be disseminated for in - depth review by the investigator steering committee and follow - up discussion at investigator meetings. It should also be submitted to FDA and each reviewing IRB annually, along with the general information in the attached 'Suggested Format for IDE Progress Reports' (Appendix V).

APPENDICES

I. Federal Regulations
II. Glossary
III. Process Validation
IV. Sterilization
V. IDE Report Format

PRELIMINARY DRAFT

END OF DOCUMENT

OMB NO. 0990-0115

SOLICITATION

SECTION A - SOLICITATION/CONTRACT FORM

1. Purchase Authority: Public Law 95-83 as amended

2. REQUEST FOR PROPOSAL (RFP) NUMBER: NHLBI-HV-92-28	3. ISSUE DATE: October 8, 1992	4. SET ASIDE: _X_ NO ___ YES See Part IV Section L

5. TITLE: Phased Readiness Testing of Implantable Total Artificial Hearts

6. ISSUED BY:	7. SUBMIT OFFERS TO:
HLVD Contracts Section National Heart, Lung, and Blood Institute National Institutes of Health Federal Building, Room 4C04 9000 Rockville Pike Bethesda, Maryland 20892	See Part III, Section J, "Packaging and Delivery of the Proposal," ATTACHMENT 1 of this Solicitation

8. Proposals for furnishing the supplies and/or services in THE SCHEDULE will be received at the place specified in, and in the number of copies specified in Attachment 1 until 4:00pm local time on January 28, 1993.

9. THIS SOLICITATION REQUIRES DELIVERY OF PROPOSALS TO TWO DIFFERENT LOCATIONS. THE OFFICIAL POINT OF RECEIPT FOR THE PURPOSE OF DETERMINING TIMELY DELIVERY IS THE ADDRESS PROVIDED FOR THE RESEARCH CONTRACTS BRANCH AS STATED IN ATTACHMENT 1. IF YOUR PROPOSAL IS NOT RECEIVED BY THE CONTRACTING OFFICER OR HIS DESIGNEE AT THE PLACE AND TIME SPECIFIED FOR THE RESEARCH CONTRACTS BRANCH, THEN IT WILL BE CONSIDERED LATE AND HANDLED IN ACCORDANCE WITH PHS CLAUSE 352.215-10 ENTITLED, "LATE PROPOSALS, MODIFICATIONS OF PROPOSALS AND WITHDRAWALS OF PROPOSALS" LOCATED ON PAGE 132 OF THIS SOLICITATION.

10. Offeror must provide full name, address, TIN, and, if different, the address to which payment should be mailed.

. FOR INFORMATION CALL: Joan E. O'Brien
PHONE: (301) 496-6838
COLLECT CALLS WILL NOT BE ACCEPTED.

12. Table of Contents on following page.

Joan E. O'Brien
Contracting Officer
HLVD Contracts Section
National Heart, Lung, and Blood Institute

DETAILED TABLE OF RFP CONTENTS

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PART I - THE SCHEDULE

THE CONTRACT SCHEDULE SET FORTH IN SECTIONS B THROUGH H, HEREIN, CONTAINS CONTRACTUAL INFORMATION PERTINENT TO THIS SOLICITATION. IT IS NOT AN EXACT REPRESENTATION OF THE PROPOSED CONTRACT DOCUMENT. CONTRACTUAL PROVISIONS PERTINENT TO THE OFFEROR (I.E., THOSE RELATING TO THE ORGANIZATIONAL STRUCTURE [E.G., NON-PROFIT, COMMERCIAL] AND SPECIFIC COST AUTHORIZATIONS UNIQUE TO THE OFFEROR'S PROPOSAL AND REQUIRING CONTRACTING OFFICER PRIOR APPROVAL) WILL BE DISCUSSED IN THE NEGOTIATION PROCESS AND WILL BE INCLUDED IN THE RESULTANT CONTRACT. HOWEVER, THE ENCLOSED CONTRACT SCHEDULE PROVIDES ALL THE NECESSARY INFORMATION FOR THE OFFEROR TO UNDERSTAND THE TERMS AND CONDITIONS OF THE RESULTANT CONTRACT.

SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ARTICLE B.1. BRIEF DESCRIPTION OF SUPPLIES OR SERVICES

The objectives of the solicitation are to complete the development of electrically powered, totally implantable artificial heart (TAH) system and establish the reliability, performance and manufacturability of these TAH systems.

ARTICLE B.2. PRICES/COSTS

The final contract will contain the price/cost provisions agreed upon during negotiations.

ARTICLE B.3. PROVISIONS APPLICABLE TO DIRECT COSTS

This article will prohibit or restrict the use of contract funds, unless otherwise approved by the Contracting Officer for: 1) Acquisition, by purchase or lease, of any interest in real property; 2) Special rearrangement or alteration of facilities; 3) Purchase or lease of any item of general purpose office furniture or office equipment regardless of dollar value; 4) Travel Costs; 5) Patient Care Costs; 6) Accountable Government Property; and 7) Research Funding.

ARTICLE B.4. ADVANCE UNDERSTANDINGS

Specific elements of cost, which normally require prior written approval of the Contracting Officer before incurrence of the cost (e.g., foreign travel, consultant fees, subcontracts) will be included in this Article if the Contracting Officer has granted his/her approval in the preaward negotiation process.

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

ARTICLE C.1. STATEMENT OF WORK

a. Independently and not as an agent of the Government, the Contractor shall be required to furnish all the necessary services, qualified personnel, material equipment, and facilities, not otherwise provided by the Government, as needed to perform the Statement of Work, SECTION J, ATTACHMENT 2, dated October 8, 1992 attached hereto and made a part of this Solicitation.

ARTICLE C.2. REPORTING REQUIREMENTS

a. Technical Progress Reports

In addition to the required reports set forth elsewhere in this Schedule, the preparation and submission of regularly recurring Technical Progress Reports will be required in any contract resulting from this solicitation. These reports will require descriptive information about the activities undertaken during the reporting period and will require information about planned activities for future reporting periods. The frequency and specific content of these reports will be determined during negotiations.

For proposal preparation purposes only, it is estimated that three copies of these reports will be required as follows:

(X) Quarterly
(X) Annually (with a requirement for a Draft Annual Report)
(X) Final - Upon final completion of the contract (with a requirement for a Draft Final Report)

b. Summary of Salient Results

The Contractor will be required to prepare and submit, with the final report, a summary (not to exceed 200 words) of salient results achieved during the performance of the contract. This report will be required on or before the expiration date of the contract.

c. Program Plan

The Contractor shall prepare a program plan comprised of anticipated completion dates of key milestones. This report will be required on or before thirty (30) dates from the date of award in Phase I and on or before thirty (30) days from the beginning of Phase II.

d. In Vivo Reports

The Contractor shall prepare a report which will contain the important measurements that indicate the physiological status of the animals as well as device performance. This report will be required biweekly during chronic in vivo TAH performance tests.

e. Final Technical Report - Phase I

Ninety days before the end of Phase I, the contractor shall prepare and submit a final technical report of progress of activities, specifically describing accomplishments on a task by task basis. The demonstrated accomplishments shall include, at a minimum, a TAH design for five year life, two hermetically sealed TAH systems tested in vitro for at least 3 months two hermetically sealed TAH systems evaluated in animals over at least a two month period, a completed test fixture appropriate for performing device readiness testing for at least two TAH systems, a Quality Control and Quality Management program in place, etc. An operational TAH system shall accompany the Final Technical Report.

f. Final Technical Report - Phase II

Ninety days before the end of Phase II, the contractor shall prepare and submit a final technical report of progress of activities, specifically describing accomplishments on a task by task basis. The accomplishments shall include, at a minimum, the results of the in vitro device readiness testing over a two year period and the results of the chronic animal testing to achieve 40 animal months of failure free operation. An operational TAH system shall accompany the Final Technical Report.

SECTION D - PACKAGING, MARKING AND SHIPPING

All deliverables required under this contract shall be packaged, marked and shipped in accordance with Government specifications. The Contractor shall guarantee that all required materials shall be delivered in immediate usable and acceptable condition.

SECTION E - INSPECTION AND ACCEPTANCE

a. The Contracting Officer or the duly authorized representative will perform inspection and acceptance of materials and services to be provided.

b. For the purpose of this ARTICLE, the Project Officer is the authorized representative of the Contracting Officer.

c. Inspection and acceptance will be performed at:

National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 4C04
7550 Wisconsin Avenue
Bethesda, Maryland 20892

Acceptance may be presumed unless otherwise indicated in writing by the Contracting Officer or the duly authorized representative within 30 days of receipt.

d. This contract incorporates the following clause by reference, with the same force and effect as if it were given in full text. Upon request, the Contracting Officer will make its full text available.

FAR Clause No 52.246-8, INSPECTION OF RESEARCH AND DEVELOPMENT - COST REIMBURSEMENT (APRIL 1984)

SECTION F - DELIVERIES OR PERFORMANCE

ARTICLE F.1. DELIVERIES

a. Satisfactory performance of the final contract shall be deemed to occur upon delivery and acceptance by the Contracting Officer, or the duly authorized representative, of the following items in accordance with the stated delivery schedule:

(1) The items specified below as described in SECTION C, ARTICLE C.1 and C.2 will be required to be delivered F.O.B. Destination as set forth in FAR 52.247-35, F.O.B. DESTINATION, WITHIN CONSIGNEES PREMISES (APRIL 1984), and in accordance with and by the date(s) specified below [and any specifications stated in SECTION D, PACKAGING AND MARKING, of the contract]:

Phase I

Item	Description	Quantity	Delivery Schedule
(a)	Program Plan	3	30 days from the date of contract award.
(b)	*In Vivo* Report	3	Biweekly during chronic *in vivo* TAH performance tests.
(c)	Quarterly Reports	3	15 days following the end of each three-month interval after the date of award.
(d)	Draft Annual Report	3	90 days before the anniversary dates of the award.
(e)	Annual Reports	3	Yearly, on anniversary dates of award.
(f)	Final Phase I Technical Report	3	90 days before the completion of Phase I.
(g)	Operational TAH system	1	Completion date of Phase I.

Phase II

Item	Description	Quantity	Delivery Schedule
(a)	Program Plan	3	30 days from the beginning day of Phase II.
(b)	*In Vivo* Report	3	Biweekly during chronic *in vivo* TAH performance tests.
(c)	Quarterly Reports	3	15 days following the end of each three-month interval after the start date of Phase II.
(d)	Draft Annual Report	3	90 days before the anniversary dates of the start of Phase II.

(e)	Annual Reports	3	Yearly, on anniversary dates of the start of Phase II.
(f)	Draft Final Phase II Technical Report	3	90 days before contract expiration.
(g)	Final Phase II Technical Report, summary of salient report	3	Contract expiration date.
(h)	Operational TAH System	1	Contract expiration date.

The above items shall be addressed and delivered to:

Phase I

Addressee	Deliverable Item No.	Quantity
Project Officer National Heart, Lung and Blood Institute National Institute of Health Bethesda, MD. 20892	(a) Program Plan (b) In Vivo Report (c) Quarterly Reports (d) Draft Annual Report (e) Annual Report (f) Final Phase I Technical Report (g) Operational TAH system Phase I	2 2 2 2 2 2 1
Contracting Officer HLVD Contracts Section National Heart, Lung and Blood Institute National Institute of Health Bethesda, MD. 20892	(a) Program Plan (b) In Vivo Report (c) Quarterly Reports (d) Draft Annual Report (e) Annual Report (f) Final Phase I Technical Report	1 1 1 1 1 1

Phase II

Addressee	Deliverable Item No.	Quantity
Project Officer National Heart, Lung and Blood Institute National Institute of Health Bethesda, MD. 20892	(a) Program Plan (b) In Vivo Report (c) Quarterly Reports (d) Draft Annual Report (e) Annual Report (f) Draft Final Phase II Technical Report (g) Final Phase II Technical Report (h) Operational TAH system Phase II	2 2 2 2 2 2 1 1

Contracting Officer HLVD Contracts Section National Heart, Lung and Blood Institute National Institute of Health Bethesda, MD. 20892	(a) Program Plan	1
	(b) In Vivo Report	1
	(c) Quarterly Reports	1
	(d) Draft Annual Report	1
	(e) Annual Report	1
	(f) Draft Final Phase II Technical Report	1
	(g) Final Phase II Technical Report	1

ARTICLE F.2. STOP WORK ORDER

Any contract resulting from this RFP will contain the following:

This contract incorporates the following clause by reference, with the same force and effect as if it were given in full text. Upon request, the Contracting Officer will make its full text available.

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSE: 52.212-13, STOP WORK ORDER (AUGUST 1989) with ALTERNATE I (APRIL 1984)

SECTION G - CONTRACT ADMINISTRATION DATA

Any contract awarded from this RFP will contain the following:

ARTICLE G.1. PROJECT OFFICER

The following Project Officer(s) will represent the Government for the purpose of this contract:

[To be specified during negotiations]

The Project Officer is responsible for: (1) monitoring the Contractor's technical progress, including the surveillance and assessment of performance and recommending to the Contracting Officer changes in requirements; (2) interpreting the statement of work and any other technical performance requirements; (3) performing technical evaluation as required; (4) performing technical inspections and acceptances required by this contract; and (5) assisting in the resolution of technical problems encountered during performance.

The Contracting Officer is the only person with authority to act as agent of the Government under this contract. Only the Contracting Officer has authority to: (1) direct or negotiate any changes in the statement of work; (2) modify or extend the period of performance; (3) change the delivery schedule; (4) authorize reimbursement to the Contractor any costs incurred during the performance of this contract; or (5) otherwise change any terms and conditions of this contract.

The Government may unilaterally change its Project Officer designation.

ARTICLE G.3. KEY PERSONNEL

The personnel specified in this contract are considered to be essential to the work to be performed hereunder. Prior to diverting any of the specified individuals to other programs, the Contractor shall notify the Contracting Officer reasonably in advance and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on the program. No diversion shall be made by the Contractor without the written consent of the Contracting Officer; provided, that the Contracting Officer may ratify in writing such diversion and such ratification shall constitute the consent of the Contracting Officer required by this article. The contract may be amended from time to time during the course of the contract to either add or delete personnel, as appropriate.

The following individuals are considered to be essential to the work being performed hereunder:

NAME	TITLE
[To be specified during negotiations]	

ARTICLE G.4. INVOICE SUBMISSION

a. Invoice/Financing Request Instructions for NIH Cost-Reimbursement Type Contracts, NIH(RC)-1, are attached and made part of this contract. The instructions and the following directions for the submission of invoices/financing requests must be followed to meet the requirements of a "proper" payment request pursuant to FAR 32.9.

Invoices/financing requests shall be submitted concurrently as follows:

(1) An original and two copies to the following designated payment office:

National Institutes of Health
Division of Financial Management
Chief, Contracts Section, FAAB
Building 31, Room B1B05A
9000 Rockville Pike
Bethesda, Maryland 20892

(2) Three copies to the following approving officer:

Contracting Officer
HLVD Contracts Section
National Heart, Lung and Blood Institute, NIH
Federal Building, Room 4C04
Bethesda, Maryland 20892

Inquiries regarding payment of invoices should be directed to the designated payment office, attention of Chief, Contracts Section, FAAB, (301) 496-6452.

ARTICLE G.5. CONTRACT FINANCIAL REPORT

a. Financial reports on the attached Form NIH-2706, Financial Report of Individual Project/Contract, shall be submitted by the Contractor in accordance with the Instructions for Completing Form NIH-2706, which accompany the form, in an original and two copies, not later than the 30th working day after the close of the reporting period. The line entries for subdivisions of work and elements of cost (expenditure categories) which shall be reported within the total contract are listed in paragraph e., below. Subsequent changes and/or additions in the line entries shall be made in writing.

b. Unless otherwise stated in that part of the Instructions for Completing Form NIH-2706, "Preparation Instructions," all columns A through J, shall be completed for each report submitted.

c. The first financial report shall cover the period consisting of the first full three calendar months following the date of the contract, in addition to any fractional part of the initial month. Thereafter, reports will be on a quarterly basis.

d. The Contracting Officer may require the Contractor to submit detailed support for costs contained in one or more interim financial reports. This clause does not supersede the record retention requirements in FAR Part 4.7.

e. The following are examples of expenditure categories to be reported:

Expenditure Category A	Percentage of Effort/Hours
(1) Direct Labor	
(a) Principal Investigator	
(b) Co-Principal Investigator	
(c) Key Personnel	
(i)	
(ii)	
(iii)	
(2) Professional Personnel - Other	
(3) Personnel Other	
(4) Fringe Benefits	
(5) Materials/Supplies	
(6) Travel	
(7) Equipment	
(8) Indirect Cost	
(9) G&A	
(10) Premium Pay	
(11) Computer Costs	
(12) Consultant Costs	
(13) Subcontract Costs	
(14) Fee	
(15) Total	

ARTICLE G.6. INDIRECT COST RATES

In accordance with Federal Acquisition Regulation (FAR) (48 CFR Chapter 1) Clause 52.216-7(d)(2), Allowable Cost and Payment incorporated by reference in this contract in Part II, Section I, the cognizant Contracting Officer responsible for negotiating provisional and/or final indirect cost rates is identified as follows:

Chief, Financial Advisory Services Branch
Division of Contracts and Grants
Building 31, Room 1B43
National Institutes of Health
Bethesda, Maryland 20892

These rates are hereby incorporated without further action of the Contracting Officer.

ARTICLE G.7. GOVERNMENT PROPERTY

If this RFP will result in the acquisition or use of Government Property provided by the contracting agency or if the Contracting Officer authorizes in the preaward negotiation process, the acquisition of property (other than real property), this ARTICLE will include applicable provisions and incorporate the DHHS Publication (OS) 686, entitled, Contractor's Guide for Control of Government Property, (1990).

ARTICLE G.8. GOVERNMENT SUPPLY SOURCES

Any contract resulting from this RFP will incorporate the following clause by reference, with the same force and effect as if it were given a full text. Upon request, the Contracting Officer will make its full text available.

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSE: 52.251-1, GOVERNMENT SUPPLY SOURCES (APRIL 1984)

SECTION H - SPECIAL CONTRACT REQUIREMENTS

ARTICLE H.1. SUBCONTRACTING PROVISIONS

a. Small Business and Small Disadvantaged Business Subcontracting Plan

(1) The Small Business and Small Disadvantaged Business Subcontracting Plan, dated is attached hereto and made a part of this contract.

(2) The failure of any Contractor or subcontractor to comply in good faith with the Clause entitled "Utilization of Small Business Concerns and Small Disadvantaged Business Concerns" incorporated in this contract and the attached Subcontracting Plan, will be a material breach of such contract or subcontract and subject to the remedies reserved to the Government under FAR Clause 52.219-16 entitled, "LIQUIDATED DAMAGES - SMALL BUSINESS SUBCONTRACTING PLAN."

b. Subcontracting Reports

(1) The Contractor shall submit the original and 1 copy of Subcontracting Report for Individual Contracts, SF-294 in accordance with the instructions on the report as referenced in Public Law 95-507, Section 211. Regardless of the effective date of this contract, the Report shall be submitted on the following dates for the entire life of this contract:

April 30th
October 30th

The Report shall be sent to the following address:

Contracting Officer
HLVD Contracts Section
National Heart, Lung and Blood Institute, NIH
Federal Building, Room 4C04
Bethesda, Maryland 20892

(2) The Contractor shall submit 1 copy of Summary Subcontract Report, SF-295 in accordance with the instructions on the report as referenced in Public Law 95-507, Section 211. The Summary Contracting Report shall be submitted annually on the following date for the entire life of this contract:

October 30th

The first report shall be submitted after the first full year of this contract in addition to any fractional part of the year in which this contract became effective. This Report shall be mailed to the following address:

Office of Small and Disadvantaged Business Utilization
Department of Health and Human Services
Hubert H. Humphrey Bldg., Room 517-D
200 Independence Avenue, S.W.
Washington, D.C. 20201

ARTICLE H.2. SALARY RATE LIMITATION IN FISCAL YEAR 1992*

Pursuant to Public Law (P.L.) 102-107, no NIH Fiscal Year 1992 (October 1, 1991 - September 30, 1992) funds may be used to pay the direct salary of an individual through this contract at a rate in excess of $125,000 per year (direct salary is exclusive of Overhead, Fringe Benefits and General and Administrative Expenses). The $125,000 per year salary limit also applies to individuals proposed under subcontracts. If this is a multi-year contract, it may be subject to unilateral modification by the Government if an individual's salary rate exceeds any salary rate ceiling established in future DHHS appropriation acts. P.L. 102-107 states in pertinent part:

"None of the funds appropriated in this title for the National Institutes of Health and the Alcohol, Drug Abuse and Mental Health Administration shall be used to pay the salary of an individual through a grant or other extramural mechanism at a rate in excess of $125,000 per year."

*Legislation is pending for salary rate limitation for Fiscal year 1993. This article will be modified when the public law has been signed.

ARTICLE H.3. RESTRICTION FROM USE OF LIVE VERTEBRATE ANIMALS

UNDER GOVERNING POLICY, FEDERAL FUNDS ADMINISTERED BY THE PUBLIC HEALTH SERVICE (PHS) SHALL NOT BE EXPENDED FOR RESEARCH INVOLVING LIVE VERTEBRATE ANIMALS WITHOUT PRIOR APPROVAL BY THE OFFICE FOR PROTECTION FROM RESEARCH RISKS (OPRR) OF AN ASSURANCE TO COMPLY WITH THE PHS POLICY ON HUMANE CARE AND USE OF LABORATORY ANIMALS. THIS RESTRICTION APPLIES TO ALL PERFORMANCE SITES WITHOUT OPRR-APPROVAL ASSURANCES, WHETHER DOMESTIC OR FOREIGN.

PART III

LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

	TITLE	DATE	# of PAGES
1.	Packaging and Delivery of Proposal	Dec., 1988	2
2.	Statement of Work	Oct., 1992	17
3.	Invoice/Financing Request Instructions for NIH Cost-Reimbursement Type Contracts, NIH(RC)-1[5]	Jan., 1991	5
4.	HHS 646, Financial Report of Individual Project/Contract[5]	Jan., 1981	1
5.	Instructions for Completing Form HHS-646[5]	Dec., 1990	4
6.	Subcontract Plan Format[2] or [3]	May, 1991	8
7.	Procurement of Certain Equipment, NIH(RC)-7 (OMB Bulletin 81-16)[5]	Apr., 1984	1
8.	Disclosure of Lobbying Activities, OMB Form SF-LLL[2]	Dec., 1989	3
9.	Proposal Summary and Data Record, NIH-2043 (Rev. 6/82)[2]	June, 1982	2
10.	Technical Proposal Cost Information[1]	Dec., 1988	1
11.	Contract Pricing Proposal, SF 1411[2]	July, 1987	1
12.	Breakdown of Proposed Estimated Cost (plus fee) and Labor Hours[2]	Dec., 1988	2
13.	Summary of Related Activities[1]	March, 1984	1
14.	Proposal Intent Response Sheet	March, 1984	1
15.	Government Notice for Handling Proposals[1]	Apr., 1984	1
16.	International Standard ISO 9000.	ISO 9000:1987	9
17.	Rosenberg, G, et al. report.	June, 1990	8
18.	NIH Publication No. 1 85-2723,	Oct., 1983	5
19.	Public Health Service Policy on Humane Care and Use of Laboratory Animals.	N/A	1

Footnotes:

1. These forms must be completed (where applicable) and submitted with the Technical Proposal.
2. These forms must be completed (where applicable) and submitted with the Business Proposal.
3. These forms are for informational purposes only.
4. If applicable, this form is to be completed and submitted with the Technical Proposal. ALL INSTITUTIONS MUST HAVE THE FORM REVIEWED AND APPROVED BY THEIR INSTITUTIONAL REVIEW COMMITTEE.
5. These forms will be attached to any contract resulting from this RFP.

PACKAGING AND DELIVERY OF THE PROPOSAL

Your proposal shall be organized as specified in Section L.2., "Instructions to Offerors" - General Instructions. Shipment and marking shall be as indicated below.

EXTERNAL PACKAGE MARKING

In addition to the address cited below, mark each package as follows:

"RFP NO. 92-28

TO BE OPENED BY AUTHORIZED GOVERNMENT PERSONNEL ONLY"

NUMBER OF COPIES

PLEASE NOTE - THE TECHNICAL PROPOSAL SHALL BE SENT IN SPLIT SHIPMENTS TO TWO LOCATIONS. PLEASE READ THE FOLLOWING INFORMATION CAREFULLY.

A. TECHNICAL PROPOSAL ONLY

ORIGINAL* AND 25 COPIES TO:

If hand-delivered or delivery service

Joan E. O'Brien
Contract Specialist
HLVD Contracts Section
National Heart, Lung, and
Blood Institute, NIH
Federal Building, Room 4C04
7550 Wisconsin Avenue
Rockville, Maryland 20814

If using U.S. Postal Service

Joan E. O'Brien
Contract Specialist
HLVD Contracts Section
National Institutes of Health
National Heart, Lung, and
Blood Institute
Federal Building, Rm. 4C04
Bethesda, Maryland 20892

COPIES TO:

If hand-delivered or delivery service

Review Branch
Division of Extramural Affairs
National Heart, Lung and
and Blood Institute, NIH
Westwood Building, Room 5A14
5333 Westbard Avenue
Bethesda, Maryland 20816

If using U.S. Postal Service

Review Branch
Division of Extramural Affairs
National Institutes of Health
National Heart, Lung, and
Blood Institute
Westwood Building, Room 5A14
Bethesda, Maryland 20892