Audit of Raytheon Polar Services Company's Noncompliance with Cost Accounting Standard 418 -Allocation of Direct and Indirect Costs For Fiscal Years 2000 to 2002

> March 21, 2006 OIG-06-1-001



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ACRONYMS

ASBCA	1	Armed Services Board of Contract Appeals
CAS	Cost	Accounting Standards
CASB		Cost Accounting Standards Board
CFAO		Cognizant Federal Agency Official
CFR	Code	Federal Regulations
DCAA	Defense	Contract Audit Agency
DCMA		Defense Contract Management Agency
FAR	Federal	Acquisition Regulation
FY	Fiscal	Year
ODC	Other	Direct Costs
OFPP		Office of Federal Procurement Policy
OMB		Office of Management and Budget
OPP		Office of Polar Programs
RTSC		Raytheon Technical Services Company
RPSC		Raytheon Polar Services Company
USAP	United	States Antarctic Program
WBS	Work	Breakdown Structure

INTRODUCTION

The attached Defense Contract Au dit Agency (DCAA) Audit Report dated June 23, 2005 details the results of DCAA's audit of Raytheon Polar Services Company's (RPSC) compliance with the requirements of Cost Accounting Standard (CAS) 418-Allocation of Direct and Indirect Costs, in relation to costs claimed for payment by RPSC under NSF Contract No. OPP-0000373 from January 1, 2000 through December 31, 2002. The contract consists of a five-year base period and five option periods for a total of ten years and is valued at \$1.1 billion. The charges claim ed against the contract average

The United States Antarctic Program (USAP) has, since 1971 when NSF assumed full responsibility for USAP, provided a permanent presence and overseen U.S. scientific interests in Antarctica. Today, NSF's Of fice of Polar Program's (OPP) administers the USAP and oversees the operations perform ed under the USAP contract. The principal goals of the USAP are to (1) understand the Antarctic region and its ecosystem s, (2) understand the effects of the region on global processes such as climate, as well as responses to those effects, and (3) use the region as a platform to study the upper atmosphere and space.

RPSC, located in Centennial, Colorado, is a part of the Raytheon Technical Services Company (RTSC) headquartered in Reston, Virginia. RPSC is under contract to the National Science Foundation to provide science, operations, and maintenance support to sustain year-round research programs.

AUDIT OBJECTIVES

The purpose of DCAA's audit was to eval uate whether RPSC com plied with the Cost Accounting Standard Board's (CASB) rules, regulations, and standards, and any applicable F ederal Acquisition Regulations (FAR) Part 31 requirements. Specifically, DCAA's audit objectives were to determine whether 1) RPSC complied with the requirements set forth in CAS 418- Allocation of Direct and Indirect Costs and 2) RPSC's written CASB Disclosure Statement of accounting policies and practices, for classifying costs as direct or indirect, was consistently applied in a ccordance with the CASB rules and regulations stated in 48 CFR Chapter 99, the FAR, and the terms of the contract between NSF and Raytheon.

The DCAA audit was conducted in accordan ce with the Com ptroller General's *Government Audit Standards* and included such tests of accounting records and other audit procedures necessary to fully address the audit objectives.

BACKGROUND

The CAS 418-Allocation of Direct and Indirect Costs, was issued by the CASB. The original CASB was established in 1970 as an agency of Congress in accordance with a provision of Public Law 91379. It was authorized to (1) promulgate cost accounting standards designed to achieve uniform it y and consistency in the cost accounting principles followed by defense contractors and subcontractors under Federal contracts in excess of \$100,000 and (2) establish regulations to require government contractors and subcontractors, as a condition of contracting, to disclose in writing its cost accounting practices, to follow the disclosed practices consistently and to comply with duly promulgated cost accounting standards.

Specifically, CAS 418-Allocation of Direct and Indirect Costs provides that:

- (1) a business unit shall have a writt en statement of accounting policies and practices for classifying costs as direct or indirect which shall be consistently applied;
- (2) indirect costs shall be accumulated in indirect cost po ols which are homogeneous; and
- (3) pooled costs shall be allocated to cost objectives in reasonable proportion to the beneficial or causal relationships of the pooled costs to cost objectives.

The responsibility for ensuring C AS 418 compliance and resolving all non-compliance issues rests with the C ognizant Federal Agency Official (CFAO). W ith respect to RPSC, the CFAO is the Def ense Contract Managem ent Agency's (DCMA) Divisional Administrative Contracting Officer for RTSC. The DCMA CFAO resolves any non-compliance issues by reviewing RPSC's efforts to bring RPSC into compliance with the CAS 418 requirements and making a final determination of compliance or non-compliance. If RPSC f ails to comply w ith a CAS or to f ollow any cost accounting practice consistently, then according to FAR 52.230-2(a)(5), RPSC is required to agree to an adjustment of the contract price plus interest when f ailure to comply with CAS 418 results in any increased costs paid by the United States.¹

The determination of non-compliance will also trigger the requirement for the Contractor to submit a general dollar magnitude cost impact proposal within 60 days of

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¹ FAR 52.230-2(a)(5) states that the contractor shall "Agree to an adjustment of the contract price or cost allowance, as appropriate, if the Contractor or a subcontractor fails to comply with an applicable Cost Accounting Standard or to follow any cost accounting practice consistently and such failure results in any increased costs paid by the United States. Such adjustment shall provide for recovery of the increased costs to the United States together with interest."

notification by the CFAO in accordance with FAR 52.230- 6. ² When this proposal is received, it will be aud ited. The cost impact is subject to negotiation and, if agreem ent cannot be reached, the CFAO can serve the Contractor with a notice of intent to disallow costs. Final resolution, if RPSC and DC MA/NSF do not r each agreement, is de cided before the Armed Services Board of Contract Appeals (ASBCA).

AUDIT RESULTS

DCAA's audit found that RPSC did not comply with CAS 418 and did not consistently classify costs charged to NSF under the USAP contract as stated in its CASB Disclosure Statement. Specifically, RPSC did not follow its disclosed definitions for billing indirect costs in the claim submitted to NSF for payment. Instead, RPSC classified indirect costs as direct costs of contract performance and incorrectly claim ed them for payment. As a result, RPSC incorrectly claim ed on the NSF USAP contract for the period January 1, 2000 through December 31, 2002.

The US Governm ent requires, under the r ules of the Off ice of Federal Procurement Policy's (OFPP) ⁴ Cost Accounting Standards Bo ard, that a contractor of RPSC's size disclose detailed definitions of its Overhead and General and Administrative costs to the government in its Cost Accounting Standard Board Disclosure Statement. Upon approval of the disclosed definitions by RPSC's cognizant federal agency, DCMA, RPSC agrees to only bill the government for costs according to the definitions in its CASB Disclosure Statement. The requirement that RPSC comply with CAS is incorporated into RPSC's NSF contract by FAR 52.230-2 (CAS Clause) and FAR 52.230-6 (CAS Administration Clause).

However, in the cos t claim s RPSC submitted to NSF, it did not f ollow its disclosed definitions for billing indirect costs. Instead, RPSC classified indirect costs as direct costs of contract perform ance and incorrectly claimed them to NSF f or payment. In particular, RPSC stated in its

but nevertheless classified over

but nevertheless classified over
of such costs as direct costs. These misclassified indirect costs included
for facilities costs, such as the lease costs for RPSC 's building in Centennial,
Colorado, for financial m anagement department costs, and for

The DCAA auditors found that these common business

. The DCAA auditors found that these common busi ness infrastructure costs clearly benefit and support the overall operations of RPSC and enable

² FAR 52.230-6 states that the contractor shall "Submit to the Contracting Officer a description of any cost accounting practice change, the total potential impact of the change on contracts containing the CAS clause, and a general dollar magnitude of the change which identifies the potential shift of costs between CAS-covered contracts by contract type (i.e., firm-fixed-price, incentive, cost-plus-fixed-fee, etc.) and other contractor business activity ...within 60 days of the date the Contractor is notified by the Contracting Officer of the determination of noncompliance."

³ Previously reported in OIG Audit Report No. OIG-5-1-005 dated 31 March 2005.

⁴ OFPP coordinates efforts to improve Federal procurement law, policies, and practices, which affect all Federal and federally-assisted purchases of goods, property, and services.

it to carry out its multip le d irect m ission activities (e.g.; ship o perations, s upply operations, construction projects) for the USAP program.

Similarly, the DCAA auditors identified	of	
costs that were cla	ssified a nd charged	d as a direct General
Management W ork Breakdown Structure (W 1	BS) costs, contrary	to RPSC's CASB
Disclosure Statem ent. According to RPSC 's C	CASB Disclosure S	tatement definition,
indirect costs include		
		. However, RPSC
incorrectly classified and ch arged to NSF these		and

By not clas sifying costs in acco rdance with the definitions stated in RPSC's CASB Disclosure Statement, DCAA estimates that RPSC charged NSF questionable contract costs. ⁵ These are costs that should have been classified as Overhead or General and Administrative costs and therefore recovered through RPSC's indirect cost rate, subject to indirect cost ceilings, rather than charged as direct costs.

Also, by not complying with its CASB Disclosure Statem ent, RPSC is in violation of CAS 418 and FAR 52.230-2, which re quire RPSC to consistently classify costs charged to NSF under the USAP contra ct as stated in its CASB Disclosure Statement. By not billing NSF in accordan ce with CAS and the FAR, RPSC is now subject to receive a final determination of CAS non-compliance from the DCMA CFAO. In that instance, RPSC will also be subject to FAR 52.230-2(a)(5), which requires RPSC to reim burse NSF f or all in creased costs pa id as a resu It of the CASB Disclo sure Statement non-compliance, plus interest and F AR 52.230-6, which requires, RPS C to submit a cost impact proposal. The DCMA CFAO will resolve the non-compliance issue by reviewing RPSC's efforts to bring itself into compliance with the CAS 418 requirements. A final determ ination of non-compliance with RPSC's CASB Disclosure Statement will require that RPSC r eturn to NSF the of questionab le contract costs plus interest.⁶

In its response to the draft of this report, RPSC indicated that it did not agree with the questioned costs. R PSC contends that these costs were claimed in accordance with instructions received from NSF official s, but RPSC was unable to provide any documentary support for this contention. Further, the DCAA auditors contacted the NSF Contracting Officer, who stated that no such instructions were provided to RPSC by NSF authorizing any deviation from RPSC's standard accounting practices as stated in its CASB Disclosure Statement.

⁶ DCMA CFAO issued an Initial Noncompliance Letter to RTSC, dated September 28, 2005.

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⁵ First identified in NSF-OIG Audit Report No. OIG-5-1-005, dated March 31, 2005.

We recomm end that NSF's Di rector of the Division of Acquis ition and Cooperative Support:

Recommendation No. 1 - Coordinate with the DCMA CFAO in pursuing a final determination of CAS non-compliance by RPSC and obtaining a cost impact proposal from RPSC for the period of non-compliance in accordance with FAR 52.230-6.

NSF's Response - Agree with the recomm endation in part and disagree with the recommendation in part. This off ice will coord inate any planned activ ities with the DCMA CFAO prior to initia ting negotiations with RPS C on this and related audit matters; however, RPSC's compliance or non-compliance with CAS 418 has not been settled yet. Accordingly, it is premature to assume that a cost impact proposal will be required. DCCA anticipates accomplishing its initial coordinating activities with the DCMA CFAO in early-January 2006, and in any event not later than January 31, 2006.

<u>OIG Comments</u> – NSF's comments are responsive to the recommendation.

Recommendation No. 2 - Coordinate with the DC MA CFAO in recovering all increased costs plus interest paid by NSF as a result of the non-compliance in accordance with FAR 52.230-2(a)(5), which should include resolving the incorrectly claimed costs identified in OIG Report No. 05-1-005, Audit of Raytheon Polar Services Company's Costs Claimed for Fiscal Years 2000 to 2002, dated March 31, 2005.

NSF's Response - Agree with the recomm endation in part and disagree with the recommendation in part. This office will coordinate all planned resolution activities with the DCMA CFAO prior to in itiating negotiations with RPSC on this and related audit matters; however, RPSC's compliance or non-compliance with CAS 418 has not been settled. Accordingly any statement that RPSC has not complied with CAS 418 is premature. DCCA anticipates accomplishing its initial coordinating activities with the DCMA CFAO in early-January 2006, and in any event not later than January 31, 2006. DCCA anticipates that resolution discussions will be fluid and complex, making establishment of a firm schedule for coordination activities impractical; however, coordination with the DCMA CFAO will be accomplished, as circum stances require. We are hopeful that any resolution can be accomplished prior to March 31, 2006, but will not be bound by that date if more time is needed to negotiate a fair and equitable settlement of the audit issues

<u>OIG Comments</u> – NSF's comments are responsive to the recommendation.

Recommendation No. 3 - Coordinate with the DCMA CFAO to ensure that RPSC establishes adequate policies and procedures including a monitoring program to comply with the requirements of CAS 418-Allocation of Direct and Indirect Costs and RPSC's CASB Disclosure Statement. The policies and procedures should institute additional control procedures and an internal monitoring program to ensure that costs are consistently applied and/or allocated as either direct or indirect in accordance with RPSC's disclosed cost accounting practices and the requirements of CAS 418.

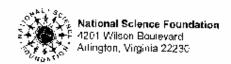
<u>NSF's Response</u> – Agree with the recomm endation, and we will incorporate it into our negotiating plan for the upcoming discussions with RPSC.

OIG Comments – NSF's comments are responsive to the recommendation.

<u>Recommendation No. 4</u> - W ithhold paym ent for any direct costs that are incorrectly claimed by RPSC, if RPSC continues its current billing practices.

NSF's Response –We agree with the essence of the recommendation. Beginning with the FY 2005 Program Plan, NSF has taken interm ediate action to exclude proposed indirect cost recoveries in ex cess of the rate caps incorporated in Contract No. PRSS-0000373 from approved pl an. Final action on indirect cost recoveries will be tak en in conjunction with resolution of the pending audits following the completion of negotiations with RPSC.

OIG Comments – Although NSF's response addresses proactive steps taken to prevent RP SC billing NSF for indirect costs in excess of the contract limited indirect rate ceilings, our recommendation also addresses indirect costs that RPSC incorrectly classifies as direct costs. Therefore, the response from NSF does not alter our recommendations that NSF withhold payments for any indirect costs that are incorrectly claimed by RPSC as direct costs.



FEB - 9 2006

National Science Foundation Office of the Inspector General 4201 Wilson Boulevard, Room 1135 Artington, VA, 22230 ATTN, Mr. Kenneth Stagner, Auditor

Dear Mr. Stagner.

Thank you for the opportunity to provide comment on the discussion drafts of NSF OIG Audit Report No. OIG-05-1-009 and NSF OIG Audit Report No. OIG-05-2-010. Our comments on both draft reports are attached to this letter

This office thanks you for your support of NSF acquisition programs. Inquiries regarding our comments may be addressed to the undersigned at 703/292-4593, or by e-mail to bbridwel@nsf.gov.

Sincerely

Contracting Officer

Contracting Officer
Division of Contracts and Complex Agreements

cc: Chron PRSS-0000373 File (Index 248.AA)

Comments – Draft Report OIG-05-1-009

Recommendation 1 – Agree with the recommendation in part and disagree with the recommendation in part. This office will coordinate any planned activities with the DCMA CFAO prior to initiating negotiations with RPSC on this and related audit matters; however, RPSC's compliance or non-compliance with CAS 418 has been not yet been settled. Accordingly, it is premature to assume that a cost impact proposal will be required. DCCA anticipates accomplishing its initial coordinating activities with the DCMA CFAO in early-January 2006, and in any event not later than January 31, 2006.

Recommendation 2 – Agree with the recommendation in part and disagree with the recommendation in part. This office will coordinate all planned resolution activities with the DCMA CFAO prior to initiating negotiations with RPSC on this and related audit matters; however, RPSC's compliance or non-compliance with CAS 418 has been not yet been settled. Accordingly any statement that RPSC has not complied with CAS 418 is premature. DCCA anticipates accomplishing its initial coordinating activities with the DCMA CFAO in early-January 2006, and in any event not later than January 31, 2006. DCCA anticipates that resolution discussions will be fluid and complex, making establishment of a firm schedule for coordination activities impractical; however, coordination with the DCMA CFAO will be accomplished, as circumstances require. We are hopeful that any resolution can be accomplished prior to March 31, 2006, but will not be bound by that date if more time is needed to negotiate a fair and equitable settlement of the audit issues.

<u>Recommendation 3</u> – Agree with the recommendation, and we will incorporate it into our negotiating plan for the upcoming discussions with RPSC. We anticipate completing development of our negotiating plan not later than February 28, 2006.

Recommendation 4 – We agree with the essence of the recommendation. Beginning with the FY 2005 Program Plan, NSF has taken intermediate action to exclude proposed indirect cost recoveries in excess of the rate caps incorporated in Contract No. PRSS-0000373 from approved plan. Final action on indirect cost recoveries will be taken in conjunction with resolution of the pending audits following the completion of negotiations with RPSC.

Defense Contract Audit Agency Audit Report

Audit Report No.6161–2005T19200001-Cost Accounting Standard 418-Allocation of Direct and Indirect Costs
Dated June 23, 2005

Performed By
Defense Contract Audit Agency
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DEFENSE CONTRACT AUDIT AGENCY





June 23, 2005

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SUBJECT: Report on Audit of Noncompliance with CAS 418 and Disclosed Cost

Accounting Practices, Raytheon Polar Services Company

REFERENCES: Prime Contract No.: OPP-0000373

CONTRACTOR: Raytheon Technical Services Company (Cage Code 05WG2)

12160 Sunrise Valley Drive

Reston, VA 20191

REPORT RELEASE RESTRICTIONS: See Page 23

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SUBJECT OF AUDIT

Our continuous examination of the contractor's cost accounting practices during performance of contracts includes evaluating whether the contractor has complied with the CAS Board rules, regulations, and standards, and any applicable FAR Part 31 requirements. The contractor is responsible for compliance with those requirements. Our responsibility is to express an opinion on compliance based on our examination.

EXECUTIVE SUMMARY

Raytheon Polar Services Company (RPSC) cost accounting practices are in noncompliance with CAS 418, Allocability of Direct and Indirect Costs and with disclosed cost accounting practices (i.e., Disclosure Statement). Specifically, costs that are disclosed as indirect are recorded and charged direct to the Polar Services contract. Recording and charging these costs direct to the contract results in 100 percent recovery through contract billings to the government (i.e., National Science Foundation).

SCOPE OF AUDIT

We conducted our examination in accordance with generally accepted government auditing standards. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether the contractor has complied with the requirements referred to above. An examination includes:

- evaluating the contractor's internal controls, assessing control risk, and determining the extent of audit testing needed based on the control risk assessment;
- examining, on a test basis, evidence supporting the cost accounting practices; and
- assessing the actual cost accounting practices and compliance of those practices with the disclosed cost accounting practices and applicable requirements.

We evaluated the contractor's cost accounting practices used to accumulate contract costs using the applicable requirements contained in the:

- Federal Acquisition Regulation (FAR); and
- CAS Board rules, regulations and standards.

Our examination does not provide a legal determination on the RPSC compliance with the specified requirements.



In Audit Report No. 6161-2004T11070201, dated October 4, 2004 DCAA examined the SAP Accounting System and Control Environment and the related internal control policies and procedures. Based on our examination we concluded that the SAP Accounting System and Control Environment and the related internal control polices and procedures are adequate.

RESULTS OF AUDIT

In our opinion, during this period (January 1, 2000 through December 31, 2002) the contractor was in noncompliance with CAS 418, Allocation of Direct and Indirect Costs. In addition, the contractor was in noncompliance with its disclosed cost accounting practices. As of the date of this report, the condition causing the noncompliance has not been corrected.

This report is limited to the cited instance(s) of noncompliance. Accordingly, we express no opinion on whether other practices are proper, approved, or agreed to for pricing proposals, accumulating costs, or reporting contractor performance data.

STATEMENT OF CONDITIONS AND RECOMMENDATIONS

Our examination disclosed that the contractor's failure to comply with a cost accounting standards and failure to follow consistently disclosed cost accounting practices has resulted or may result in increased cost paid by the government. The areas of noncompliance and failure to follow disclosed practices are stated below:

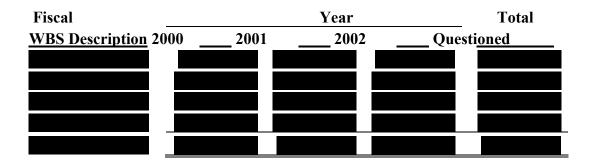
CONDITION:

Raytheon Polar Services Company (RPSC) accounting practices relative to recording and billing selected costs is in noncompliance with one of the fundamental requirements of CAS 418.

Specifically, CAS 418-40(a) requires that a business unit shall have a written statement of accounting policies and practices for classifying costs as direct or indirect and they must be consistently applied. Our audit found that RPSC did not consistently apply its classification of costs on the Polar Services contract. In particular, RPSC is:

	illing selected costs, disc	losed as indirect, direct to	o the Polar Services
contract.			
 reclassifying 			
		s report for a complete li respectively.	st of the reclassified
This practice is also 4 through 9C, which were i particular, Disclosure State pool as "		year (FY) 2000 through	2002 time frame. In
		. The pool is in place to	support a particular
function."			
In addition, the majinclude:	or elements of costs discl	losed as a part of the Bus	siness Overhead pool
•			
•			
RPSC proposed and	l RTSC discloses a separa	ate overhead pool for the	e collection of
1 1	Î		
The Polar Services contract reporting and funding source		1	
COST IMPACT:			
During our audit of questioned	RPSC FY 2000 through related to this noncom	2002 incurred costs, we pliance as illustrated belo	





Costs allocated from were reclassified by RPSC as direct costs to the Polar Services contract as follows:

Fiscal		Year	Total
Allocation 2000	2001	2002	Questioned

All costs reclassified/questioned were billed as direct costs. In addition, the contractor billed the allowable ceiling amounts. Therefore, all costs reclassified/questioned as a direct charge would be in excess of the billed indirect ceilings (overhead and G&A). We will evaluate the impact of this noncompliance for fiscal years 2003 and 2004 as part of our respective RPSC Incurred Cost audits scheduled to be performed during GFY 2006.

RECOMMENDATION:

We recommend that the contractor institute additional control procedures to insure that costs are consistently applied and/or allocated as either direct or indirect in accordance with its disclosed cost accounting practices and based on the fundamental requirements of CAS 418. In addition, we recommend that the contractor develop and implement a plan to monitor the proper cost classification based on Cost Accounting Standards and its CAS Disclosure Statement of indirect and other direct costs at all levels of the RPSC business area responsible for cost classification.

CONTRACTOR'S REACTION:

The contractor's written response to our conditions and recommendations is included as an appendix to this report and summarized in this section of the report.

The contractor does not agree that the costs should be reclassified or disallowed. First, the contractor believes that Section 3.1.0 of its CAS Disclosure Statement Second, the contractor contends the parties expressly agreed that all costs at Polar would be charged as direct costs to the General Management WBS and that they would not be subject to the overhead ceiling rate. Third, the contractor believes that the Polar contract, not the WBS, is the final cost objective based on the CASB definition of a final cost objective. Additionally, the contractor replied that individual tasks and CLINs under a contract do not necessarily represent final cost objectives nor is a contractor required to treat them as such for cost accounting purposes. Fourth, the contractor asserts that it is entitled to decide what a final accumulation point is in its accounting system. In the RTSC accumulation system, the Polar Services contract is the final cost objective according to the contractor.

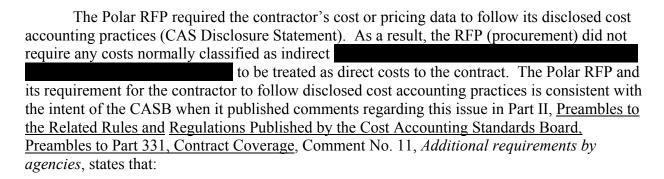
Concerning the the contractor asserts that the Polar business unit was not organized as a separate, stand-alone operation. As a result, Polar has in effect purchased certain systems and support services from and charged the costs for these systems and services to the Polar Services contract in the form of In addition, the contractor stated that many types of cost are treated as overhead, they cause the actual overhead costs to exceed the capped rates in a way that the contractor does not believe either party anticipated or intended.

Finally, the contractor is in the process of developing a separate CAS Disclosure Statement for Raytheon Polar Services. The Raytheon Technical Services Company CAS Disclosure Statement Revision 12 for Parts I-IV was recently issued exclusive of Raytheon Polar Services. The effective date for RTSC revision 12 is January 1, 2005.

AUDITOR'S RESPONSE:

The contractor's reaction did not include any information to change our opinion. CAS 418-40(a) requires Polar Services to have a written statement of accounting policies and practices for classifying costs as direct and indirect and to apply those policies and practices consistently. These policies and practices are included in the contractor's CAS Disclosure Statement applicable to FYs 2001-2002, Revision 9C, Item No. 3.1.0 (Direct vs. Indirect Criteria). We do not believe that this part of the contractor's disclosure statement allows it to charge normally indirect costs direct to the Polar Services contract including the criteria that

states, "Notwithstanding whether a type of charge is marked 'E' or 'F' [referring to treatment code in Paragraph 3.2.0] when the circumstances of a particular procurement suggest that a normally indirect cost would be bid and accumulated as a direct cost, the method employed to avoid double counting and to maintain compliance with the requirements of CAS 402 will be:"

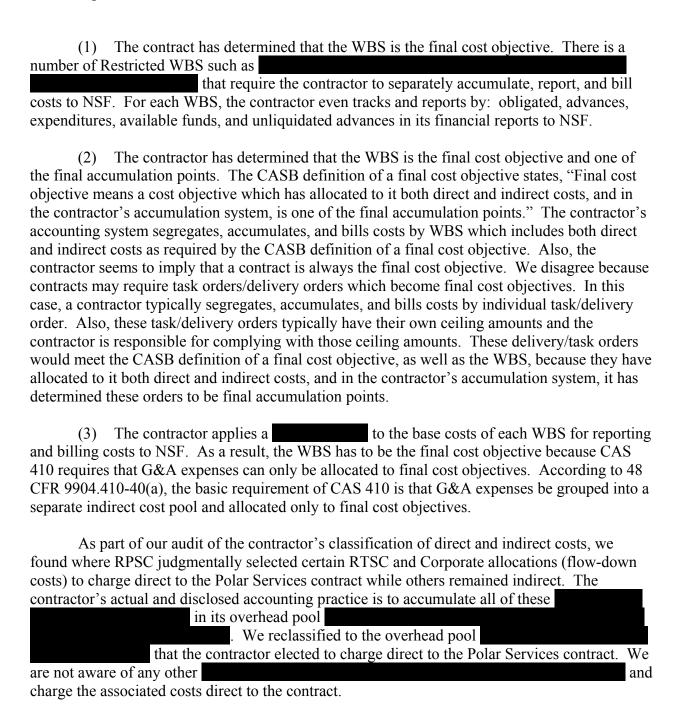


"...concern was expressed that Federal agencies might require the submission of cost proposals in ways inconsistent with the cost accounting practices of some or all of the potential offerors. The Board recognizes that this has happened in the past, but it notes that Board rules, regulations, and Cost Accounting Standards are to be used by relevant Federal agencies as well as by subcontractors and contractors, and it believes that henceforth requests for proposals must be fully consistent with such rules, regulations, and standards, although of course the Federal agency may ask for supplementary information to accompany proposals if this is needed to meet the agency's requirements."

In addition, the contract does not include any requirement and/or terms that allows RPSC to charge normally indirect costs direct to the Polar Services contract. We were never provided written documentation that substantiated any implied agreement between RPSC and the NSF Contracting Officer that allowed RPSC to charge normally indirect costs direct to the Polar Services contract. In fact, RPSC notified the NSF Contracting Officer in a letter dated April 16, 2001 that it has liquidated advance payments in a manner inconsistent with its disclosure statement. Specifically, RPSC classified some normally indirect costs

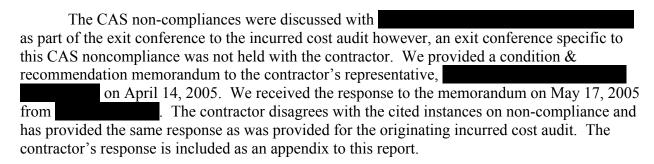
as direct costs. As a result, the NSF Contracting Officer requested the NSF OIG to review the basis for these classifications by Polar Services and advise if the proposed allocations are consistent with applicable RTSC Disclosure Statement(s) and otherwise represent allowable, allocable, and reasonable costs of contract performance.

Lastly, we believe that the Polar Services contract has multiple final cost objectives in the form of Work Breakdown Structures (WBS) based on the following:



In summary, we believe the contractor is in noncompliance with CAS 418-40(a) and has not followed its disclosed accounting practices which is a requirement of that standard.

In accordance with FAR 52.230-6(a), within 60 days of the contractor's agreement to the initial finding of noncompliance or the CFAO determination of noncompliance, the contractor is to provide a general dollar magnitude of the noncompliance identifying the potential impact on the funds of each affected government agency and department.



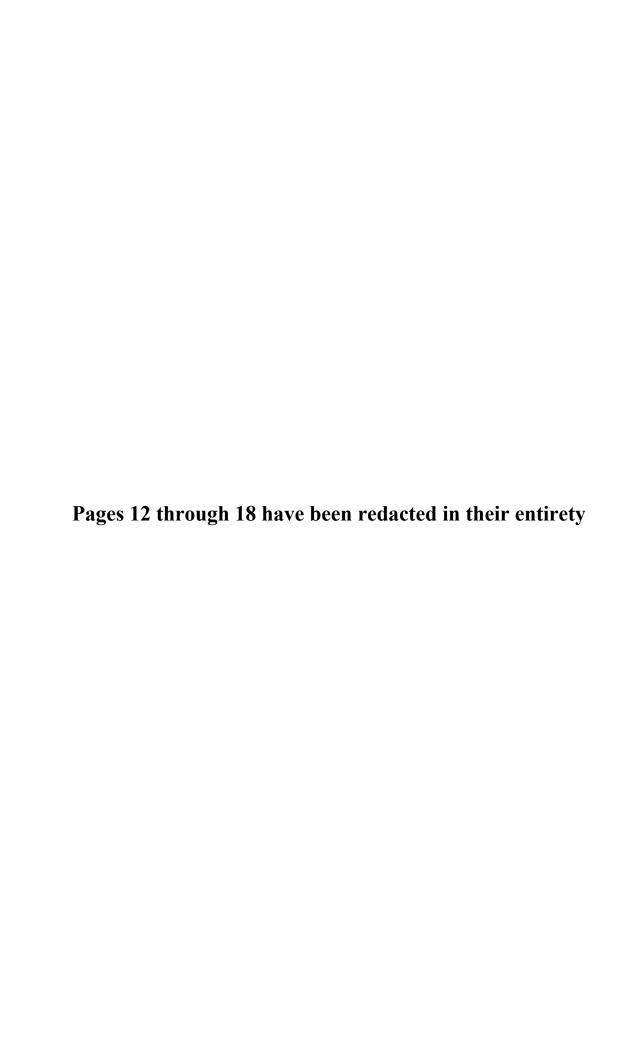


CONTRACTOR'S ORGANIZATION AND SYSTEMS

I. <u>Organization</u>

RTSC headquarters is located in Reston, VA.

Pages 12-21 have been redacted in their entirety.





<u>CAS 405</u>: Audit Report No. 6162-2003T19200204, dated June 5, 2003, indicates that the contractor's cost accounting practices are in noncompliance with CAS 405, Accounting for Unallowable Costs, and FAR Part 31. Specifically, RTSC is not adequately complying with established controls to properly classify and record unallowable costs. In addition, RTSC is

not adequately complying with Raytheon Company policies and procedures for specific cost elements that were designed for controlling cost and determining/documenting cost allowability and compliance with government regulations. On December 12, 2004, the DACO withdrew his initial finding of noncompliance on this issue; stating that "Any potential cost impact associated with the Initial Finding will be resolved as part of the annual Incurred Cost negotiations." Nevertheless, we will continue to report DCAA's CAS 405 noncompliance audit report until after accomplishment of follow-up compliance and transaction testing performed as part of DCAA's comprehensive audit of RTSC during FY 2005 to ensure that the reported instances of noncompliance have ceased to exist.

CAS 418: Audit Report No. 6162-2003T19200205, dated June 5, 2003, indicates that the contractor's cost accounting practices are in noncompliance with CAS 418, Allocability of Direct and Indirect Costs.

On December 12, 2004, the DACO withdrew his initial finding of noncompliance on this issue stating that "Any potential cost impact associated with the Initial Finding will be resolved as part of the annual Incurred Cost negotiations." Nevertheless, we will continue to report DCAA's CAS 418 noncompliance audit report until after accomplishment of follow-up compliance testing performed jointly during DCAA's inprocess FY 2005 CAS 418 Compliance and Indirect and Other Direct Cost Internal Control System examinations (reference DCAA Audit Assignment Nos. 6161-2005T19403300 and 6161-2005T14980300 respectively) to ensure that the reported instances of noncompliance have ceased to exist.

Pages 21 has been redacted in its entirety

DCAA PERSONNEL

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AUDIT REPORT AUTHORIZED BY:

/Signed/

Branch Manager DCAA Herndon Branch Office

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Raytheon Polar Services Company

Copy furnished thru CFAO
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CONTRACTOR'S WRITTEN RESPONSE

This file contains the contractor's written response to the CAS noncompliances. There are two (2) files contained within this correspondence. The contractor submitted the first file, B0SJ01.1Final.DOC which contains the response submitted for the originating incurred cost audit. The second file contains the cover letter for the condition and recommendation response to include further clarification by the contractor.



Raytheon Technical Services Company

12160 Sunrise Valley Drive Reston, Virginia 20191-3461 USA

May 17, 2005

To: Defense Contract Audit Agency

Attn :

Mid -Atlantic Region Herndon Branch Office

Bu ilding 2, 3rd Floor

17 1 Elden Street, Suite 315 H erndon, VA 20170-4810

Subject: CAS 418 Noncompliance – Raytheon Polar Services Company

Reference: DCAA Audit Report 6161-2005T19200001 dated April 14, 2005

In response to the subject audit report RTSC respectively disagrees that Raytheon Polar Services Company (RPSC) was in noncompliance with C AS 4 18 during the period noted in the audit report. I have at tached the original response to the DCAA Audit Report No. 61 61-2004P10160205 that provides our position with respect to the appropriateness of allocating costs to this contract.

As a matter of update, RTSC has i ssued its Disclosure Statement (DS) Revision 12 for Parts I – IV exclusive of RPSC. A sep arate DS for RPSC is currently being reviewed and will be issued accordingly. This change was prompted by the joint discussions with both DCAA and DCMA with the intent to provide improved clarity to both Disclosure Statements recognizing that RPSC has unique circumstances relative to

Additionally, discussions with the National Science Foundation (NSF) and the Inspector General have been ongoing to resolve any misunderstanding between RTSC and the customer.

Sincerely,



Cc:



Re: Response to DCAA Draft Audit Report No. 6161-2004P10160205

This letter is the response of Rayt heon Technical Services Company LLC (RTSC) to
DCAA Draft Audit Report No. 6161-2004P10160205 dated August 24, 2004. In simple term s,
the Draft Audit Report questions the allo wability of approxim ately in costs
allocated to National Science Foundation (NSF) Contract No. OPP 00 00373 (the Contract) in
2000-02. The questioned costs fall into three broad categories: 1) approximately
costs incu rred by RTSC's Polar Servic es divisi on (Polar) and charged as direct costs of the
Contract; 2) approximately in indirect costs in excess of the caps on overhead and
G&A included in the Contrac t; and 3) approximately
. We believe that it is important to note
at the outset that the unallowable over-ceiling costs identified in the Draft Audit
Report have neither been billed to NSF nor recovered in any way and that Polar has no intention
of attempting to recover those costs. We disagree with the conclusions in the Draft Audit Report
on the other two issues for the reasons stated below.

Background

The Contract is a cost-reim bursement cont ract for services in support of the NSF scientific mission in A ntarctica. Polar won the contract in a competition conducted in 1999. Polar's predecessor, Antarctic Support Services (ASA), had only one contract and charged all of its costs direct to that contract. ASA had no indirect costs. Because it was a joint venture, its "parents" did not allocate "home office" costs to ASA. When ASA needed supper ort from its corporate parents, it "purchased" that support and charged the costs direct to the predecessor contract. A lthough NSF's RFP for the Contract did not specifically require that all costs be charged directly to the Contract, it was apparent that the RFP contemplated that a successor contractor would have a similar structure with minimal indirect costs. As a result, RTSC's proposal was designed to minimize indirect charging and maximize direct charging.

that are classified as indirect costs and allocated to all the contracts in that business unit. In 1999 when RTSC was preparing the p roposal for the Contract, there were a few RTSC business units that were stand-alone organizations, like the contemplated Polar business unit. Like ASA, those business units charged virtually all of their costs as direct costs. Those business units were not included in the allocation base for most Raytheon corporate and RTSC costs, so they had very

Because the Draft Audit Reports makes changes in both the overhead pool and in the base used to allocate the overhead pool, we do not agree with the precise amounts calculated by DCAA for each category of costs. For example, because DCAA has erroneously reclassified certain Polar from direct costs to overhead and because of an undetected error in the 2000 submission, the amount subject to the overhead cap in the DCAA report is overstated. On the other hand, we also discovered undetected errors in the incurred cost submission for 2002 that would increase the amount of overhead rendered unallowable by the cap. When the 2000 and 2002 submissions were corrected, the amount of unallowable over-ceiling c ost will be approximately For clarity, we have used the amounts in the DCAA Draft Audit Report in this response, but those amounts are incorrect.

low indirect cost rates. RTSC's proposal organized on the same basis and that it would	assumed that the Polar	business unit would be
organized on the same basis and that it would		
Based on its expectations about the wa	y that Polar would be org	ganized, RTSC's proposal
	<i>y</i>	,
		did not expect that its
actual overhead and G&A expenses would exc	ceed the contractual caps	by more than
NSF accepted RTSC's proposal an d		
normally charged as indirect costs would be c	= -	ntract. eess unit ha s consistently
classified all costs incurred in the Polar busin	less unit as direct costs. I	In f act, NSF directed that
Polar charge the locally incurred m anagemen in the Contract and Polar has complied with the		neral Managem ent CLIN
in the Contract and Folds has complied with the	at direction.	
After the C ontract was awarde d to Po began performance of the Contract shortly aft	<u>.</u>	
2000. The protest and uncertainty about the v	•	
during 2000. The initial award was for a period was a period that ontion and the	<u> </u>	<u>-</u>
years. NSF has exercised that option and the	Contract is currently expe	cted to extend until 2010.
		. As a result, the
costs allocated to the Contract from Rayt heo	n and RTSC substantially	
overhead cap included in the Contract. Becau		
Program Plan (APP) to report its costs at the Polar complied with that direction,	outset of the Contract in	early 2000 and because

After considering various alternatives in early 2001, RTSC decided that some of the costs
being had
expected to incur and charge direct to the C ontract. Polar decided to reclassify
some of the costs as other direct costs (ODCs) and to charge
those costs directly to the Contract rather than including them as overhead costs subject to
in the Contract. Polar no tified NSF of that decision in a letter dated April 16, 2001,
and identified the types of cost that had been classified as ODCs in that letter. In response to that
letter, NSF told Polar th at the allowability of its ODCs would be determined after the costs had
been audited. The Draft Audit Report, prepared over three years thereafter, is the first time that
any Government representative has objected to the approach adopted by Polar in 2001. Polar
appreciates this opportunity to explain the rationale for its classification of the costs as ODCs.
Polar did not classify as ODCs any cost s allocated to the Contract to the Contract as ODCs. In fact, the total am ount that Polar has claim ed and recovered on the Contract during the initial 5-year term of the Contract is approxim ately than the actual costs recorded as indirect costs on the Contract. That on the Contract reflects the benefit that NSF has realized as a result of the contractual caps on G&A and overhead.
We now turn to the issues raised in the Draft Audit Report.
We do not believe that DCAA was privy to the contractual agreement reached by the parties, so DCAA may not appreciate the connection between that agreement and the disclosed and approved practice used by Polar to implement that agreement. The parties clearly and explicitly agreed that all costs would be charged as direct costs on the Contract, including costs that would normally be indirect. In discussions after award, NSF instructed Polar to charge normally indirect costs to the and Polar has complied with that instruction. RTSC's disclosed practice was and is that
Because the parties had specifically agreed that the costs at issue would be charged direct, there
was and is a contractual requir ement to charge them direct. In addition, RTSC's disclosed
practice
. The costs at issue exclus ively benefit and are identified to the Polar contract.
Accordingly, Polar has complied with the requirements of the Contract, the instructions of its customer, and
m akes sense in a situation like this where there is only one contract in the business unit and where all will ultimately be charged to that contract, whether charged directly or indirectly.

The DCAA Draf t Audit Repor t as serts that Polar may not charge the costs at issue directly to the Contract because there are multiple "final cost objectives" within the Contract. Under this interpretation, because the Contract has multiple final cost objectives, Polar is required to collect its normally indirect costs in an overhead pool and allocate those costs as overhead to the various final cost objectives within the Contract. The effect of the DCAA position is to include in the costs
There are at least three fundam ental problems with this position. First, and most important, it is completely inconsistent with the understanding of the parties and the requirements of the Contract. The parties expressly agreed that all Even if DCAA were correct about the existence of multiple final cost objectives, the assertion that the costs at issue should be subject to the overhead cap would be inconsistent with the parties' express and clear agreement.
The second problem with the DCAA position is that the Contract is a single final cost objective. The term "final cost objective" is defined in the CAS regulations as follows: Final cost objective means a cost objective which has alloc ated to it both direct and indirect cost s, and in the contractor's accumulation system is one of the final accumulation points.
48 C.F.R. § 9904.402-30(a)(4). Under that definition, the contractor is entitled to decide what is a final accumulation point in its system. In RTSC's accumulation system, under
In most circumstances, contracts are final cost objectives. While we agree with DCAA that the re a re c ircumstances in w hich a sing le contract c ould encom pass multiple final cost objectives, this is clearly not one of them. In our experience, contracts that include multiple final cost objectives are contracts that cover two or m ore distinct a nd d isparate activities, such as production of goods and a separate design task to develop a variant of that product.
Finally, the parties intended and expressly agreed that the unallowable indirect costs would be charged direct to the contract. There is no basis to disallow that direct cost.
Costs in Excess of the Indirect Cost Caps
The Draf t Audit Report also id entifies as unallowable and "claim ed over ceiling" approximately in costs that have been allocated to the Contract. We agree with DCAA that the costs at issue are not allowable. We also agree that the costs have been <i>allocated</i>

to the Contract, as is required by the relevant regulations and we disagree that they have been "claimed" and they certainly have not been recovered. The costs are included in the actual incurred cost submission and they are charged to the Contract on Polar's books of account because they are actual costs and they must be recorded on the books, but we are aware of no evidence that the costs have ever been included in any billing or otherwise "claimed" by Polar. Polar has no intention of claiming or attempting to recover those costs. While the Draft Audit Report is correct that the costs are unallowable, it fails to acknowledge that Polar has treated them as unallowable. Moreover, by labeling the costs as "claimed" the Draft Audit Report creates the erroneous impression that Polar has somehow tried to recover the costs. There is no issue about these costs and the final Audit Report should acknowledge that fact.

RTSC made a deal with NSF about the unallow ability of indirect costs in excess of the caps included in the Contract. Polar has lived up to that deal and is not complaining about the impact of the caps on indirect costs as they were reasonably anticipated when the caps were proposed and negotiated. What we disagree with is the application of the caps to that were expressly excluded from the application of the caps in RTSC's proposal, discussed in the section above, and application of the caps to costs that RTSC anticipated incurring locally, discussed in the next section.

Other Direct Costs

The final category of costs addressed in the Draft Audit Report raises more complicated issues, but it is equally without merit. The principal reason that we requested additional time to respond to the Draft Audit Report—was because we wanted to be—sure that we understood the issues related to ODCs and were comfortable with the Company's position on those issues. We retained outside counsel and a major accounting firm to review the Company's position. Their review is now substantially com—plete and they—have concluded that the Com—pany's position reflects a fair attempt to implement the original intent of the Contract in light of the way that circumstances have changed since award.

As explained above, the proposal for the Contract and the rate caps in the contract were based on express assumptions about the nature of the costs that would be included in the capped overhead rates. RTSC's

The cost proposal for the Contract origin ally assumed that there would be similar arrangements for the Polar business unit and that such costs would be incurred locally and charged directly to the Contract, as provided in the Contract and in

