## Next Workshops

OSP Primer
October 11, 18, 25 and November 1, 2001

Material Transfer and Non-Disclosure Agreements November 29, 2001

www.osp.cornell.edu/Education/

# PRINCIPLES OF SUBCONTRACTING

September 7, 2001

## Volume of Sponsored Programs

#### Fiscal Year 2001 Figures:

#### Proposals:

- Total Dollars Requested: \$893,944,157
- Total Number of Proposals Processed: 2,164
   (e.g., new, renewal, continuation, revised, supplemental)

#### Awards:

- Total Dollars Awarded: \$230,935,016
- Total Number of Award Transactions: 931
   (e.g., new, renewal, continuation, revised, supplemental)

#### **Expenditures:**

Total Sponsored Expenditures: \$396,137,799
 (FY 2000 – including Weil Medical College)



# Purchasing Activities

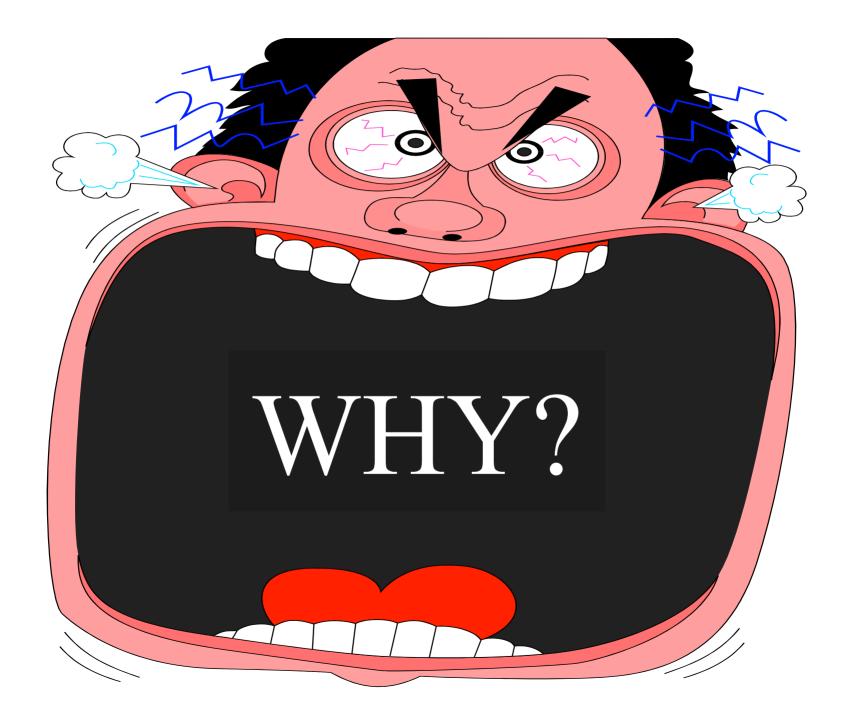
					AS ING INDICA				
				FOR YTD PERIOD ENDING					
					June 30, 2001				
INDICATO	DRS:								
				Y	FY		%		
		19		9/00	2000/2001		INC/(DEC)		
ORDER VO	DLUME								
			Std Orders	Blkt Orders	Std Orders	Blkt Orders	Std Orders	Blkt Orders	
ENDOWED			18,822	1,947	18,305	1,819	-2.75%	-6.57%	
RESEARCH			8,142	250	6,985	241	-14.21%	-3.60%	
RESEARCH (S	TATITODV)		7,368	395	7,627	450	3.52%	13.92%	
FEDERAL & IN			8,412	857	8,368	991	-0.52%	15.64%	
	VCOME		1,004	0	757	0	-24.60%	0.00%	
STATE		m . 1							
		Totals	43,748	3,449	42,042	3,501	-3.90%	1.51%	
TOTAL OR	DERS (Std & B	lkt)		47,197		45,543		-3.50%	
ORDER DO	OLLARS		C+1 O-1	Blkt Orders	Std Orders	Blkt Orders	Std Orders	Blkt Orders	
			\$44,420,404	\$55,120,645			****	-0.08%	
ENDOWED					\$45,619,150	\$55,077,486	2.70%		
RESEARCH			\$15,135,223	\$3,245,724	\$17,535,817	\$2,129,315	15.86%	-34.40%	
RESEARCH (STATUTORY)			\$8,093,577	\$1,483,747	\$9,186,837	\$2,565,649	13.51%	72.92%	
FEDERAL & II	VCOME		\$21,033,096	\$5,811,597	\$23,493,614	\$8,854,012	11.70%	52.35%	
STA TE			\$6,063,464	\$0	\$5,057,039	\$0	-16.60%	0.00%	
		Totals	\$94,745,764	\$65,661,713	\$100,892,457	\$68,626,462	6.49%	4.52%	
TOTAL ORI	DER DOLLAR	S (Std & Blk	-t)	\$160,407,477		\$169,518,919		5.68%	
TOTAL OIL	JEK DOEE/UK	State Bik		\$100,407,477		ψ109,310,717		2.0070	
PAYMENT	TRANSACT	TION VOL	UME						
	SINGLE PU	RCHASEO	RDERS	53,115		50,453		-5.01%	
	BLANKETS		KDLKS	63,962		62,862		-1.72%	
	PROCUREN		,	187,209		258,660		38.17%	
	L-ORDERS	ALINI CARI	,						* 1: 0/20/00
	L-OKDEKS	T 1		1,856		371.075			*disc. 9/30/99
		Totals		306,142		371,975		21.50%	
D A N/A (ES)	TDANSA CO	I DA DO	LADG						
PAYMENT	TRANSACT	TON DOL	LARS						
	SINGLE PU	RCHASEO	RDERS	\$96,567,030		\$92,735,337		-3.97%	
	BLANKETS			\$45,444,896		\$46,395,739		2.09%	
	PROCUREN		)	\$19,642,957		\$27,520,432		40.10%	
	L-ORDERS	L. VI CARC	-	\$193,970		\$27,320,432			*disc 9/30/99
	L-OKDEKS	Totals	_	\$161,848,853		\$166,651,508		2.97%	
	1	1 otals	1	\$101,848,83 <i>3</i>		\$100,031,308		2.97%	

### Subcontracting Activities

- Active Subcontracts: 420
  - Separate Subcontractors: 398
    - » 227 Universities
    - » 36 Corporations
    - » 11 Foreign entities
    - » 124 Other (state and local gov'ts, non-profit)
- Active Consulting Agreements: 84

### Outline

- Why?
- Definitions
- Federal Regulations
- Subcontractor's Proposal
- OSP Portal
- Request to Issue
- Subcontractor Profile
- Subcontract Administration



#### WHY?

- Provide a means for establishing, evaluating and maintaining the efficiency, effectiveness and consistency with which the institution oversees the spending of sponsored funds;
- Provide a means for evaluating the institution's compliance with existing sponsor's regulations;
- Provide reliable current information on institution's systems for source selections and cost and pricing analysis;
- Provide standard agreements for inclusion and accuracy of required flowdowns

#### SUBAWARDS

### Types of Subawards

- Purchase Order
- Consulting Agreement
- Subcontract/Subgrant/Subagreement

#### Presenters

Denise Clark
Director
Office of Sponsored Programs

Vince Patriarco

Director

Office for Purchasing Services

# Purchasing What Do We Do

Our department is responsible for providing the business skills and coordinating the technical skills required to purchase goods, supplies, equipment and services necessary for the continuous operation of the University.

#### Our role is to...

- Obtain best value for your money
- Provide good business practices
- Preview contracts and terms & conditions
- Negotiate with Suppliers
- Review Proper Suppliers

#### PURCHASE ORDER

- Legally binding commitment
- Outside vendor
- Acquisition of goods and services
- Flows through Purchasing Department
- Issued primarily to procure goods and services
- Incorporates certain basic terms and conditions, usually printed on back of form

# Purchasing

- Quotations
- Maintenance Agreements
- Order Forms
- Software License Agreements
- Pricing Agreements
- Service Agreements
- Lease/Rental

# OSP What We Do

- Administer Awards for Sponosred
  - Research
  - Instruction
  - Extension

# OSP What We Do

- Funding opportunities
- Proposal development
- Award Negotiation & Acceptance
- Subcontracts & Consulting Agreements
- Monitor compliance

#### CONSULTANTS

- Services are temporary, special, urgent or highly technical
- Independent contractor without detailed supervision
- "Work-for-hire" basis

## Consulting Agreement Workshop

Scheduled for December 13, 2001 McManus Lounge

Denise Clark, Director, OSP Anne Shapiro, Assistant Controller

### Consulting Agreement Workshop

- Independent contractor status
- Individuals
- Corporations
- Foreign concerns

### SUBCONTRACT/SUBGRANT/ SUBAGREEMENT

- Third party (Independent Contractor)
- Acquisition of services or the conduct of prescribed activities
- "Substantive programmatic work"
- Significant intellectual contribution

#### SUBCONTRACT PURPOSE

- Defines relationship:
  - Clarifies expectations of both parties
    - » Period of performance
    - » Estimated costs
    - » Cost sharing
    - » Scope of work
    - » Reporting requirements
    - » Deliverables
  - Independent Contractor

#### SUBCONTRACT PURPOSE cont'd

- Provides for accountability
  - Evidence of accountability to our prime
  - Evidence of sub accountability to us
  - Mechanism for payment
- Resolves conflicts
  - Preventing disputes by clearly stating terms and conditions both parties must comply with
  - Offers protection for both parties should something unforeseen happen

### FEDERAL REGULATIONS REVIEW

- OMB Circulars
- Federal Acquisition Regulations





### OMB Circular A-110

- Sections 40-48 set forth standards for establishing procedures for procurement actions including:
  - Purchase orders
  - Consulting agreements
  - Subcontracts

# Section 41 – Recipient Responsibilities

We are the responsible authority, without recourse to the Federal agencies regarding the settlement and satisfaction of all contractual and administrative issues.

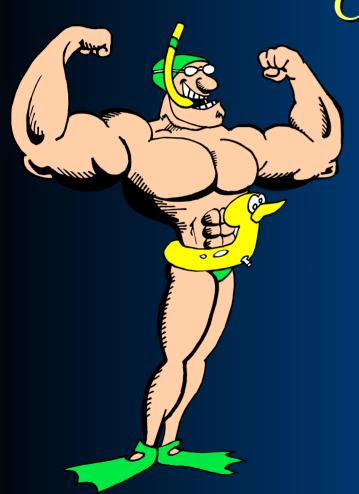
#### Includes:

- Payment
- Disputes
- Claims
- Performance

#### PRIVITY

- No contractual relationship between prime and sub
- Protects prime from direct liability

#### Cool Word



Pedagogue (n. PED-uh-gog)

The word "pedagogue" means teacher, and "pedagogy" is teaching philosophy or style.

## Section 42 - Codes of Conduct

No employee shall participate in the selection, award or administration of a procurement action if a real or apparent conflict of interest would be involved.

# Conflict of Interest

When the individual has the opportunity to influence the University's business, administrative, academic or other decisions in ways that could lead to personal gain or advantage of any kind.

## Legal and Ethical Conduct

http://www.univco.cornell.edu/purchasing/PurManual/103.html

- Related policy-- Standards of Ethical Conduct: http://www.univco.cornell.edu/policy/SOEC.for.htm
- Conduct business keeping with highest moral legal & ethical standards
- Conflict of Interest-- avoid or disclose a conflict of interest is one that a reasonable person would think would compromise the open, competitive process
- Gifts & Entertainment don't become obligated!

# Conflict of Interest

- Monitored by the Form 10
- Purchasing Vendors must disclose on the Vendor Information form

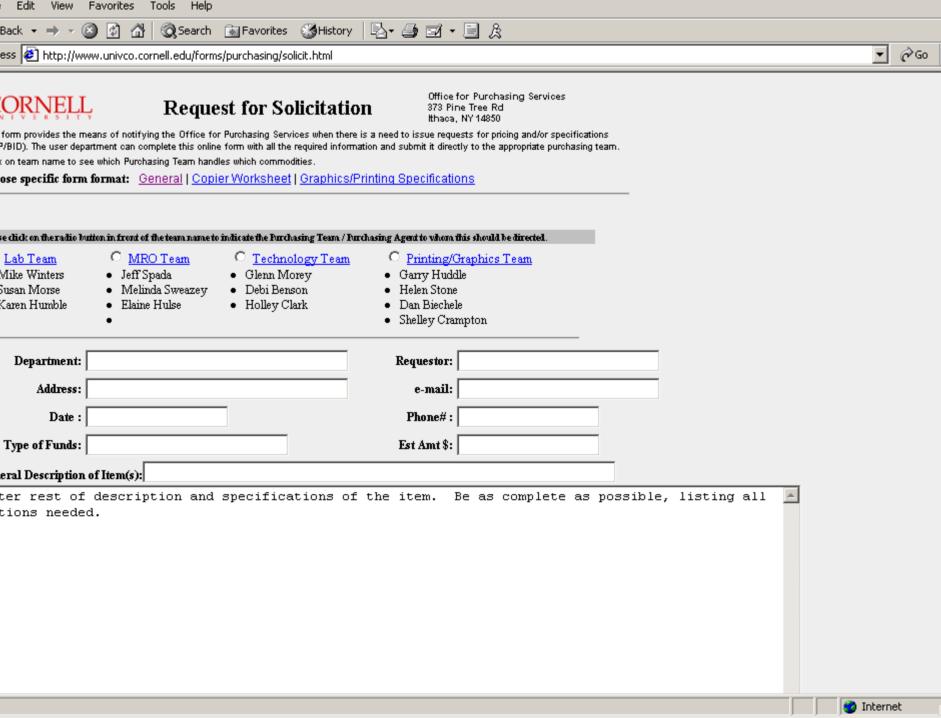
## Section 43 - Competition

All procurement transactions shall be conducted in a manner that provides open and free competition.

# Purchasing Vendor Relations

http://www.univco.cornell.edu/purchasing/PurManual/105.html

- Specifications should be clear
- Competition must be open and fair
- Solicit quotes only from those vendors that you intend to do business with
- Ensure all bidders have the same conditions to submit bids
- Discourage revision of bids
- Never divulge a vendors price to a competitor



# Section 44 — Procurement Procedures

- Positive efforts shall be made to utilize:
  - Small businesses
  - Small disadvantaged businesses (minority owned)
  - Women-owned businesses

# Section 44 — Procurement Procedures

- Governing Law 95-507 clause 52.219-8
- Subcontracting plans under federal contracts are required by section 8(A) of the Small Business Act (is usc 637(d).
- Failure to comply may render the institution ineligible for future awards and/or the institution may be liable for liquidated damages.

# Small, Small Disadvantaged, Women-owned, Veteran-owned and Hub Zone Businesses

See attached handout





## Procurement Marketing and Access *Network*U.S. Small Business Administration

Mailing Lists: Press Releases, Newsletters, Publications, etc.

Privacy

SBA Home Page

Disclaimer

Text Only

Netscape Users - <u>Use 4.06 or Greater</u>. Also see Netscape 6.0 Viewing Alert!

\*Last Modified: 8-30-01

N F

∂Go

- The SBA created a database to track these certified companies.
- PRO-Net is designed to allow the contractor to look for SDB's and other classifications.

## Subcontractor Selection

- When contracting under a federal prime contract award (not grant) documentation on selection must indicate the following:
  - Whether small business concerns were solicited and if not, why not;
  - Whether veteran-owned small business concerns were solicited and, if not, why not;
  - Whether HUBZone small business concerns were solicited and, if not, why not;
  - Whether small disadvantaged business concerns were solicited and, if not, why not;
  - Whether women-owned small business concerns were solicited and, if not, why not;
  - If applicable, the reason award was not made to a small business concern.

# Section 44 — Procurement Procedures

- Type of procuring instrument used shall be determined and shall be appropriate for the particular action:
  - Cost reimbursable subcontract
  - Fixed price subcontract
  - Consulting agreement
  - Purchase order

### COST-REIMBURSEMENT CONTRACTS

- Procurement of non-commercial items which cannot be based on reasonably definite functional or detailed specifications (i.e., R&D).
- There is no incentive for contractor to control costs, thus government imposes tighter controls.

### COST-REIMBURSEMENT CONTRACTS

- Prime Contractor
  - Tighter rebudgeting controls
  - More frequent financial reports
  - Closer scrutiny
- Subcontractor
  - Best efforts basis
  - Run out of funds, stop working

## FIXED PRICE CONTRACTS

- Procurement of supplies or services on the basis of reasonably definite functional or detailed specifications.
- When cost can be estimated with reasonable accuracy.
- Imposes on contractor maximum incentive to control costs, but with minimum administrative burden.
- Preferred method of contracting by gov't.

### FIXED PRICE CONTRACTS

#### Prime Contractor

- Payments tied to deliverables (full payment upon receipt of final report)
- If Subcontractor runs out of funds, too bad

#### Subcontractor

- Freedom to rebudget
- Limited financial reporting
- Keep it if you don't spend it

### Cool Word

Neologism (n. nee-ALL-uh-jiz-um)

If you've ever invented a new word, you've created a neologism and you are a neologist. A neologism is a new word, expression, or usage.



# Section 45 – Cost and Price Analysis

Some form of cost or price analysis shall be made and documented in the files

### COST AND PRICING ANALYSIS

Technique used to determine whether a subcontractor's proposed budget is fair and reasonable

- Price Analysis Looking at the total cost without examining each line item.
  - » Principal investigator input
    - Scope of work
    - Level of effort, travel, etc.

## COST AND PRICING ANALYSIS cont'd

- Cost Analysis Line item by line item examination of the budget
  - » Adds across and down
  - » Each line item is:
    - Reasonable
    - Allowable
    - Allocable
    - Necessary



# WHAT IS REASONABLE AND APPROPRIATE?



#### Salary and Wages

#### PI

- title
- years of experience
- level of effort or days/hours/man months or % of time
  - » is the level of effort appropriate for task?
  - » comparison in the field
- annual and escalation %
- certification of salary (by OSP office or department personnel)

#### Administration/Clerical

- allowed by prime
- justification for direct charges

#### GRA's

- what are components
- check the role as listed in statement of work
- verification from OSP counterpart
- Board of Trustees (or equivalent announcement)

#### **Employee Benefits**

- verification from OSP counterpart (history/experience)
- web sites

#### <u>Travel</u>

- the purpose and number of persons traveling are necessary to meet SOW
  - how many trips

- per diem

destination

- ground transportation

airfare

Based on: experience, travel office, gov't./state/inst. guidelines

#### **Equipment**

- all items have been itemized and justified for necessity to meet program objectives
- verification from institution that equipment does not already exist
- verification as to vendor quote or experience quote
- nontechnical equipment (office, general purpose) allowed by prime?

#### **Materials**

- list of major individual items
- office supplies allowed by Prime and justified

#### Based on:

- history
- vendor quotes

#### **Communications**

- identify individual items
- compare to statement of work
  - direct vs. indirect

#### Based on:

- history
- quotes

#### **Publications**

- number of pages
- page charges

#### Based on:

- history
- journal quotes

#### **Subcontract**

cost analysis responsibility of subcontractor

#### **Consultants**

- number of days
- \$ per day
- limitation by Prime

#### Based on:

- history
- consultant quote

#### Facility & Administration Cost

- negotiated rate agreement
- hard copy or web site
- is escalation necessary (are out years required)
- are escalation factors reasonable?

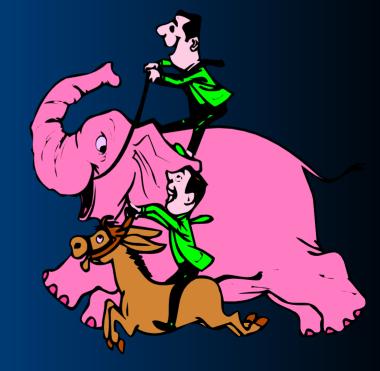
#### Fixed Fee

reasonable

## COOL WORD

### Charlatan (n. SHAR-luh-tun)

A charlatan is a person who makes inflated claims about his or her skills or qualifications; a quack, imposter, phony, or fraud.



# Section 46 – Procurement Records

- Shall include:
  - Basis for selection
  - Justification for lack of competition when bids not obtained (sole source)
  - Basis for award cost or price

### SUBCONTRACTOR SELECTION

- Collaborative Efforts
  - Subcontractor specified in proposal
  - Eliminates competitive and sole source procedures
  - Sponsor/peer review process approves selection
  - Eliminates the need for agency prior approval (in most cases)

### SUBCONTRACTOR SELECTION

- Competitive Bid
  - Normal method of contracting
  - Free and open competition
  - Eliminates unfair advantage

## SUBCONTRACTOR SELECTION

- Sole Source Selection
  - Why

# Purchasing Single/Sole Source Justification

http://www.univco.cornell.edu/purchasing/PurManual/111.html

#### Single Source

One source in a competitive marketplace with predominant qualifications

#### Sole Source

One & only source regardless of marketplace

#### How do you let us know?

- Use Form 111-A Justification Content (front of form)
- Why competition is restricted
- Information provided by department
- Reasonableness of the Price (back of form)
- Determine that non-competitive price is fair
- Provided by department; confirmed by agent



#### **PURCHASING**



document is available to view in Adobe Acrobat format. You will need the Adobe Acrobat reader.

Publications and Information Group has created a page with full direction and pointers to obtain this software.

ou already have Acrobat installed, please read this version of the document:

Form 111A, Single Source/Sole Source Justification Form

hasing Home Page | Staff | Commodity/Team Info | Feedback | sion of Financial Affairs's Home Page | CU Info |

modified: 7/3/2001 dmb

# Section 47 — Contract Administration

 Shall be maintained to ensure conformance with the terms and conditions

# Section 48 – Contract Provisions

- Incorporate articles that define a sound and complete agreement
  - Administrative
  - Contractual
  - Remedies for breach
  - Termination
  - Audit
  - National policy

# SUBCONTRACT SECTIONS

- Preamble
- Schedule
- Exhibits

# FLOWDOWNS?



### **FLOWDOWNS**

- Generally five different types of clauses:
  - Government clauses that must be incorporated in subs exactly as written
  - Clauses that must have their substance incorporated
  - Clauses which are silent regarding how they are to be incorporated but are automatically applicable to subs due to the operation of law
  - Clauses that are not mandatory but are necessary because they impose obligations that we cannot fulfill effectively unless similar provisions are incorporated in the sub
  - Clauses that we choose to flow down based on the circumstances of the sub agreement

## SUBCONTRACTOR'S PROPOSAL

- Adequate time to review and incorporate
- Proper data to support proposal
- Components
  - Statement of work
  - Budget
  - Rate Agreements
  - Compliance Issues
  - Signature of Authorized Official

# Subcontractor's Proposal

- F&A calculated on the first \$25,000 of each subcontract
- Calculated at the off-campus rate
- For the life of the non-competitive cycle

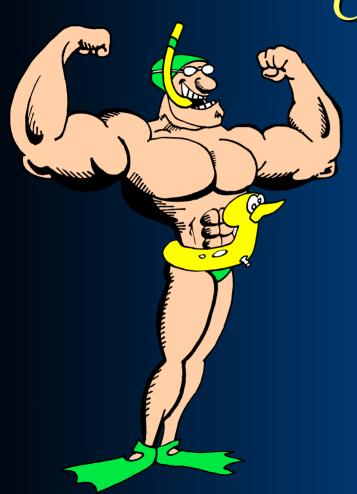
# Subcontractor's Proposal

- Competing Cycle
  - New award #
  - New OSP #
  - When in doubt ASK

## Award Phase

- How does a subcontract get issued?
- What takes so long?
- Who should I contact?

## Cool Word



Pedagogue (n. PED-uh-gog)

The word "pedagogue" means teacher, and "pedagogy" is teaching philosophy or style.

## How to Get to Portal

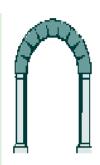
- Portal URL
  - http://osp.cit.cornell.edu/portal/default.htm
- Data Access Request Form
  - http://www.osp.cornell.edu/Forms/Portal/
- OSP Portal Feedback
  - osp-feedback-L@cornell.edu

#### The Portal System

<u>Data Access Request Form</u>
<u>General Query</u>
<u>General Instructions</u>
<u>Portal Overview</u>
<u>Ask a Question</u>
<u>Version Information</u>

#### **Related Resources**

Office of Sponsored Programs
Sponsored Funds Accounting
Other Campus Warehouses



#### 7

#### Welcome to the Sponsored Projects Portal

#### 2/15/2001 - Online Request to Issue a Subcontract Form

With the rollout of SPS Portal v.3.0, new subrecipient management features are the **Request to Issue a Subcontract**, which allows you to submit subcodirectly to your GCO. To use it: go to a project, click the *Subrecipients* button at the optionally select a subcontractor name if it's already in the system, then click the Issue a Subcontract" button.

Click the green *General Query* tab above to begin. Please send comments and queosp who feedback@cornell.edu.

**Note** - You must have <u>SideCar</u> running to access this system.



# Request to Issue a Subcontract

#### Request to Issue a Subcontract

This form is completed by the Principal Investigator when subcontracting work to another organization under a sponsored program. Subcontract should be written in accordance with prime agreement terms and conditions. Upon submission, this form will be sent to the Office of Sponsored Programs for review and generation of the contract document. Contact SPS Portal Feedback at osp whs feedback@cornell.edu for assistance with this form.

Award Identification								
OSP ID	37169 A001		GCO NAIR, P SEGRAN					
Sponsor	ONR	N00014-00-C-0091	Award Type	COST				
Issuance		v Subcontract endment						
Cornell Principal Investigator Information								
PI Name	S	HEALY, JAMES R		Department Name	E&CE			
		Su	bcontract Con	tact Information				
Organization Name Division or unit								
Investigator's Name				Department				
Address								
City				State/Province				
Postal Code				Country				
Phone			1	Comments about subconf	ractor			

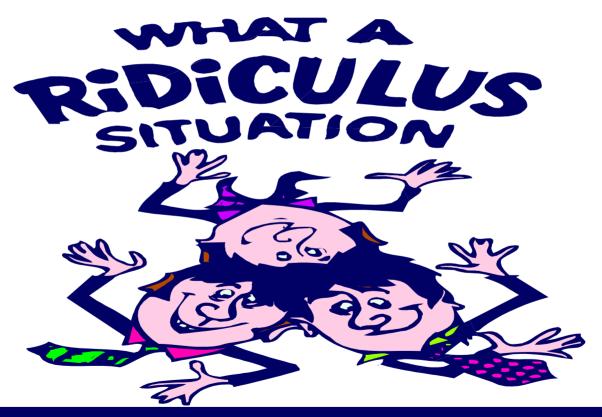
## TRIVIA

Who are the top five solo artists of all time?

- Garth Brooks (81 million albums)
- Elton John (60.6 million)
- Billy Joel (60 million)
- Barbara Streisand (57.3 million)
- Elvis Presley (50.1 million)



# WHY PRE QUALIFY?



Establishment of Subcontractor Profile

# Establishment of Subcontractor Profile

- Why Pre Qualify
  - Subcontractor source
  - FDP
  - Subcontractor Classification
  - Financial management system
    - » identify source and application of funds
    - » accountability for property
  - Formal personnel policy
    - » Salary rates and benefits
    - » Time and attendance
  - Formal travel policy
  - Formal purchasing procedure
  - Comply with CASB
  - Annual financial audit
  - Legitimate business



Portal Front Page New Search Matches Record Help

Category	Search For	QuickMatch	
OSP Number:		[]	Search
Title:		[]	
Sponsor ID:		[]	Reset
Sponsor Name:		[]	
Investigator:		[]	
	© Primary (PI) Only Co-PI or PI		
Account Number		[]	
GCO:	<all> ▼</all>		
Administrative Unit:	<all></all>	▼	
Display Opt	ions		
Proposal/Award (	Categories: All Active Awards and Proposals		
	Subrecipients Search	,	
	Query Previous Subcontract Requests		
	Subcontractor Profiles		
	Other Searches		

- Payments without fully executed prime
  - Extremely rare circumstance
  - Approval by Director of OSP
- Advanced payments
  - Rare circumstances
  - Dependent upon the prime
  - Case by case situation

- Pre-award costs
  - Automatic 90 days under A-110, if federally funded (expanded authorities)
  - Need prior approval otherwise
  - If prime doesn't allow, subcontract can't allow

- Prior approvals
  - Change in Sub PI or scope of work
  - Rebudgeting
  - No cost extension
    - » Estimated unobligated balance
    - » New end date
    - » Reason for NCE

- Modifications or amendments
  - Administrative reasons
  - Incorporate prior approvals
  - Incrementally fund

- Monitoring invoices
  - Appropriate certification
  - Cost sharing commitments met
  - Technical compliances (are deliverables on schedule)
  - Inventory compliance
  - Invention compliance

·								
		XYZ UNIVEF						
		INVOICE	DETA	I L				
August 22,2001								
Account / Receivable Number			lovoice	Number:				
Account / Receivable Number			Invoice Number:					
Cornell University			Project Period		From:		Jan 01, 200	
					То:		Dec 31, 200	
OSP #12345-6789					_			24 000
Stella Gabortz			Invoice	Period	From:		Jan 01, 200 Jan 31, 200	
Stella Gabortz		$\sim$		$\sim$	10:		Ja	n 31, 200
Category	Budget	Current		Cumulative		Current		Cum ulativ
Category	Duagot	Expenses		Expenses	Cos	st Sharing		st Sharir
Salaries and Wages	0.00	0.00	1	0.00	321	0.00		701 2.1.2
Fringe Benefits	0.00	0.00	1	0.00	1	0.00	1	1
Shipping &Communications	0.00	0.00		0.00		0.00	1	
Domestic Travel	0.00	0.00		0.00	1	0.00	1	
Foreign Travel	0.00	0.00		0.00		0.00		
Fees	0.00	0.00		0.00		0.00		
Rentals	0.00	0.00		0.00		0.00		
Repairs	0.00	0.00		0.00		0.00		
Services	0.00	0.00		0.00		0.00		
Materials and Supplies	0.00	0.00		0.00		0.00		
Conferences and Seminars	0.00	0.00		0.00		0.00	$\perp$	
Consulting	0.00	0.00		0.00	-	0.00		
Employment Expense	0.00	0.00		0.00	-	0.00	—Ц	
Publications	0.00	0.00		0.00	$\perp$	0.00	—Ц	
Student Aid	0.00	0.00		0.00		0.00		
Other	0.00	0.00	-	0.00	$-\mathbf{H}$	0.00	—Н	
Total Indirect Cost Base	0.00	0.00		0.00	Ш	0.00	Ш	
GRA Sa la rie s	0.00	0.00		0.00	$\Box$	0.00	Щ.	0.0
Sabatic Leave Salary	0.00	0.00	$\sqcup \sqcup$	0.00	$oldsymbol{\sqcup}oldsymbol{\sqcup}$	0.00	Щ.	0.0
Premium Time	0.00	0.00	$\sqcup \sqcup$	0.00	$\sqcup \sqcup$	0.00	Щ	0.0
Capital Equipment	0.00	0.00	$\vdash$	0.00	$oxed{oxed}$	0.00	$-\!$	0.0
Fabrication in Process	0.00	0.00		0.00	$oxed{oxed}$	0.00	$-\!$	0.0
Services - Central Computing	0.00	0.00	$\vdash$	0.00	$\vdash \vdash \vdash \vdash$	0.00	$-\!$	0.0
Services - Machine Time	0.00	0.00	-	0.00	$\vdash$	0.00	$-\!$	0.0
Subcontracts Lease Purchases	0.00	0.00	$\vdash$	0.00	$\vdash$	0.00	-	0.0
Tuition Lease Purchases	0.00	0.00	$\vdash$	0.00	$\vdash$	0.00	+	0.0
Total Exclusions	0.00	0.00	H	0.00		0.00	T	0.0
Total Direct Costs	0.00	0.00		0.00		0.00		0.0
Indirect Costs	0.00	0.00		0.00		0.00		0.0
Total Costs	0.00	0.00	/	0.00		0.00		0.0

Certification: I hereby certify that the costs for which reimbursement is requested and any corresponding cost sharing are the actual costs as recorded in XYZ Universities records and as expended for the work actually performed in accordance with the terms of the agreement.

Signature:

- Close-out procedures
  - Certification from Subcontractor
  - Deliverables completed
    - » Final deliverables approved by PI
    - » Final inventory and invention received by OSP
    - » A133 certifications
    - » Final invoice received and paid

# Conclusion



# Don't forget to fill out the evaluations!



Thanks y'all!

## Contact Us!

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# Next Workshops

OSP Primer
October 11, 18, 25 and November 1, 2001

Material Transfer and Non-Disclosure Agreements November 29, 2001

www.osp.cornell.edu/Education/