

**OCEANOGRAPHIC TECHNICAL SUPPORT
PROPOSAL FORMAT DETAILS AND TABLES
May 2012**

**Section 1
DESCRIPTION OF MANAGEMENT STRUCTURE**

Provide a brief (2 pages or less) description and chart of the institutional management structure of which the technical group is a part. The narrative should include information on patterns of supervision, organizational location(s) of the technician function and any additional information needed to evaluate the proposal.

**Section 2
INVENTORY OF SHARED USE EQUIPMENT**

Login to the Ship Time Request System (STRS) to review and update your ship's equipment inventory. Once logged in, go to Search Public Records/ UNOLS Equipment Inventory to make any updates and verify the list. The equipment inventory can be found at http://strs.unols.org/Public/Search/diu_equipment.aspx. Verification and updating this information online is a precondition for a tech services award.

**Section 3
BASIC SERVICES PROVIDED**

Provide a brief (5 pages or less) general summary of your basic technical support activities, both at sea and shore-side. Describe pre-cruise planning, basic maintenance of shared use equipment, calibration management, at-sea support and post cruise activities. Discuss any unique challenges presented by this season's proposed work. Specific staffing details will be covered in the next section.

**Section 4
BASIC SERVICES PROPOSED YEAR PROGRAM PLAN**

The Tables referenced in this section are shown the proposal example below. They are populated with data to serve as an example of the required format and to provide a guide of what is expected with regards to content.

4.1 Operating Days (Table 4.1)

Using the most current schedule at the time of submission, enter the vessels(s), and the number of operating days per Agency. NOTE: Awards will be negotiated from the most current schedule taken from the UNOLS website at the time of the negotiation. Operating days include transit and in-port days as per Ship Operations guidelines.

4.2 Calendar Months Charged to Basic Services (Table 4.2)

Enter the calendar months charged for all projects, contracts, etc., of all agencies and organizations listed in Table 4.1. In the locations provided below the table provide the following:

- Explain the formula used to compute calendar months.
- Explain how many hours/day are worked at sea and ashore.
- Explain overtime, seapay and/or other means of compensation.
- Explain any unusual amounts of overtime or sea-duty expected.
- Explain the standard Marine Technician compliment and any technician support above and beyond the standard compliment.
- Additional comments regarding basic technical services that bear on the review of this proposal.

4.3 Summary 12 Month Basic Services Budget (Table 4.3)

Provide a budget for the complete Basic Services program in the required format (an example in the required format is provided in the proposal example below). This budget must include costs for all grants, contracts, etc. for all agencies. The breakdown for the budget is as follows:

- I. Salaries, Wages and Fringe Benefits
- II. Other Direct Costs
 - A. Travel
 - B. Materials and Supplies
 - C. Repair and Maintenance
 - D. Consultant Services
 - E. Subawards
 - F. Other
 - G. HiSeasNet (if applicable)
- III. Indirect Costs
- IV. Total Basic Services Program Budget
 - A. Total Program Costs
 - B. Day Rate Calculator
 - C. Total Program Budget
- V. Reductions/Additions to NSF Request
 - A. Funds from other sources
 - B. HiSeasNet deduction (if applicable)
 - C. Basic Services Carry-forward
 - D. Technician Exchange Carry-Forward
 - E. Total Reductions/Additions to NSF Request
- VI. Final NSF Basic Services Request

4.4 Basic Services Budget Justification

Provide a narrative describing proposed expenses. Especially describe any new positions supported under this award that have not previously been supported by this Program, any additional technician support required beyond the standard compliment, and/or any fundamental changes to your organization. In addition, please discuss any increase in day rate of greater than 5% from previous year. If technician exchanges occurred in the previous program year, please outline what they entailed.

Section 5 SPECIALIZED SUPPORT SERVICES

Instrument systems should generally be supported as part of basic technical services if they do not require additional technical personnel at sea for their operation. The operator, however, may determine some services are best provided as specialized services owing to the additional support requirements, both personnel and equipment. Costs for these services are not included as part of the day rate charged to all users of the vessel. Please include budgets and a narrative explaining the proposed work in the format specified. Tech exchanges planned in advance should be included here. Three examples in the required format are provided in the example below (Tables 5.1, 5.2.1, 5.2.2, 5.2.3).

Allowable costs for specialized services include the following:

- Salary, benefits and overtime for technicians to operate specialized instrumentation at sea.
- Travel for extra technical personnel to and from the vessel.
- Shipping of specialized instrumentation to and from the vessel.
- Mobilization and demobilization costs related to use of specialized instrumentation.
- Costs of spare parts and expendable supplies related to operation of specialized instrumentation.
- Other direct costs related to operation of specialized instrumentation, with justification.
- Appropriate indirect costs.

Costs which are NOT allowable in Section 4.B. include:

- Costs of Technical Services Group management.
- Costs which are otherwise part of the Basic Technical Services daily rate.
- Costs of individuals who are part of the scientific party of the project.
- Costs related to data processing or analysis.
- Costs of routine watchstanding.
- Costs related to projects which are not supported by NSF research grants or contracts

5.1 Summary of Specialized Services Support (Table 5.1)

Provide a summary of proposed Specialized Services that includes system name, total annual costs, NSF portion of total costs and day rate if applicable (example below, Table 5.1)

5.2.X Specialized Services Summary 12-month Budget and Justification (Table 5.2.x)

Supply a separate budget table for each Specialized Services System requested in Table 5.1. For each system include a narrative description of the instrumentation and services provided. Detail costs of equipment and supplies requested, and describe shipboard and shore-based responsibilities for all individuals for whom salaries are requested. If individuals are included in both Basic and Specialized Services support requests, indicate how effort is to be divided between different responsibilities (see example below, Tables 5.2,1, 5.2.2, 5.2.3)

5.3 Specialized Services Carry-Forward (Table 5.3)

Provide a summary of each specialized service that was NSF-funded last year and provide a brief narrative discussing the service, any substantive changes from the original award and its outcome. Table 5.3 in the example below shows the required format.

5.4 Total NSF Specialized Services Request (Table 5.4)

Provide the total requested NSF Specialized Services award (5.1 + 5.3)

Section 6

Total NSF Request Summary

Provide a summary table in the format shown in the example below, Table 6. The total NSF Request should be the sum of the total basic services request and the total specialized services request (4.3.VI + 5.4). If there are requests other than those listed, provide that information here.

Section 7

Post-Cruise Assessment Reviews

Provide a narrative discussion of the current year Post-Cruise Assessments. Include discussions of the comments (positive and negative) regarding the Technical Support during the cruises along with any measures taken to resolve the problem(s). Include any issues or special circumstances that affected or will affect operations or costs in current or proposed year.

Example of Proposal Sections 4, 5, and 6 with required tables

University of North America
 Oceanographic Technical Support Services CYXX

Section 4 BASIC SERVICES PROPOSED YEAR PROGRAM PLAN

The tables below contain examples of the requested information in the shaded boxes. They are presented in the required format.

4.1. Operating Days (Table 4.1)

Using the most current schedule at the time of submission, enter the vessels(s) and the number of operating days per Agency. NOTE: Awards will be negotiated from the most current schedule taken from the UNOLS website at the time of the negotiation. Operating days include transit and in-port days as per Ship Operations guidelines.

Table 4.1
Basic Oceanographic Technical Services Days Per Agency

	<i>RV MINNOW # of Days</i>	<i>RV BOUNTY # of Days</i>	<i>RV PEQUOD # of Days</i>	<i>Ship 4 # of Days</i>
Agency				
NSF	10	100	100	
NAVY	50	50	50	
NOAA	25	25	25	
STATE				
INSTITUTION	10	10	10	
OTHER				
Total Days	95	185	185	0

4.2. Calendar Months Charged to Basic Technical Services (Table 4.2)

Complete Table 4.2 for any personnel to be supported by Basic Services. Enter the calendar months charged for all projects, contracts, etc., of all agencies and organizations listed in Table 4.1. Subsequently, discuss the following:

- Explain the formula used to compute calendar months
- Explain how many hours/day are worked at sea and ashore
- Explain overtime, seapay or other means of compensation
- Explain any unusual amounts of overtime or sea-duty expected
- Explain the standard Marine Technician compliment and any technician support above and beyond the standard compliment.
- Additional comments regarding basic technical services that bear on the review of this proposal

Table 4.2
**Calendar Months Charged to
 Basic Oceanographic Technical Services**

Technician Name	Title	Total Months	Months At Sea	Months Ashore
Marjorie Manager	Marine Technician Manager	12	1	11
John Tech	Sr. Marine Technician	12	5	7
Sally Skipjack	Marine Technician	10	5	5
Seymour Salmon	Computer Technician	10	4	6
Thomas Tuna	Electronics Technician	10	4	6

Explain the formula used to compute calendar Months:

Calendar months are computed on a 22-day month. At-sea months reflect the total number of days at sea divided by 22. Time ashore is calculated by subtracting at-sea time from total months; therefore it includes vacation and holiday time.

Explain how many hours/day are worked at sea and ashore:

At sea, Marine Technicians work 12 hour shifts/day. On shore, MTs standardly work 8 hours/day. On occasion (eg mob and demob), the technicians will work overtime ashore.

Explain Overtime, Seapay or other means of compensation:

No unusual amounts of overtime or sea-duty are expected.

Explain any unusual amounts of overtime or sea-duty:

Overtime is paid at 1.5x regular pay for any time over 40hours per week.

Explain the Standard Marine Technician Compliment and any technician support above and beyond the standard compliment:

The standard Marine Technician compliment is 2 technicians on both the RV Pequod and the RV Bounty. Only one Marine Technician sails on the RV Minnow. The following projects are requiring Marine Technician support above the standard compliment:

RV Pequod:

Dr. Sally Scientist. Dr. Scientist's cruise will have 7 different science groups onboard and will be 24 hour operations on deck as well as intense computer/comms and multibeam work. There are not enough skilled technicians within the science party to fulfill the deck duties so we will sail 2 Marine Technicians and 1 Computer technician on this cruise.

RV Minnow

Dr. Brandi Biologist. Dr. Biologist's cruise will be conducting 24 hour deck operations without sufficient science-party expertise. Thus, we will be sailing 2 Marine Technicians on this cruise to each cover the 12hour shifts.

Additional comments regarding basic technical services that bear on the review of this proposal:

4.3. Summary 12 Month Basic Services Budget (Table 4.3)

Provide a budget for the complete basic oceanographic technical services program in the required format. This budget must include costs for all grants, contracts, etc. for all agencies. The breakdown for the budget is as follows:

- I. Salaries, Wages and Fringe Benefits
- II. Other Direct Costs
 - A. Travel
 - B. Materials and Supplies
 - C. Repair and Maintenance
 - D. Consultant Services
 - E. Subawards
 - F. Other
 - G. HiSeasNet (if applicable)
- III. Indirect Costs
- IV. Total Basic Services Program Budget
 - H. Total Program Cost
 - I. Day Rate Calculator
 - J. Total Program Budget
- V. Reductions/Additions to NSF Request
 - K. Funds from other sources
 - L. HiSeasNet deduction (if applicable)
 - M. Basic Services Carry-forward
 - N. Technician Exchange Carry-Forward
 - O. Total Reductions/Additions to NSF Request
- VI. Final NSF Basic Services Request

Table 4.3
Proposed Year
Summary 12 Month Budget
Basic Services Support

I. Salaries and Wages

Total Salaries and Wages	\$300,000
Overtime and Sea Pay	\$75,000
Fringe Benefits	\$130,000

I. Total Salaries, Wages, and Fringe Benefits \$505,000

II Other Direct Costs

- A. Travel
 - 1. Domestic

# Techs	Route	Transport Cost	Per Diem Rate	# Days	Total Cost
2	UNA to Honolulu RT - RV BOUNTY	\$1,000	\$75	5	\$2,750
2	UNA to San Diego, CA RT - RV MINNOW	\$500	\$75	5	\$1,750
2	UNA to Seattle, WA RT - RV BOUNTY	\$150	\$75	5	\$1,050
					\$-
					\$-
					\$-
Total Domestic					\$5,550

F.	Other			
	a.	Technician Training		\$50,000
	b.			
	c.			
	d.			

G.	HiSeasNet Communication System			
	# Days	Rate		
	185	\$150	Ku Band	\$27,750
	370	\$250	C Band	\$92,500

Explanation of HiSeasNet charges:

RV Minnow - Ku Band - 185 days * \$150
 RV BOUNTY - C-Band - 185 days * \$250
 RV PEQUOD - C-Band - 185 days * \$250

Total B-H \$416,250

II. Total Other Direct Costs \$429,300

Total Direct Costs (I+II) \$934,300

III Indirect Costs

Indirect Cost Item	Amount	Rate
Direct Cost	\$922,300	17.00%

III. Total Indirect Costs \$156,791

Please Explain Indirect Cost Charge Structure (ie what is included/excluded):

Indirect costs exclude IID-a \$12,000

IV Total Basic Services Program Budget

A. Total Program Costs (I+II+III) **\$1,091,091**

B. Dayrate Calculator

Ship	# of Days	Rate	Income
RV MINNOW	185	\$1,000	\$185,000
RV BOUNTY	185	\$2,000	\$370,000
RV PEQUOD	185	\$2,900	\$536,500
			\$-

C. **Total Program Budget** **\$1,091,500**

NOTE:

- The sum of the number of operating days * day rate for each ship should equal the total budget
- For single ship operations, simply divide the total budget by the number of days to get the day rate.

V. Reductions/Additions to NSF Request

A. Funds from Other Sources

RV MINNOW	days	rate	total
1 NAVY	50	1000	\$50,000
2 NOAA	25	1000	\$25,000
3 STATE			\$-
4 INSTITUTION	10	1000	\$10,000
5 OTHER			\$-

RV BOUNTY	days	rate	total
1 NAVY	50	2000	\$100,000
2 NOAA	25	2000	\$50,000
3 STATE			\$-
4 INSTITUTION	10	2000	\$20,000
5 OTHER			\$-

RV PEQUOD	days	rate	total
1 NAVY	50	2900	\$145,000
2 NOAA	25	2900	\$72,500
3 STATE			\$-
4 INSTITUTION	10	2900	\$29,000
5 OTHER			\$-

Ship 4	days	rate	total
1 NAVY			\$-
2 NOAA			\$-
3 STATE			\$-
4 INSTITUTION			\$-
5 OTHER			\$-

A. Less Funds From Other Sources: \$(501,500)

B NSF Funds for HiSeasNet

1 NSF Share of HiSeasNet			
# Days	Rate		
100	\$150	KuBand Rate	\$(15,000)
200	\$250	C Band Rate	\$(50,000)

2 Indirect Costs on NSF HiSeasNet Costs		
IDC		
Rate:	17%	\$(11,050)

B. Less NSF HiSeasNet Cost: \$(76,050)

C. Basic Services Carry-Forward (CF)

Ship	Days Funded	Days Completed	Day Rate
RV MINNOW	190	185	\$1,000
RV BOUNTY	190	195	\$2,000
RV PEQUOD	120	120	\$2,500
Ship 4			

Ship	CF Balance	HSN Rate (Ku or C Band)	HSN CF	HSN IDC	Total Basic Srvs CF
RV MINNOW	\$(5,000)	\$150	\$750	\$128	\$(4,123)
RV BOUNTY	\$10,000	\$250	\$(1,250)	\$(213)	\$8,538
RV PEQUOD	\$-	\$250	\$-	\$-	\$-
Ship 4	\$-		\$-	\$-	\$-

C. Total Basic Services Carry-Forward \$4,415

<p>Total Carry-Forward</p> <p>Carry-Forward Balance (CF Balance) is calculated by the following formula: (Days Completed previous year - Days Funded previous year)*Previous year Day Rate</p> <p>HiSeasNet Carry Forward (HSN CF) is calculated by the following formula: (Days Funded - Days Completed) *HSN Rate</p> <p>HiSeasNet Indirect Costs (HSN IDC) are calculated by the following formula: HSN CF * Indirect rate (if applicable)</p> <p>Total Basic Services Carry-Forward (Total CF) is the sum of the CF Balance + HSN CF + HSN IDC</p>
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D. Technician Exchange Carry-Forward (CF)

If you exchanged a technician with another institution and the exchange was not covered in your previous proposal or report, then the costs should be included here.

Tech Exchange Description	Total Cost
Johnny Tech to the RV TITANIC	\$18,000
Received Jane July from UCT	\$(13,000)

NOTE: If your institution loaned a tech, the Tech Exchanged CF will be positive. If your institution received a technician, the Tech Exchange CF will be negative

Please Explain the Tech-Exchanges

Johnny Tech went to UVA to work on the RV TITANIC for 35 days.
 UNA used Jane July from UCT for a 25-day cruise on the RV PEQUOD.

D. Total Tech Exchange Carry-Forward \$5,000

E Total Reductions/Additions to NSF Request (A+B+C+D) \$ (568,135)

VI. Final NSF Basic Services Request (IV.C + V.E) \$523,365

NOTE: Final Basic Services Request is calculate by the following formula:
 Total Program Budget (IV.C) + Total Reductions/Additions to NSF Request (V.E)

4.4. Basic Services Budget Justification

Provide a narrative describing proposed expenses. Especially describe any new positions supported under this award that have not previously been supported by this program, any additional technician support required beyond the standard compliment, and/or any fundamental changes to your organization. In addition, please discuss any increase in day rate of greater than 5% from previous year. If technician exchanges occurred, please outline what they entailed.

**Section 5
 SPECIALIZED SUPPORT SERVICES**

5.1 Specialized Support Services Summary (Table 5.1)

Provide a summary of proposed Specialized Services that includes system name, total annual costs, NSF portion of total costs and day rate if applicable.

Table 5.1
Summary of Specialized Services Support

Budget Summary Table ¹	System Name	Total Annual Cost	NSF Request	Proposed Rate (if applicable)		
5.2.1	Scanfish	\$46,589	\$23,295	\$776	per	day
5.2.2	Multichannel Seismic	\$56,519	\$28,295	\$1,884	per	day
5.2.3	Technician Transfer	\$12,125	\$12,125	\$404	per	day
					per	
					per	
Total NSF Request			\$63,715			

¹A separate budget summary table, each numbered separately (eg 5.2.1, 5.2.2, 5.2.3, etc) must be submitted for each separate Specialized Support Service.

5.2 Specialized Support Services 12-month Budget(s) and Justification(s)

Supply a separate budget table for each Specialized Services System requested in Table 5.1. For each system include a narrative description of the instrumentation and services provided. Detail costs of equipment and supplies requested, and describe shipboard and shore-based responsibilities for all individuals for whom salaries are requested. If individuals are included in both basic and specialized services support requests, indicate how effort is to be divided between different responsibilities.

2. Foreign

# Techs	Route	Transport Cost	Per Diem Rate	# Days	Total Cost
2	UNA to Japan, RT	\$2,500	\$75	5	\$5,750
					\$-
					\$-
					\$-
					\$-
Total Foreign					\$5,750
Total Travel Cost					\$5,750

Materials and
B. Supplies

a. General materials & supplies	\$1,000
b. Equipment	\$1,000
c. Calibrations	\$1,000
d. Freight, Shipping Customs & Agency Fees	\$1,000
e. Machine Shop Fees	\$1,000
f. Streamer Winch Repair	\$1,000
g. UNA IT Support	\$1,000
h.	\$-

Total Materials & Supplies \$7,000

II. Total Other Direct Costs (A +B) \$12,750

Total Direct Costs (I+II) \$39,965

III Indirect Costs

Indirect Cost Item	Amount	Rate	Total
Direct Cost (excludellBp)	\$38,965	17%	\$6,624

Please explain Indirect Cost Charge Structure (ie what is included/not included)

III. Total Indirect Costs \$6,624

Total Program Budget (Total Direct Costs + Indirect Costs) \$46,589

Daily Rate for System (if applicable) \$776

Total Request from NSF \$23,295

IV. Project Summary and Budget Explanation

Provide an explanation of what the project entails and the budget requested.

Table 5.2.2

Summary 12 Month Budget of Specialized Services

Multi-Channel Seismics

NSF Projects	Ship	# Operating Days	# of Techs
Dr. Rocks	RV PEQUOD	15	2
PI Last Name, PI Institution			
PI Last Name, PI Institution			
PI Last Name, PI Institution			
Total NSF Days		15	

non-NSF Projects	Ship	# Operating Days	# of Techs
Dr. Jane Geologist	RV BOUNTY	15	2
PI Last Name, PI Institution			
PI Last Name, PI Institution			
PI Last Name, PI Institution			
Total non-NSF Days		15	

Total Usage (NSF + Non-NSF) 30

I. Salaries and Wages

Name	Title	Months Ashore	Months at Sea	Total Months	
Mac Multi	Sr. Tech	1	1	2	
Chanel Channel	Sr. Tech	1	1	2	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				Total Salaries	\$16,000
				Overtime and Sea Pay	\$9,600
				Fringe Benefits	\$4,352

I. Total Salaries, Wages, and Fringe Benefits \$29,952

II Other Direct Costs

- A. Travel
- 1. Domestic

# Techs	Route	Transport Cost	Per Diem Rate	# Days	Total Cost
					\$-
					\$-
					\$-
					\$-
					\$-

Total Domestic \$-

2. Foreign

# Techs	Route	Transport Cost	Per Diem Rate	# Days	Total Cost
2	UNA to Samoa	\$2,500	\$75	5	\$5,750
2	UNA to Saipan	\$2,500	\$75	5	\$5,750
					\$-
					\$-
					\$-
Total Foreign					\$11,500
Total Travel Cost					\$11,500

Materials and
B. Supplies

a. General materials & supplies	\$1,000
b. Equipment	\$1,000
c. Calibrations	\$1,000
d. Freight, Shipping Customs & Agency Fees	\$1,000
e. Machine Shop Fees	\$1,000
f. Streamer Winch Repair	\$1,000
g. UNA IT Support	\$1,000
h.	\$-

Total Materials & Supplies \$7,000

II. Total Other Direct Costs (A +B) \$18,500

Total Direct Costs (I+II) \$48,452

III Indirect Costs

Indirect Cost Item	Amount	Rate	Total
Direct Cost (exclude XX, YY)	\$47,452	17%	\$8,067

Please explain Indirect Cost Charge Structure (ie what is included/not included)

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III. Total Indirect Costs \$8,067

Total Program Budget (Total Direct Costs + Indirect Costs) \$56,519

Daily Rate for System (if applicable) \$1,884

Total Request from NSF \$28,259

IV. Project Summary and Budget Explanation

Provide an explanation of what the project entails and the budget requested.

Table 5.2.3

Summary 12 Month Budget of Specialized Services

Technician Transfer

NSF Projects	Ship	# Operating Days	# of Techs
Dr. Neda Tech	RV Surprise	30	1
PI Last Name, PI Institution			
PI Last Name, PI Institution			
PI Last Name, PI Institution			
Total NSF Days		30	

non-NSF Projects	Ship	# Operating Days	# of Techs
PI Last Name, PI Institution			
PI Last Name, PI Institution			
PI Last Name, PI Institution			
PI Last Name, PI Institution			
Total non-NSF Days		0	

Total Usage (NSF + Non-NSF) 30

I. Salaries and Wages

Name	Title	Months Ashore	Months at Sea	Total Months	
Felix Flexible	Marine Technician	0.1	1	1.1	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				Total Salaires	\$4,000
				Overtime and Sea Pay	\$2,400
				Fringe Benefits	\$1,088

I. Total Salaries, Wages, and Fringe Benefits \$7,488

II Other Direct Costs

A. Travel

1. Domestic

# Techs	Route	Transport Cost	Per Diem Rate	# Days	Total Cost
					\$-
					\$-
					\$-
					\$-

Total Domestic \$-

2. Foreign

# Techs	Route	Transport Cost	Per Diem Rate	# Days	Total Cost
1	UNA to Japan	\$2,500	\$75	5	\$2,875
					\$-
					\$-
					\$-
					\$-
Total Foreign					\$2,875
Total Travel Cost					\$2,875

B. Materials and Supplies

a. General materials & supplies	\$-
b. Equipment	\$-
c. Calibrations	\$-
d. Freight, Shipping Customs & Agency Fees	\$-
e. Machine Shop Fees	\$-
f.	\$-
g.	\$-
h.	\$-

Total Materials & Supplies \$-

II. Total Other Direct Costs (A + B) \$2,875

Total Direct Costs (I+II) \$10,363

III Indirect Costs

Indirect Cost Item	Amount	Rate	Total
Direct Cost (exclude XX, YY)	\$10,363	17%	\$1,762

Please explain Indirect Cost Charge Structure (i.e. what is included/not included)

All direct costs are subject to IDCs

III. Total Indirect Costs \$1,762

Total Program Budget (Total Direct Costs + Indirect Costs) \$12,125

Daily Rate for System (if applicable) \$404

Total Request from NSF \$12,125

IV. Project Summary and Budget Explanation

Provide an explanation of what the project entails and the budget requested.

5.3 Specialized Support Services NSF Carry-Forward (CF) (Table 5.3)

Provide a summary table of each Specialized Support Service that received NSF funding in the previous year and provide a brief narrative discussing the outcome.

Table 5.3

Specialized Support Services NSF Carry-Forward (CF)

Specialized Services	Days Funded	Days Completed	Day Rate (if applicable)	Balance
Multi-Channel Seismics	30	40	\$2,500	\$25,000
Technician Transfer	40	30	\$650	\$(6,500)
				\$-
				\$-
				\$-
				\$-
				\$-
Total Specialized Services CF				\$18,500

Provide a brief narrative describing the service, any substantive changes from the original award and its outcome.

5.4 Total NSF Specialized Services Request

Table 5.4

Total NSF Specialized Services Request

Total NSF Specialized Support Services Request (Table 5.1- Total NSF Request + Table 5.3 Total NSF SSS CF) **\$82,215**

**Section 6
Total NSF Request Summary**

6.1 Total NSF Request Summary

Table 6.1

Total NSF Request Summary

NSF Basic Services Request (Table 4.3 VI)	\$523,365
NSF Specialized Services Request (Table 5.4)	\$82,215
Other	

Total NSF Request **\$605,580**