



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

OCT 15 2007

OAO 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 OAO 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:

Derek Sharp - 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

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 4  
FOIA- 2009-0017

C/21

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

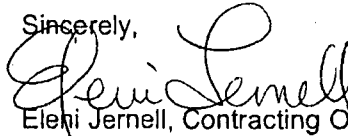
B&R: 77N-15-5H1-367 JC: N7053 BOC: 2574 APPN: 31X0200.77N COM: RQ700700046  
\$9,842.98

\*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,



Eleri 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/A	mplishment Conversion	BASE YEAR RATE	BASE YEAR HOURS	BASE YEAR AMOUNT
<b>OFF-SITE</b>					
010	010	Program Manager			
020	020	Project Manager			
030	030	Quality Assurance Manager			
050	050	Principal BPR Specialist			
060	060	Senior BPR Specialist			
070	070	Principal Systems Architect			
080	080	Senior Systems Architect			
090	090	Principal Information Engineer			
100	100	Senior Information Engineer			
110	110	Senior Functional Analyst			
130	130	Systems Analyst 5			
140	140	Systems Analyst 4			
150	150	Systems Analyst 3			
160	160	Systems Analyst 2			
170	170	Systems Analyst 1			
210	210	Computer Programmer 7			
220	220	Computer Programmer 6			
230	230	Computer Programmer 5			
240	240	Computer Programmer 4			
250	250	Computer Programmer 3			
251	251	Computer Programmer 2			
260	260	Support Specialist 6			
270	270	Support Specialist 5			
280	280	Support Specialist 4			
290	290	Support Specialist 3			
310	310	Engineer 5			
320	320	Engineer 4			
350	350	Sr Computer Security Specialist			
360	360	Computer Security Specialist			
370	370	Operations Manager			
430	430	Communications Network Engineer			
520	520	Apps Systems Analysis and Program Manager			(b)(4)
530	530	Apps Systems Analysis and Program Sup			
540	540	Apps Systems Analyst/Programmer - St Spec			
550	550	Apps Systems Analyst/Programmer - Lead			
560	560	Telecommunications/Internetworking Designer			
570	570	Network Planner			
580	580	Network Operations Specialist			
590	590	Telecommunications Engineer - Senior			
600	600	Telecommunications Engineer - Inter			
610	610	Telecommunications Systems Analyst			
620	620	Network Controller			
630	630	Telecommunications Engineer/Analyst			
640	640	Network Control Technician			
650	650	Telecommunications Analyst/Tech-Senior			
700	700	Documentation Specialist			
710	710	Documentation Coordinator			
720	720	Technical Expert - Level 4			
730	730	Technical Expert - Level 3			
740	740	Technical Expert - Level 2			
750	750	Technical Expert - Level 1			
760	760	Information Services Consultant			
<b>ON-SITE</b>					
105	105	Senior Information Engineer Onsite			
265	265	Support Specialist 6 Onsite			
275	275	Support Specialist 5 Onsite			
285	285	Support Specialist 4 Onsite			
525	525	Apps Systems Analysis and Program Manager Onsite			
535	535	Apps Systems Analysis and Program Sup Onsite			
545	545	Apps Systems Analyst/Programmer - St Spec Onsite			
555	555	Apps Systems Analyst/Programmer - Lead Onsite			
715	715	Documentation Coordinator Onsite			
745	745	Technical Expert - Level 2 Onsite			
<b>TOTAL</b>					(b)(4) \$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, CONVTA, CONVTRAN, CONWALK, 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 MPSW2T1 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.