



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

OCT 15 2007

OA0 Corporation
2277 Research Boulevard
Mailstop 4G ATTN: Joyce L. Lambert
Rockville, MD 20850

SUBJECT: TASK ORDER NO.22 ENTITLED "Planned Accomplishment Conversion", UNDER DELIVERY ORDER NO. DR-33-07-358

Dear Ms. Lambert:

In accordance with Section C.27 entitled "Task Order Procedures," of the subject delivery order, this letter hereby definitizes Task Order 22. This effort shall be performed in accordance with the enclosed Statement of Work and OA0 Corporation's cost estimate dated, September 18, 2007, which is made a part hereof of this order.

The following individual(s) are considered to be essential to the successful performance of the work hereunder:

██████████ - Project Manager

The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with the Key Personnel Clause (2052.215-70) of the delivery order.

Task Order No. 22 shall be in effect from September 26, 2007, through September 25, 2008, with a total cost ceiling of \$9,842.98.

This Task Order No. 22 obligates funds in the amount of \$9,842.98. The obligated amount shall, at no time, exceed the task order cost ceiling. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this task order. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's risk.

Your contacts during the course of this task order are:

Technical Matters: Harry Kromer - (301) 415-6817
Bill Usilton - 301-415-2348

Contractual Matters: Richard Bright - (301) 415-8086

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

NOV 25 2008

ADM002

*ACCOUNTING AND APPROPRIATION DATA Task Order No. 22 is as follows:

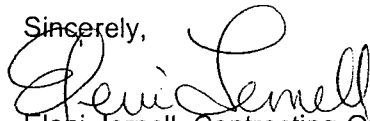
B&R: 77N-15-5H1-367 JC: N7053 BOC: 2574 APPN: 31X0200.77N COM: RQ700700046
\$9,842.98

*ADMINISTRATIVELY TRANSFERRED FUNDS FROM BASE CONTRACT

The issuance of this task order does not amend any terms or conditions of the subject delivery order.

Please indicate your acceptance of this task order by having an official who is authorized to bind your organization, execute three copies of this document in the spaces provided below and return two copies to the Contract Specialist. You should retain the third copy for your records. If you have any questions regarding the subject task order, please contact Richard Bright, Contract Specialist on (301) 415-8086.

Sincerely,



Eleni Jernell, Contracting Officer
Contract Management Branch No. 3
Division of Contracts
Office of Administration

ACCEPTED: Joyce L Lambert

Joyce L Lambert
NAME

CONTRACTS
TITLE

10/23/07
DATE

Task Order 22	Planned Accomplishment Conversion	BASE YEAR RATE	BASE YEAR HOURS	BASE YEAR AMOUNT
OFF-SITE				
010	010 Program Manager		-	\$0.00
020	020 Project Manager		-	\$0.00
030	030 Quality Assurance Manager		-	\$0.00
050	050 Principal BPR Specialist		-	\$0.00
060	060 Senior BPR Specialist		-	\$0.00
070	070 Principal Systems Architect		-	\$0.00
080	080 Senior Systems Architect		-	\$0.00
090	090 Principal Information Engineer		-	\$0.00
100	100 Senior Information Engineer		-	\$0.00
110	110 Senior Functional Analyst		-	\$0.00
130	130 Systems Analyst 5		-	\$0.00
140	140 Systems Analyst 4		-	\$0.00
150	150 Systems Analyst 3		-	\$0.00
160	160 Systems Analyst 2		-	\$0.00
170	170 Systems Analyst 1		-	\$0.00
210	210 Computer Programmer 7		-	\$0.00
220	220 Computer Programmer 6		-	\$0.00
230	230 Computer Programmer 5		-	\$0.00
240	240 Computer Programmer 4		-	\$0.00
250	250 Computer Programmer 3		-	\$0.00
251	251 Computer Programmer 2		-	\$0.00
260	260 Support Specialist 6		-	\$0.00
270	270 Support Specialist 5		-	\$0.00
280	280 Support Specialist 4		-	\$0.00
290	290 Support Specialist 3		-	\$0.00
310	310 Engineer 5		-	\$0.00
320	320 Engineer 4		-	\$0.00
350	350 Sr Computer Security Specialist		-	\$0.00
360	360 Computer Security Specialist		-	\$0.00
370	370 Operations Manager		-	\$0.00
430	430 Communications Network Engineer		-	\$0.00
520	520 Apps Systems Analysis and Program Manager		-	\$0.00
530	530 Apps Systems Analysis and Program Sup		-	\$0.00
540	540 Apps Systems Analyst/Programmer - St Spec		-	\$0.00
550	550 Apps Systems Analyst/Programmer - Lead		-	\$0.00
560	560 Telecommunications/Internetworking Designer		-	\$0.00
570	570 Network Planner		-	\$0.00
580	580 Network Operations Specialist		-	\$0.00
590	590 Telecommunications Engineer - Senior		-	\$0.00
600	600 Telecommunications Engineer - Inter		-	\$0.00
610	610 Telecommunications Systems Analyst		-	\$0.00
620	620 Network Controller		-	\$0.00
630	630 Telecommunications Engineer/Analyst		-	\$0.00
640	640 Network Control Technician		-	\$0.00
650	650 Telecommunications Analyst/Tech-Senior		-	\$0.00
700	700 Documentation Specialist		-	\$0.00
710	710 Documentation Coordinator		-	\$0.00
720	720 Technical Expert - Level 4		-	\$0.00
730	730 Technical Expert - Level 3		-	\$0.00
740	740 Technical Expert - Level 2		-	\$0.00
750	750 Technical Expert - Level 1		-	\$0.00
760	760 Information Services Consultant		-	\$0.00
ON-SITE				
105	105 Senior Information Engineer Onsite		-	\$0.00
265	265 Support Specialist 6 Onsite		-	\$0.00
275	275 Support Specialist 5 Onsite		-	\$0.00
285	285 Support Specialist 4 Onsite		-	\$0.00
525	525 Apps Systems Analysis and Program Manager Onsite		-	\$0.00
535	535 Apps Systems Analysis and Program Sup Onsite		-	\$0.00
545	545 Apps Systems Analyst/Programmer - St Spec Onsite		-	\$0.00
555	555 Apps Systems Analyst/Programmer - Lead Onsite		-	\$0.00
715	715 Documentation Coordinator Onsite		-	\$0.00
745	745 Technical Expert - Level 2 Onsite		-	\$0.00
TOTAL				\$9,842.98

Task Order 22**Planned Accomplishment Conversions****A. Scope**

The Contractor shall perform application systems maintenance for systems listed below in the SOW section, subparagraph, "Maintenance," following guidance provided in the NRC PMM and CMP and utilizing the CM Library as the source for obtaining a current copy of production application systems which require maintenance.

B. Statement of Work

1. Maintenance

The Contractor shall be responsible for making necessary changes to ensure that identified problems with an application system are corrected and the system is returned to production in the shortest amount of time possible.

a. Systems To Be Serviced

System Name	System Number	System Acronym	Software	Platform	Allotted Level of Effort
Manpower Reporting System/FEES	1213/ 1289	MPS/ FEES	Cobol, DB2, ISPF, PL/1	Mainframe	500 h/y
Technical Assignment Control System	1208	TACS	Cobol, DB2, ISPF, PL/1, Wylbur	Mainframe	150 h/y

2. Initiation of Work

Based on prior fiscal year conversions, the following tables and files must be either used or modified (e.g., 2002 to 2003, 2003 to 2004).

a. Program Libraries

Library Name	Member Name(s)
WDC1UOI.RITSDB2.SOURCE WDC1UOI.RITSDSNP.LOADLIB WDC1UOI.RITSDSNP.DBRMLIB	Member: P1213703
WDC1UOI.MMSDB2.SOURCE WDC1UOI.MMSDSNP.LOADLIB WDC1UOI.MMSDSNP.DBRMLIB	MPSW2TI,MPSUPD95 (new PL1 program)

Library Name	Member Name(s)
WDC1UOI.RITSDSNP.PANEL	MMS00MM
WDC1UOI.RITSDSNP.CLIST	MPSUPD95

Library Name	Member Name(s)
WDC1UOI.REPORTS.DSNP.CP	DB2PROCS, NMSRPT1, NMSRPT2, NMSRPT3, NMSRPT4, NMSRPT5A, NMSRPT5B, NMSRPT5E, NMSRPT7, NMSRPT7B, NMSRPT7C, NMSRPT8, REGRPT1, REGRPT2, REGRPT3, REGRPT4, AND REGRPT5.

b. Precompile/Bind JCLs

Library Name	Member Name(S)
WDC1UOI.RITSDSNP.JCLLIB	COMP703, BIND703, MSUPD954, AND BINDUP95
WDC1MPS.MMSDSNP.JCLLIB	COMPW2TI AND BINDW2TI

c. Working Libraries

Library Name	Member Name(s)
WDC1UFF.PAYF.CONVERT	BIND, CONVADDA, CONVCASE, CONVLIN, CONVPABU, CONVSACT, CONVTAC, CONVTRAN, CONVWALK, CPRECOMP, DEFFY95, FREEBIND, LOADPA, RUNADDA, RUNCASE, RUNLINE, RUNPABU, RUNSACT, RUNTAC, RUNTRANS, RUNWALK, TRANF95
WDC1UOF.RITSDSNP.LOADLIB	
WDC1UOF.RITSDSNP.DBRMLIB	
WDC1UOF.RITSDSNP.JCLLIB	ADDACT, CASE, LINEITEM, PA, PABUDGET, PAXWALK, TAC, and TRANSACT
WDC1UOF.UNLOAD.JCLLIB	ADDACT, CASE, PABUDGET

Library Name	Member Name(s)
WDC1UOF.CREATE.DSND.TABLES	ADDACT, CASE, LINEITEM, PA, PABUDGET, PAXWALK, STAFFACT, TAC, TACOFF, TACREV, TRANSACT

d. DB2 Tables

Library Name	Member Name(s)
WDC1MPS.TRANSACT_FY??	(new)
WDC1MPS.TRANSACT	(updated)
WDC1UOI.PA	(updated PA FY??)
WDC1UOI.PA_BUDGET	(reloaded)
WDC1UOI.ADDITIONAL_ACT	(updated PA FY??)
WDC1UOI.TAC	(updated PA FY??)
WDC1UOI.LINEITEM	(updated PA FY??)

e. DCLGEN

WDC1UOI.RITSDB2.DCLGEN(TRAN98PL)

f. WYLBUR (crosswalk) Dataset

Library Name	Member Name(s)
WDC1QCX.PA??XWALK	(crosswalk working file)
WDC1UOF.TRANSACT.ALL.DATA	(TRANSACT unloaded)
WDC1UOF.TAC.DATA	(TAC unloaded)
WDC1UOF.CASE.DATA	(CASE unloaded)
WDC1UOF.LINEITEM.DATA	(LINEITEM unloaded)
WDC1UOF.ADDACT.DATA	(ADDACT unloaded)
WDC1UOF.PABUDGET.DATA	(PA_BUDGET unloaded)
WDC1UOF.PAXWALK.DATA	(PA_XWALK unloaded)
WDC1UOF.PA.DATA	(PA unloaded)

Description of the Work to be Performed/Remarks

a. Prepare Necessary Files

A new PA crosswalk WYLBUR file (WDC1UOI.FY???.PA.CONVER, RECFM=FB, LRECL=80) has to be created in production UOI for the conversion process. This file will then be reorganized for use by the conversion programs in the library WDC1UOI.PAY.CONVRT.

b. Unloaded DB2 tables

The production (under UOI and MPS) DB2 tables have to be unloaded as backup files, using JCL in WDC1UOI.UNLOAD.JCLLIB.

WDC1UOF.ADDACT.DATA	From	WDC1UOI.ADDITIONAL_AC T
WDC1UOF.CASE.DATA	From	WDC1UOI.CASE
WDC1UOF.LINEITEM	From	WDC1UOI.LINEITEM
WDC1UOF.PA.DATA	From	WDC1UOI.PA
WDC1UOF.PABUDGET.DATA	From	WDC1UOI.PA.BUDGET
WDC1UOF.PAXWALK.DATA	From	WDC1UOI.PA.XWALK
WDC1UOF.TAC.DATA	From	WDC1UOI.TAC
WDC1UOF.TRANSACT.ALL.DATA	From	WDC1MPS.TRANSACT

c. Prepare Test DB2 Tables

The test DB2 tables under UOF have to be created and refreshed from production UOI and MPS for testing purposes using the WDC1UOF.CREATE.DB2.TABLES or WDC1UOF.REFRESH.JCLLIB.

d. Prepare and Load FY20??

The unloaded PA file WDC1UOF.PA.DATA has to be updated using the ISPF utility to incorporate the PA change in FY?? and saved as WDC1QCX.PA.DATA.NEW. The test WDC1UOF.PA.TABLE has to be reloaded with x number of rows using JCL WDC1UOF.PA.CONVERT(LoadPA) and the file WDC1QCX.PA.DATA.NEW.

e. Reload DB2 Table PA BUDGET

The DB2 table PA_BUDGET has to be refreshed to clear the "check pending" flag using JCL WDC1UOF.JCLLIB(PABUDGET).

f. Prepare Conversion Programs

Some existing COBOL/370 programs will have to be modified to accommodate the new crosswalk format, as well as the two conversion programs written as a result of the time and labor (T&L) implementation. The first one is used to convert the TAC_PA_T table. This table identifies the fiscal year and planned accomplishment number for each TAC record. The second program is used to convert the INSP_PA_T table. This table is used by the inspection program for all types of facilities. It is used to generate a planned accomplishment number whenever a staff member spends time doing an inspection activity. It is organized by the type of facility and the fiscal year.

g. New DB2 Tables and Programs

A new test DB2 WDC1UOF.TRANS.ACT.FY?? Dclen TRANOL00, PL1 program MPSUPD00, clist MPSUPD00 needs to be created to provide the maintenance of the FY01 transaction table.

h. Programs/Panel/CPs modifications

Modifications will probably have to be made to programs P1213703 and MPSW2TI to incorporate the changes in the fiscal year PAs. Modifications will **not** have to be made to MMSP00MM to include a new option for transaction FY05 maintenance. Once the T&L system became operational, this option is no longer available. All changes made to prior years data must be made in the T&L system.

The following CPs (in WDC1UOI.REPORTS.DSNP.CP) will also have to be modified to include the fiscal year and error messages:

NMSRPT1, NMSRPT12, NMSRPT2, NMSRPT3, NMSRPT4, NMSRPT5A, NMSRPT5B, NMSRPT5E, NMSRPT7, NMSRPT7C, NMSRPT8, REGRPT1, REGRPT2, REGRPT3, REGRPT4, AND REGRPT5.

j. Testing the Conversion

The PA for fiscal year conversion should be tested under WDC1UOF.

k. Implementation

The PA for the conversion needs to be implemented into production MPS and UOI ASAP. It will have to be executed at night or on a weekend since the system cannot be out of service during daily work hours. A new sequential dataset, WDC1UOI.DU.TITLES (used in program P1213703), also has to be created from the FY05 dataset to provide the titles and decision units in the fiscal year.

3. Standard Work Approach

The Contractor shall perform maintenance actions using the current production version of the application system source which is controlled by the CM Library. Changes to application system source code shall be made utilizing only those vendor products defined in the application system baseline, unless authorization has been received in writing from the NRC TOM (i.e., if the application is coded in CLIPPER 5.2d, only CLIPPER 5.2d will be utilized in the changes). It is the responsibility of both the NRC TOM and the Contractor to ensure that introduction of any new product to the application system is consistent with the authorized list of vendor products (i.e., the toolkit) approved by the NRC ECCB. Checkout of application system code and related products (e.g., test data, documentation) through the CM Library is required for each work effort. Upon completion of any maintenance effort, the Contractor shall provide an email to the NRC TOM defining actions taken and the readiness of the application for deployment. This notification shall indicate that the application system has been submitted and is available as the current version for deployment through the CM Library. The Contractor shall remain available to assist the deployment contractor and answer any questions associated with deployment of the application and/or data.

4. Work Effort Ceiling

This work effort authorizes a total of 650 hours per conversion effort. An email notification to the NRC TOM shall be made by the Contractor when less than 50 hours remain available for the conversion effort.

5. Maintenance Work Effort Reporting

The Contractor and the NRC TOM shall attend, as required, occasional (but not more than 3) meetings at the NRC to discuss significant conversion issues.

C. Place of Performance

Most efforts being performed by the Contractor shall be accomplished at the Contractor site. Access to the NRC facilities shall be provided by the NRC staff, as required, for the Contractor personnel during normal working hours for the duration of this SOW.

D. Schedule of Deliverables

The Contractor shall schedule the Planned Accomplishment (PA) conversion no later than 15 days after receipt of the request. The Contractor shall include, in its proposed schedule, 1 week of NRC time for delivery of proposed PA changes from the NRC and then schedule the conversion to occur within 5 weeks time, but no later than 6 weeks from the start of the conversion effort.

The Contractor shall notify the NRC TOM upon successful completion of the said conversion. The NRC TOM will review the results of the conversion within 5 days of notification and will notify the Contractor, via email, of the findings.

Task Order 22

E. Expertise/Skills

The Contractor shall provide personnel with the following skills:

- ▶ experience with and knowledge of the NIH computer facility
- ▶ experience with and knowledge of DB2
- ▶ experience with and knowledge of the Regulatory Information Tracking System (RITS) and previous conversion cycles
- ▶ experience with and knowledge of PowerBuilder
- ▶ experience with and knowledge of Sybase
- ▶ experience with and knowledge of the Novell LAN platform

F. Task Order Manager

The manager for this task order is William Usilton, (301) 415-5798.