROGRAMS (HA)
BUDGET CALL

Narrative Overview Statement

Each of the tasks comprising the Work Package is of a supportive nature, and costs reflect the types and scope of support required by the basic Bio-Med and Mid-Pacific Research Laboratory programs functioning in the Marshall Islands area of the Pacific.

In the absence of any firm specification from the operators of the basic programs as to yearly requirements, budget estimates are based on the knowledge and experience of PASO and Holmes & Narver.

This situation creates a possibility of significant changes whenever any new factor might be introduced by one of the scientific users. Such a circumstance occurred in FY 1981 when the Medical Surveys program increased the number of Marshallese patients sent to Hawaii for treatment and the cost of such treatments increased dramatically.

SUBMISSION SUMMARY
 (\$ in Thousands; Staffing in Full-Time-Equivalents (FTE))

BUDGET & REPORTING CODE	FY 1982		FY 1983						FY 1984	
	Current Program		Congressional Submission		Reallocation Congress Sub		New Lab Request		Operating Request	
	\$	FTE	\$	FTE	\$	FTE	\$	FTE	\$	FTE
HA 01 07 Environ & Safety Engrg HA 01 07 02 Petroleum & Gas HA 01 07 05 Nuclear Energy										
HA 01 08 Operational & Environ Safety HA 01 08 01 Environ Protec & Publ Safety HA 01 08 05 Occupational Medicine										
HA 05 01 Marshall Islands & Related Health Programs.	1,159.0	-0-	1,431.0	-0-	1,036.0	-0-	1,468.0	-0-	1,619.0	-0-
Total \$	1,159.0		1,431.0		1,036.0		1,468.0		1,619.0	
Direct FTE		-0-		-0-		-0-		-0-		-0-
Indirect FTE		-0-		-0-		-0-		-0-		-0-

**U.S. DEPARTMENT OF ENERGY
FIELD WORK PACKAGE PROPOSAL/AGREEMENT**

1. WORK PACKAGE NUMBER		2. REVISION NO. -	3. CONTRACTOR NO. -	4. DATE PREPARED 4/23/82
5. WORK PACKAGE TITLE MARSHALL ISLANDS & RELATED HEALTH PROGRAMS			6. BUDGET AND REPORTING CODE HA-05-01	
7. CONTRACT NUMBER DE-AC08-76NV00020	8. PHASE B	9. PROJECT NUMBER -	10. CONTRACT TERM Begin: (mm dd yy) End: (mm dd yy) Continuing	
11. WORK PACKAGE TERM Begin: (mm dd yy) End: (mm dd yy) Continuing	12. Does this work package include any management service efforts? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		13. Is this work package included in the Institutional Plan? <input type="checkbox"/> YES <input type="checkbox"/> NO	
14. NAME: (Last, First, MI) HEADQUARTERS PROGRAM MANAGER:		(FTS Number)	17. HEADQUARTERS ORGANIZATION: EP	DOE ORGANIZATION CODE
15. OPERATIONS OFFICE/HQ WORK PACKAGE MANAGER: W.J. Stanley, Director, PASO/USDOE			18. OPERATIONS OFFICE: PASO/USDOE	DOE ORGANIZATION CODE -
16. CONTRACTOR WORK PACKAGE MANAGER: 556-0220 W.J. Stanley, Director (808)422-9211			19. CONTRACTOR NAME: Holmes & Narver, Inc., ESD/PO	CODE (See instructions) -

20. WORK LOCATION: (If different from contractor main office) (Name of facility, City, State, and Zip Code)

Marshall Islands - TTPI

21. WORK PACKAGE DESCRIPTION (Approach, anticipated benefit in 200 words or less:)

Following is a summary of the tasks representing the Marshall Islands & Related Health Programs Package for fiscal years 1982, 1983 and 1984:

HA-05-01 Marshall Islands & Related Health Programs

	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
a. Environmental Program Common Support	\$ 836.0 -	\$1,044.0	\$1,153.0
b. Medical Surveys of Marshallese	160.0	182.0	200.0
c. Marshallese Patients' Medical Travel	25.0 ✓	30.0 -	33.0
d. Mid-Pacific Research Laboratory	138.0	212.0 X	233.0
	<u>1,201.0</u>	<u>1,036.0</u>	<u>1,036.0</u>
	<u>\$1,159.0</u>	<u>\$1,468.0</u>	<u>\$1,619.0</u>

The tasks are essentially independent, but can be grouped into a whole because they all are primarily concerned with the question of radiation and its effect upon the people and the environment of the Trust Territory of the Pacific.

The program is considered of vital importance and the respective tasks, in turn, are considered necessary to performance of the program.

22. CONTRACTOR WORK PACKAGE MANAGER:  (Signature)	23. DOE WORK PACKAGE MANAGER: _____ (Signature)
24. ASSISTANT SECRETARY OR DESIGNEE _____ (Signature)	25. DESIGNATED HEADQUARTERS OFFICIAL _____ (Signature)

26. DETAIL ATTACHMENTS: (See instructions)

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> a. Facility requirements | <input type="checkbox"/> d. Background | <input type="checkbox"/> g. Future accomplishments | <input type="checkbox"/> j. Explanation of milestones |
| <input type="checkbox"/> b. Publications | <input type="checkbox"/> e. Approach | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> k. ZBB Detail |
| <input type="checkbox"/> c. Purpose | <input type="checkbox"/> f. Technical progress | <input type="checkbox"/> i. Environmental assesment | <input type="checkbox"/> l. Other (Specify): |

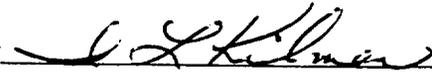
U.S. DEPARTMENT OF ENERGY
FIELD TASK PROPOSAL/AGREEMENT

1. WORK PACKAGE NUMBER	2. TASK NO.	3. REV. NO.	4. PROJECT NO.	5. DATE PREPARED 4/23/82	6. CONTRACTOR NUMBER DE-AC08-76NV00020/0001068
7. TASK TITLE Environmental Program Common Support			8. WORK PACKAGE TITLE Marshall Islands & Related Health Programs		
9. BUDGET AND REPORTING CODE HA-05-01-a	10. TASK TERM Begin: Continuing End:		11. CONTRACTOR NAME Holmes & Narver, Inc. Energy Support Div./PO		12. CODE <i>(see instructions)</i>
13. CONTRACTOR TASK MANAGER <i>(Name: Last, First, MI) (FTS No.)</i> Stanley, W.J.; Director, PASO/USDOE FTS No. 556-0220 As for (808)422-9211			14. PRINCIPAL INVESTIGATORS <i>(Name: Last, First, MI)</i> N/A		
15. WORK LOCATION <i>(See instructions): Name of facility, City, State, Zip Code</i> Marshall Islands TTPI			16. Is this task included in the Institutional Plan? <input type="checkbox"/> YES <input type="checkbox"/> NO	17. Does this task include any management services efforts? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

18. TASK DESCRIPTION *(Approach, relation to work package, in 200 words or less)*

SEE ATTACHED SHEETS.

19. CONTRACTOR TASK MANAGER



(Signature)

4/30/82
(Date)

20. DETAIL ATTACHMENTS: *(See instructions)*

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> a. Facility Requirements | <input type="checkbox"/> d. Background | <input type="checkbox"/> g. Future accomplishments | <input type="checkbox"/> j. Explanation of milestones |
| <input type="checkbox"/> b. Publications | <input type="checkbox"/> e. Approach | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> k. ZBB Detail |
| <input type="checkbox"/> c. Purpose | <input type="checkbox"/> f. Technical progress | <input type="checkbox"/> i. Environmental assessment | <input type="checkbox"/> l. Other (Specify): |

FY 1984 BUDGET
U.S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver, Inc.
Energy Support Division
Pacific Operations
Contractor

FIELD TASK PROPOSAL/AGREEMENT

Date: April 23, 1982

(M Dollars)

Program HA

HA-05-01-01 Marshall Islands & Related Health Programs

	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
a. Environmental Program Common Support	\$836.0	\$1,044.0	\$1,153.0

DOE, through Holmes & Narver, Inc., charters a 118-foot motor research vessel named the R. V. Liktanur II, home-ported at Kwajalein Atoll.

The ship is essential to the DOE Bio-Med Environmental R&D programs, inasmuch as it constitutes the only reliable source of transportation available to the medical and scientific laboratories which conduct the programs on various Pacific Atolls.

In addition, all users are provided a wide range of supportive services, such as the provision and maintenance of required equipment, arrangement and payment of air fares and hotel accommodations, purchasing of requested items, packing and shipping, etc.

Major segments of the budget estimates are tabulated below:

	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
1. Ship Rental Costs	\$625.0	\$ 780.0	\$ 860.0
2. Ship POL	38.0	41.0	45.0
3. Ship S&Q & Miscellaneous Operating Costs	34.0	40.0	44.0
4. Ship Modifications	.0	10.0	10.0
5. Ship Revenue	(12.0)	(15.0)	(15.0)
6. DOE Equipment Maintenance	51.0	73.0	82.0
7. Miscellaneous Costs	<u>100.0</u>	<u>115.0</u>	<u>127.0</u>
TOTAL	<u>\$836.0</u>	<u>\$1,044.0</u>	<u>\$1,153.0</u>
Capital equipment - memo only (see accompanying Schedule 45 for details)	<u>\$ 25.0</u>	<u>\$ 30.0</u>	<u>\$ 31.0</u>

FY 1984 BUDGET
U.S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver, Inc.
Energy Support Division
Pacific Operations
Contractor

FIELD TASK PROPOSAL/AGREEMENT

Date: April 23, 1982

Program HA

(M Dollars)

1. Ship Rental Costs are those which are paid to charter the R. V. Liktanur II. Charter costs include ship rental, crew, insurance, maintenance and repair and all other operating expenses except fuel, food and berthing at Kwajalein. Estimates for 1983 and 1984 allow for part-time use of an additional vessel. The charter was negotiated with no increased cost for 1982. However, a substantial increase is anticipated for 1983.
2. Ship POL - All estimates assume the same rate of consumption and full operating time of the vessel. Estimates allow for a moderate price increase each year.
3. Ship S&Q - At sea, the ship provides food and water for all hands, as opposed to none while the ship is at Kwajalein. Estimates are based on full usage of contracted operating days plus cost increases of about ten percent in FYs 1983 and 1984.
4. Ship Modifications - Estimates provide for minor modifications to accommodate new situations.
5. Ship S&Q Revenue credit represents the reimbursement of meal costs by the scientific teams that utilize the chartered vessel.
6. DOE Equipment Maintenance includes the cost of installation and maintenance of a DOE pool of general use equipment for all participating programs. The pool includes vehicles, small boats, heavy equipment, generators, communications equipment, air conditioners, refrigeration equipment, etc.
7. Miscellaneous Costs provide for program services and planning, procurement, cargo and travel expenses which include MAC costs for all DOE direct employees traveling between Hawaii and Kwajalein.

**U.S. DEPARTMENT OF ENERGY
FIELD TASK PROPOSAL/AGREEMENT**

1. WORK PACKAGE NUMBER	2. TASK NO.	3. REV. NO.	4. PROJECT NO.	5. DATE PREPARED 4/23/82	6. CONTRACTOR NUMBER DE-AC08-76NV00020/000472
7. TASK TITLE Medical Survey of Marshallese			8. WORK PACKAGE TITLE Marshall Islands & Related Health Programs		
9. BUDGET AND REPORTING CODE HA-05-01-b	10. TASK TERM Begin: Continuing End:		11. CONTRACTOR NAME Holmes & Narver, Inc. Energy Support Div./PO		12. CODE <i>(see instructions)</i>
13. CONTRACTOR TASK MANAGER <i>(Name: Last, First, MI)</i> (FTS No.) Stanley, W.J.; Director, PASO/USDOE FTS No. 556-0220 Ask for (808)422-9211			14. PRINCIPAL INVESTIGATORS <i>(Name: Last, First, MI)</i> Brookhaven National Laboratories		
15. WORK LOCATION <i>(See instructions): Name of facility, City, State, Zip Code</i> Marshall Islands TTPI				16. Is this task included in the Institutional Plan? <input type="checkbox"/> YES <input type="checkbox"/> NO	17. Does this task include any management services efforts? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

18. TASK DESCRIPTION *(Approach, relation to work package, in 200 words or less)*

SEE ATTACHED SHEETS.

19. CONTRACTOR TASK MANAGER

[Signature]
(Signature)

4/30/82
(Date)

20. DETAIL ATTACHMENTS: *(See instructions)*

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> a. Facility Requirements | <input type="checkbox"/> d. Background | <input type="checkbox"/> g. Future accomplishments | <input type="checkbox"/> j. Explanation of milestones |
| <input type="checkbox"/> b. Publications | <input type="checkbox"/> e. Approach | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> k. ZBB Detail |
| <input type="checkbox"/> c. Purpose | <input type="checkbox"/> f. Technical progress | <input type="checkbox"/> i. Environmental assessment | <input type="checkbox"/> l. Other (Specify): |

**TASK REQUIREMENTS FOR OPERATING/EQUIPMENT
OBLIGATIONS AND COSTS**

CONTRACTOR NAME

Holmes & Narver, Inc., Energy Support Division/Pacific Operations

WORK PACKAGE NUMBER

TASK NO.

REV. NO.

DATE PREPARED

4/23/82

CONTRACTOR NUMBER

DE-AC08-76NV00020/000472

21. STAFFING (in staff years)	PRIOR YEARS	BY-2 1982	BY-1 1983		AUTHOR- IZED	BY-FY 1984
			PRESIDENT'S	REVISED		
a. SCIENTIFIC						
b. OTHER DIRECT						
c. TOTAL DIRECT						
22. OBLIGATIONS AND COSTS (in Thousands)						
a. TOTAL OBLIGATIONS		160.0	182.0	182.0		200.0
b. TOTAL COSTS		160.0	182.0	182.0		200.0
23. EQUIPMENT (in Thousands)						
a. EQUIPMENT OBLIGATIONS						
b. EQUIPMENT COSTS						
24. OTHER COSTS (specify)						
a.						
b.						
c.						
d.						
25. OPTIONAL FIVE-YEAR PLAN (in Thousands) Constant BY dollars		BY+1	BY+2	BY+3	BY+4	TOTAL TO COMPLETE
a. TOTAL OPERATING OBLIGATIONS						
b. TOTAL OPERATING COSTS						
c. TOTAL EQUIPMENT OBLIGATIONS						
d. TOTAL EQUIPMENT COSTS						

26. MILESTONE SCHEDULE	PROPOSED SCHEDULE	AUTHORIZED SCHEDULE

FY 1984 BUDGET
U.S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver, Inc.
Energy Support Division
Pacific Operations
Contractor

FIELD TASK PROPOSAL/AGREEMENT

Date: April 23, 1982

Program HA

(M Dollars)

HA-05-01-01 Marshall Islands & Related Health Programs

b. Medical Surveys of Marshallese

	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
b. Medical Surveys of Marshallese	\$160.0	\$182.0	\$200.0

Costs are not under the control of PASO or the Contractor, but the following breakdown offers an estimate of how such costs might be expected to be incurred.

1. Support Medical Surveys/Activities

	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
1. Support Medical Surveys/Activities	\$110.0	\$130.0	\$145.0

2. Patients' Mainland and Hawaii Trips for
Special Treatments

2. Patients' Mainland and Hawaii Trips for Special Treatments	<u>50.0</u>	<u>52.0</u>	<u>55.0</u>
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TOTAL

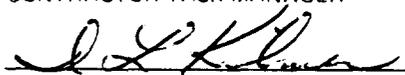
TOTAL	<u>\$160.0</u>	<u>\$182.0</u>	<u>\$200.0</u>
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1. Support Medical Surveys/Activities - The program maintains a full time doctor and assistant at Kwajalein, and H&N support cost estimates cover their home and office rental, medical and office supplies and island transportation. The salaries of the doctor and his assistant are not paid by H&N. Each year the Kwajalein doctor makes various trips to the outlying islands, and at least twice a year teams of specialists make trips from New York to conduct an in-depth check on the island natives, especially those who are considered patients. Support costs involve air fares, shipping costs, costs for Trust Territory medical assistants, special transportation, gift food for island populations, et cetera.
2. Patients' Mainland and Hawaii trip expenditures involve commercial air fares, living expenses, miscellaneous purchases of clothes and the cost of accompanying interpreters. Hawaiian trips also include medical, dental and hospitalization costs.

**U.S. DEPARTMENT OF ENERGY
FIELD TASK PROPOSAL/AGREEMENT**

1. WORK PACKAGE NUMBER	2. TASK NO.	3. REV. NO.	4. PROJECT NO.	5. DATE PREPARED 4/23/82	6. CONTRACTOR NUMBER DE-AC08-76NV00020/003402
7. TASK TITLE Marshallese Patients' Medical Travel			8. WORK PACKAGE TITLE Marshall Islands & Related Health Programs		
9. BUDGET AND REPORTING CODE HA-05-01-c	10. TASK TERM Begin: Continuing End:		11. CONTRACTOR NAME Holmes & Narver, Inc. Energy Support Div./PO		12. CODE <i>(see instructions)</i>
13. CONTRACTOR TASK MANAGER <i>(Name: Last, First, MI) (FTS No.)</i> Stanley, W.J.; Director, PASO/USDOE FTS No. 556-0220 Ask for (808)422-9211			14. PRINCIPAL INVESTIGATORS <i>(Name: Last, First, MI)</i> N/A		
15. WORK LOCATION <i>(See instructions): Name of facility, City, State, Zip Code</i> Marshall Islands TTPI				16. Is this task included in the Institutional Plan? <input type="checkbox"/> YES <input type="checkbox"/> NO	17. Does this task include any management services efforts? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
18. TASK DESCRIPTION <i>(Approach, relation to work package, in 200 words or less)</i> SEE ATTACHED SHEETS.					

19. CONTRACTOR TASK MANAGER

 4/30/82
(Signature) *(Date)*

20. DETAIL ATTACHMENTS: *(See instructions)*

<input type="checkbox"/> a. Facility Requirements	<input type="checkbox"/> d. Background	<input type="checkbox"/> g. Future accomplishments	<input type="checkbox"/> j. Explanation of milestones
<input type="checkbox"/> b. Publications	<input type="checkbox"/> e. Approach	<input type="checkbox"/> h. Relationships to other projects	<input type="checkbox"/> k. ZBB Detail
<input type="checkbox"/> c. Purpose	<input type="checkbox"/> f. Technical progress	<input type="checkbox"/> i. Environmental assessment	<input type="checkbox"/> l. Other (Specify):

**TASK REQUIREMENTS FOR OPERATING/EQUIPMENT
OBLIGATIONS AND COSTS**

CONTRACTOR NAME

Holmes & Narver, Inc., Energy Support Division, Pacific Operations

WORK PACKAGE NUMBER

TASK NO.

REV. NO.

DATE PREPARED

4/23/82

CONTRACTOR NUMBER

DE-AC08-76NV00020/003402

21. STAFFING (in staff years)	PRIOR YEARS	BY-2 1982	BY-1 1983		AUTHOR- IZED	BY.FY 1984
			PRESIDENT'S	REVISED		
a. SCIENTIFIC						
b. OTHER DIRECT						
c. TOTAL DIRECT						
22. OBLIGATIONS AND COSTS (in Thousands)						
a. TOTAL OBLIGATIONS		25.0	30.0	30.0		33.0
b. TOTAL COSTS		25.0	30.0	30.0		33.0
23. EQUIPMENT (in Thousands)						
a. EQUIPMENT OBLIGATIONS . . .						
b. EQUIPMENT COSTS						
24. OTHER COSTS (specify)						
a.						
b.						
c.						
d.						
25. OPTIONAL FIVE-YEAR PLAN (in Thousands) Constant BY dollars						
		BY+1	BY+2	BY+3	BY+4	TOTAL TO COMPLETE
a. TOTAL OPERATING OBLIGATIONS						
b. TOTAL OPERATING COSTS						
c. TOTAL EQUIPMENT OBLIGATIONS						
d. TOTAL EQUIPMENT COSTS						

26. MILESTONE SCHEDULE

PROPOSED SCHEDULE

AUTHORIZED SCHEDULE

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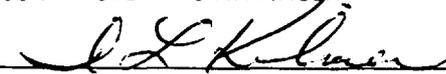
**U.S. DEPARTMENT OF ENERGY
FIELD TASK PROPOSAL/AGREEMENT**

1. WORK PACKAGE NUMBER	2. TASK NO.	3. REV. NO.	4. PROJECT NO.	5. DATE PREPARED 4/23/82	6. CONTRACTOR NUMBER
7. TASK TITLE MID-PACIFIC RESEARCH LABORATORY			8. WORK PACKAGE TITLE Marshall Islands & Related Health Programs		
9. BUDGET AND REPORTING CODE HA-05-01-d	10. TASK TERM Begin: Continuing End:		11. CONTRACTOR NAME Holmes & Narver, Inc. Energy Support Div./PO		12. CODE <i>(see instructions)</i>
13. CONTRACTOR TASK MANAGER <i>(Name: Last, First, MI)</i> (FTS No.) Stanley, W.J.; Director, PASO/USDOE FTS No. 556-0220 Ask for (808)422-9211			14. PRINCIPAL INVESTIGATORS <i>(Name: Last, First, MI)</i> University of Hawaii		
15. WORK LOCATION <i>(See instructions): Name of facility, City, State, Zip Code</i> Marshall Islands - Enewetak Atoll			16. Is this task included in the Institutional Plan? <input type="checkbox"/> YES <input type="checkbox"/> NO	17. Does this task include any management services efforts? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

18. TASK DESCRIPTION *(Approach, relation to work package, in 200 words or less)*

SEE ATTACHED SHEETS.

19. CONTRACTOR TASK MANAGER


(Signature)

4/30/82
(Date)

20. DETAIL ATTACHMENTS: *(See instructions)*
- | | | | |
|---|--|---|---|
| <input type="checkbox"/> a. Facility Requirements | <input type="checkbox"/> d. Background | <input type="checkbox"/> g. Future accomplishments | <input type="checkbox"/> j. Explanation of milestones |
| <input type="checkbox"/> b. Publications | <input type="checkbox"/> e. Approach | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> k. ZBB Detail |
| <input type="checkbox"/> c. Purpose | <input type="checkbox"/> f. Technical progress | <input type="checkbox"/> i. Environmental assessment | <input type="checkbox"/> l. Other (Specify): |

**TASK REQUIREMENTS FOR OPERATING/EQUIPMENT
OBLIGATIONS AND COSTS**

CONTRACTOR NAME
Holmes & Narver, Inc., Energy Support Division/Pacific Operations

WORK PACKAGE NUMBER	TASK NO.	REV. NO.	DATE PREPARED 4/23/82	CONTRACTOR NUMBER DE-AC08-87NV00020
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21. STAFFING (<i>in staff years</i>)	PRIOR YEARS	BY-2 1982	BY-1 1983		AUTHOR- IZED	BY-FY 1984
			PRESIDENT'S	REVISED		
a. SCIENTIFIC						
b. OTHER DIRECT						
c. TOTAL DIRECT						
22. OBLIGATIONS AND COSTS (<i>in Thousands</i>)						
a. TOTAL OBLIGATIONS		138.0		212.0		233.0
b. TOTAL COSTS		138.0		212.0		233.0
23. EQUIPMENT (<i>in Thousands</i>)						
a. EQUIPMENT OBLIGATIONS . . .						
b. EQUIPMENT COSTS						
24. OTHER COSTS (<i>specify</i>)						
a.						
b.						
c.						
d.						
25. OPTIONAL FIVE-YEAR PLAN (<i>in Thousands</i>) Constant BY dollars		BY+1	BY+2	BY+3	BY+4	TOTAL TO COMPLETE
a. TOTAL OPERATING OBLIGATIONS						
b. TOTAL OPERATING COSTS						
c. TOTAL EQUIPMENT OBLIGATIONS						
d. TOTAL EQUIPMENT COSTS						

26. MILESTONE SCHEDULE	PROPOSED SCHEDULE	AUTHORIZED SCHEDULE

FY 1984 BUDGET
U.S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver, Inc.
Energy Support Division
Pacific Operations
Contractor

FIELD TASK PROPOSAL/AGREEMENT

Date: April 23, 1982

Program HA

(M Dollars)

HA-05-01-01 Marshall Islands & Related Health Programs

<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
\$138.0	\$212.0	\$233.0

d. MPRL Field Station Enewetak - M&O

This program provides the minimum maintenance level for the upkeep of the Mid-Pacific Research Laboratory at Enewetak Atoll. Costs include the labor, materials, and shipping costs to maintain the buildings, marine equipment, and vehicles. The sharp increase in 1983 is due to the need to resupply fuel. It was not necessary to purchase fuel in 1981 and only a small quantity in 1982.

U.S. DEPARTMENT OF ENERGY
 PACIFIC AREA SUPPORT OFFICE

FIELD TASK PROPOSAL/AGREEMENT

SCHEDULE 45

NEVADA OPERATIONS
 OFFICE

PROGRAM HA
 (M Dollars)

35-HA-00-00
 PROGRAM

BUDGET AND REPORTING CLASSIFICATION NO. AND TITLE	UNCOSTED OBLIGATIONS 9/30/81	OBLIGATIONS INCURRED			COSTS INCURRED			
		1982	ESTIMATED			ESTIMATED		
			1983	1984		1983	1984	AFTER 1984
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
35-HA-00-00 Bio-Med Capital Equipment	-0-	25.0	30.0	31.0	-0-	30.0	31.0	-0-

FY BUDGET
U.S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver, Inc.
Energy Support Division
Pacific Operations
Contractor

FIELD TASK PROPOSAL/AGREEMENT

Date: April 23, 1982

(M Dollars)

Program 35-HA-00-00
Schedule 45 (continued)

FY 1983

1 Van, Passenger	15.0
1 Stakebed Truck	3.5
1 Jeep (4x4)	<u>11.5</u>
	<u>30.0</u>

The Van will be assigned to Kwajalein to provide a satisfactory method for transporting the numerous personnel who transit the Island and to handle light cargo. It will replace the 1971 Scout which is now being used for those purposes and is beyond economical repair.

The Stakebed Truck will be used for transporting bulk cargo from receiving warehouses to DOE charter vessels.

The Jeep will be assigned to Enewetak Atoll for the use of MPRL and LLNL. The existing comparable unit is unreliable and expensive to maintain.

FY 1984

1 Whaler (17 ft.)	6.0
1 Generator (30 KW)	11.0
4 Pickup Trucks	<u>14.0</u>
	<u>31.0</u>

The Whaler will replace a similar boat which is carried aboard the Liktanur II. The unit is used to transport Marshallese patients from various islands to the vessel for treatment. By FY 1984 the existing boat should be retired for safety reasons.

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Program 35-HA-00-00
Schedule 45 (continued)

The 30 KW Generator will serve as a back-up for generators at all sites. By FY 1984 several of those in use will be unreliable and uneconomical to maintain. Fuel efficient and reliable generators are essential for communications and life support at the remote sites.

The four (4) Pickup Trucks are expected to be obtained through the Excess Program. The 14K estimate is considered a reasonable amount to cover repair work and transportation costs. The units would replace equipment obtained through Government excess which will be uneconomical to maintain by FY 1984. The extremely corrosive atmosphere in the Marshall Islands limits the useful life of vehicles.