

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
B.1				Services Being Acquired	Undated		No change	B.1	
B.2	3/xx/98	A046		Obligation of Funds	Undated		Revised to BN draft	B.2	BN provided draft language.
B.3	12/17/98	M050		Estimated Cost & Fee	Undated	FY 99	Revised to BN draft	B.3	BN provided draft language. EC: \$285,000,000 BF: \$0 AAF: \$18,250,000
B.3	1/12/98	M036		Estimated Cost & Fee	Undated	FY 98			EC: \$285,000,000 BF: \$0 AAF: \$0 IF: \$17,500,000
B.3	9/30/97	M025		Estimated Cost & Fee	Undated	FY 97			EC: \$294,000,000 BF: \$0 AAF: \$0 IF: \$17,000,000
B.3	4/18/97	M023		Estimated Cost & Fee	Undated	FY 97			EC: \$277,000,000 BF: \$0 AAF: \$0 IF: \$16,745,000
B.3	12/31/95	A000		Estimated Cost & Fee	Undated	FY 96			EC: \$242,000,000 BF: \$0 AAF: \$0 IF: \$19,000,000
B.4				Incentive Fee	Undated		No change	B.4	
B.5				Availability of Appropriated Funds	Undated		Revised	B.5	References
B.6				Option to Extend the Term of the Contract	Undated		No change	B.6	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
C.1				General Programmatic & Management Information	Undated		Revised	C.1	Revised language.
C.2		M024		General Management Objectives	Undated		Revised	C.2	Revised language.
C.3		M039 M036		General Description of DOE/NV Business Lines to be Supported	Undated		Revised	C.3	Revised language.
C.4				Organization of the Statement of Work (SOW)	Undated		Revised	C.4	Revised language.
C.5		M036 M024		Section I, Part A Essential Functions	Undated		Revised	C.5	Revised language.
C.6		M036		Section II Potential NV Missions	Undated		Revised	C.6	Revised language.
N/A			970.5204-37	Statement of Work (M&O Contracts)	Feb-94		Add	C.7	Per DEAR 970.1002 BN accepts proposed language added by HQ to clarify intent of clause. (ties to 970.7105)
D.1				Packaging	Apr-84		No change	D.1	
D.2				Marking	Apr-84		No change	D.2	
E.1	1/12/98	M036		Inspection	Undated		No change	E.1	
E.2	1/12/87	M036		Acceptance	Undated		No change	E.2	
E.3				Subcontracting	Undated		No change	E.3	
E.4			52.246-5	Inspection of Services - Cost Reimbursement	Apr-84		No change	E.4	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
F.1				Principal Place of Performance	Apr-84		Revise	F.1	BN provided draft language.
F.2				Period of Performance	Apr-84		Revise	F.2	Update & check reference to B.6
I.10			52.212-13 (S/B 52.242-15)	Stop-Work Order - Alternate I (Cost Reimbursement Only)	Apr-84		Correct Cite to 52.242-15, Alt. 1 (Aug-98) Move to Sect. F	F.3	Moved to F. Based on UCF guidance. Language is unchanged.
G.1	1/12/98	M036		DOE Contract Administration	Undated		No change	G.1	
G.2				DOE Patent Counsel	Apr-84		Update	G.2	Change "San Francisco Field Office" to "Oakland Operations Office".
H.1				Modification Authority	Apr-84		No Change	H.1	
H.2	12/17/98	M050		Key Personnel	Apr-84		Revise	H.2	BN provided draft.
H.3	1/12/98	M036		Withdrawal of Work	Undated		Revise	H.3	Change "performance direction" to "technical direction".
H.4				Subcontracts Consent & Flow Down Requirements	Undated		Revise	H.4	Change titles of referenced clauses due to updates.
H.5				Confidentiality of Information	Apr-84		No Change	H.5	
H.6			952.227-82	Rights to Proposal Data	Apr-84		No Change	H.6	
H.7				Environmental, Safety & Health Compliance Data	Undated		No Change	H.7	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
H.8				Separate Legal Entity	Undated		No Change	H.8	
H.9	5/13/97	M024		Transportation	Undated		Revise	H.9	Revise to apply WSS.
H.10				Security	Undated		Revise	H.10	Revise reference to Security clause.
H.11				Contractor Use of Government Vehicles - Work to Domicile	Undated		No Change	H.11	
H.12				Execution of Permits & Applications	Undated		No Change	H.12	
H.13				Transfer of Environmental Permits	Undated		No Change	H.13	
H.14				Contractor Acceptance of Notices of Violation or Alleged Violations, Fines & Penalties	Undated		No Change	H.14	
H.15				Assignment of Existing Subcontracts/Agreements	Undated		No Change	H.15	
H.16				Electronic Commerce	Undated		No Change	H.16	
H.17				Corporate Home Office Expenses	Undated		No Change	H.17	
H.18				Memorandum Purchase Agreement	Undated		Revise	H.18	Language revised.
H.19				Stabilisation of Site Employment	Undated		No Change	H.19	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
H.20				Control of Nuclear Materials	Undated		No Change	H.20	
H.21				Promises and Commitments	Undated		Revise	H.21	
H.22				Litigation Management Plan	Undated		Delete	N/A	
H.23	1/12/98	Deleted M036	970.5204-2	Environmental, Safety & Health	Now I-119	Modified	No Change	I.78	Section I 970.5204-2.
H.24	1/12/98	Deleted M036		Make-or-Buy Plan	Now I-120		No Change	I.114	Section I 970.5204-76.
H.25				Privacy Act Systems of Records	Undated		Revise	H.22	
H.26	1/12/98	M036		Project Control System	Undated		Revise	H.25	Revised & Renamed "Annual Contract Plan"
H.27	9/30/97	M025		Performance Direction	Undated		Revise	H.24	Revised & Renamed "Technical Direction"
H.28	1/12/98	M036		Reporting Requirements	Undated		Revise Combine w/H.35	H.23	Revised & Renamed "Project Control Systems & Reporting Requirements"
H.29	1/12/98	Deleted M036		Laws, Regulations, & DOE Directives	Now I-122		No Change	I.116	Section I - 970-5204.78
H.30				Performance Criteria & Measures	Undated		Delete - Replaced with DEAR 970-5204-54 Apr-99)	I.105	
H.31				Alternative Contracting	Undated		Delete	N/A	No longer required with new Make or Buy clause.
H.32	1/12/98	Deleted M036	970.5204-AL92-8R(2)	Ownership of Records	Now I-123	Deviation	N/A	I.117	Section I - 970.5204-79.

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
H.33				Representations, Certifications & Other Statements of the Offeror	Undated		No Change	H.26	
H.34				Notice Regarding Options	Undated		Replace w/ 970.5204-73 (Jun-96)	I.112	
H.35				Project Control System	Jul-93 AL 93-7		Revise Combine w/H.28	H.23	Revised & Renamed "Project Control Systems & Reporting Requirements"
H.36				Technology Transfer Mission	Undated		Delete & replace w/ 970.5204-40 1/96	I.99	Delete & move to Section I - 970.5204-40.
H.37				Diversity	Undated		Delete & replace w/ 970.5204-81 Dec-97	I.119	Delete & move to Section I - 970.5204-81. Appendix D must be retained due to reference in clause.
H.38	1/12/98	Deleted M036		Implementation of Section 3161 Policy on Work Force Restructuring	Undated		No Change	I.115	Section I - 970.5204-77.
H.39				Retraining for Displaced Employees	Undated		Delete	N/A	
H.40				Transfer-Relocation Allowance	Undated		No Change	H.27	Check with 970.5204-77
H.41				Subcontracting of Bargaining Unit Work	Undated		Delete	N/A	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
H.42				Work Allocation	Undated		Revise	H.28	
H.43				Labor Relations	Undated		Revise	H.29	
H.44				Incentive Fee	Undated		No Change	H.30	
H.45	1/12/98	M036		Cost Reduction Incentive Program (CRIP)	Undated		Delete	I.123	Same as 970.5204-87
H.46				Cost Savings Incentive	Undated		Delete	N/A	
H.47				Incentive Price Revision - Firm Target	Undated		No Change	H.31	
H.48			970.5204-54	Basic Fee, & Award Fee	Jul-91	Deviation	Delete	I.105	Deviation no longer required. Section I 970.5204-54
H.49	9/30/97	M025		Conditional Payment of Fee or Incentives (Exclusive of Base)	Undated		Delete & Replace w/970.5204.86 Apr-99	I.122	Delete & move to Section I 970.5204-86 Apr-99. New title: Conditional Payment of Fee, Profit, Or Incentives (April 1999)
H.50				Provisional Payment of Incentives	Undated		No Change	H.32	
H.51				Contract Type, Estimated Cost, Incentive Fee, Award Fee & Cost Savings Sharing	Undated		Revise	H.33	Removed "Cost Savings Incentive Program".
H.52				Segration of Costs	Undated		No Change	H.34	
H.53				Determination of Incentive Fees	Undated		No Change	H.35	
H.54			970.70	Agreements to Perform Non-DOE Activities	Undated	Deviation	No Change	H.36	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
H.55	1/12/98	M036		Performance Based Incentive Fee	Undated		Delete	N/A	
H.56				Performance Direction of Contractor's Teaming Subcontractors	Undated		Revise	H.37	Change "performance direction" to "technical direction" throughout the clause. Clause references updated.
H.57	1/12/98	M026		Contractor Affiliated Sources	Undated		No Change	H.38	
H.58				Definition of Managerial Personnel	Undated		Revise	H.39	BN provided updated listing due to title changes.
H.59				Risk of Loss of Government Property	Undated		Delete	N/A	
H.60				Clarification for Preexisting Conditions & Nuclear Hazards Indemnity	Undated		Revise	H.40	
I.47			52.227-3	Patent Indemnity		Modified	Move from I.47 to H; Text modified.	H.41	Renamed "Patent Indemnity in Subcontracts (Special)" no cite, per OAK/OPC memo dtd. 8/19/99 add special language.
N/A			52.227-16	Additional Technical Data Requirements (Special)	Undated		Add	H.42	"Additional Technical Data Requirements (Special)" no cite. Per OAK/OPC memo dtd. 8/19/99 add special language.

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.49				Rights to Proposal Data (Special)	Undated		Move from I.49 to H; Text modified	H.43	"Rights to Proposal Information (Special)", no cite, per OAK/OPC memo dtd. 8/19/99 add special language.
I.69			952.202-1 (Now refer to 52.202-1)	Definitions	Sep-91		Update & use Alternate I	I.1	Update and use Alternate I - Label as "52.201-1 Definitions (OCT 1995) Alternate I (APR 1984)(As modified by DEAR 952.202-1, Feb 1997)
I.1			52.203-1	Officials Not to Benefit	Apr-84		Delete	N/A	
I.2			52.203-3	Gratuities	Apr-84		No change	I.2	
I.3			52.203-6	Restrictions on Subcontractor Sales to the Government	Jul-85		Update Jul-95	I.3	
I.4			52.203-7	Anti-Kickback Procedures	Oct-88		Update Jul-95	I.4	
N/A			52.203-8	Cancellation, Rescission, & Recovery of Funds for Illegal or Improper Activity			Add Jan-97	I.5	
I.5			52.203-9	Requirement for Certificate of Procurement Integrity - Modification	Nov-90		Delete	N/A	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.6			52.203-10	Price or Fee Adjustment of Illegal or Improper Activity	Sep-90	Modified	Update Jan-97	I.6	No modification to new clause is required.
I.7			52.203-12	Limitation on Payments to Influence Certain Federal Transactions	Jan-90		Update Jun-97	I.7	
I.8			52.203-13	Procurement Integrity - Service Contracting	Sep-90		Delete	N/A	
N/A			52.204-4	Printing/Copying Double-Sided on Recycled Paper			Add Jun-96	I.8	
I.9			52.209-6	Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment	Nov-92		Update Jul-95	I.9	
I.10			52.212-13 (S/B 52.242-15)	Stop-Work Order - Alternate I (Cost Reimbursement Only)	Apr-84		Correct Cite to 52.242-15 Aug-98	F.3	Moved to Section F per UCF
I.11			52.215-33 (S/B 52.215-8)	Order of Precedence [- Uniform Contract Format]	Jan-86		Update Oct-97 & Correct Cite to 52.215-8	I.10	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.12			52.219-8	Utilization of Small Business Concerns & Small Disadvantaged Business Concerns	Feb-90		Update Oct-99 (FAC 97-13)	I.11	
I.13			52.219-9	Small Business & Small Disadvantaged Business Subcontracting Plan	Jan-91		Update Oct-99 (FAC 97-13)	I.12	
I.14			52.219-13	Utilization of Women-Owned Small Businesses	Aug-86		Delete	N/A	Part of 52.219-9
I.15			52.219-16	Liquidated Damages - Small Business Subcontracting Plan	Aug-89		Update Jan-99	I.13	
I.16			52.220-3	Utilization of Labor Surplus Area Concerns	Apr-84		Delete	N/A	
I.17			52.220-4	Labor Surplus Area Subcontracting Program	Apr-84		Delete	N/A	
I.18			52.222-1	Notice to the Government of Labor Disputes	Apr-84		Update to Feb-97	I.14	
I.19			52.222-3	Convict Labor	Apr-84		Update Aug-96	I.15	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.20			52.222-4	Contract Work Hours & Safety Standards Act-- Overtime Compensation	Mar-86		Update Jul-95	I.16	
I.21			52.222-6	Davis-Bacon Act	Nov-92		Update Feb-95	I.17	
I.22			52.222-7	Withholding of Funds	Feb-88		No change	I.18	
I.23			52.222-8	Payrolls & Basic Records	Feb-88		No change	I.19	
I.24			52.222-9	Apprentices & Trainees	Feb-88		No change	I.20	
N/A			52.222-10	Compliance with Copeland Act Requirements			Add Feb-88	I.21	Inclusion per Matrix
I.25			52.222-11	Subcontracts (Labor Standards)	Feb-88		No change	I.22	
N/A			52.222-12	Contract Termination - Debarment			Add Feb-88	I.23	Inclusion per Matrix - BN Agreed to add 9/1/99
I.26			52.222-13	Compliance with Davis-Bacon & Related Act Regulations	Feb-88		No change	I.24	
I.27			52.222-14	Disputes Concerning Labor Standards	Feb-88		No change	I.25	
I.28			52.222-15	Certification of Eligibility	Feb-88		No change	I.26	
I.29			52.222-16	Approval of Wage Rates	Feb-88		No change	I.27	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.30			52.222-17	Labor Standards for Construction Work Facilities Contracts	Feb-88		No change	I.28	
I.31			52.222-20	Walsh-Healey Public Contracts Act	Apr-84		Update Dec-96	I.29	
N/A			52.222-21	Prohibition of Segregated Facilities			Add Feb-99	I.30	Inclusion per Matrix - BN agreed to add 9/1/99
I.32			52.222-26	Equal Opportunity	Apr-84		Update Feb-99	I.31	
N/A			52.222-27	Affirmative Action Compliance Requirements for Construction			N/A	N/A	Not added.
I.33			52.222-28	Equal Opportunity Preaward Clearance of Subcontracts	Apr-84	Modified	Delete	N/A	
I.34			52.222-35	Affirmative Action for Special Disabled and Vietnam Era Veterans	Apr-84		Update Apr-98	I.32	
I.35			52.222-36	Affirmative Action for Handicapped Workers	Apr-84		Update Jun-98	I.33	
I.36			52.222-37	Employment Reports on Special Disabled Veterans & Veterans of the Vietnam Era	Jan-88		Update to Jan-99	I.34	
I.37			52.223-2	Clean Air & Water	Apr-84		No change	I.35	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.38			52.223-3	Hazardous Material Identification & Material Safety Data	Nov-91	Modified	Update to Jan-97 Alternate I	I.36	No modification of language in the new clause.
N/A			52.223-5	Pollution Prevention & Right-to-know Information			Add Apr-98	I.37	Inclusion per Matrix - BN agreed 9/1/99
N/A			52.223-12	Refrigeration Equipment and Air Conditioners			Add May-95	I.38	Inclusion per Matrix - BN agreed 9/23/99
I.39			52.224-1	Privacy Act Notification	Apr-84		No change	I.39	
I.40			52.224-2	Privacy Act	Apr-84		No change	I.40	
N/A			52.225-5	Buy American Act-Construction Materials			N/A	N/A	Not added.
I.41			52.225-11	Restrictions on Certain Foreign Purchases	May-92		Update Aug-98	I.41	
I.42				Patent Rights	Undated	Deviation	Update 970.5204-72 Mar-95 (Modified)	I.111	Modified clause per OAK/OPC memo dated 8/19/99
I.43			52.227-1	Authorization & Consent	Apr-84	Modified	Update Jul-95, Alt 1 (Modified)	I.42	Modified clause per OAK/OPC memo dated 8/19/99
I.44			52.227-2	Notice & Assistance Regarding Patent & Copyright Infringement	Apr-84	Modified	Update Aug-96	I.43	No modification per OAK/OPC memo dated 8/19/99

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.45			52.227-6	Royalty Information	Apr-84	Modified	Update to add Para C from existing clause	I.44	Modified clause per OAK/OPC memo dated 8/19/99; OPC verbally advised 9/24 to mark as " Deviation "
I.47			52.227-3	Patent Indemnity		Modified	Move from I.47 to H; Text modified.	H.41	"Patent Indemnity in Subcontracts (Special)" no cite. Per OAK/OPC memo dtd. 8/19/99 add special language.
I.49				Rights to Proposal Data (Special)	Undated		Move from I.49 to H; Text modified	H.43	Rights to Proposal Information (Special) no cite. Per OAK/OPC memo dtd. 8/19/99 add special language.
I.51			52.230-2	Cost Accounting Standards	Aug-92		Update to Apr-98	I.45	
I.52			52.230-5	Administration of Cost Accounting Standards	Aug-92		Correct Cite to 52.230-6 & Update to Apr-96	I.46	52.230-6 is correct cite. (52.230-5 is for Educational Institutions)
I.53			52.232-17	Interest	Jan-91		Update to Jun-96	I.47	
I.54			52.233-1	Disputes Alternate I	Mar-94		Update Clause to Dec-98; Alt 1 remains as Dec-91	I.48	Disputes Clause dtd Dec-98 Alt 1 dtd Dec-91

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.55			52.233-3	Protest After Award Alternate I	Jun-85		Update Clause to Aug-96; Alt 1 remains as June-85	I.49	Clause dtd Aug-96 Alt 1 dtd Jun-85
N/A			52.237-2	Protection of Government Buildings, Equipment, and Vegetation	Apr-84		No change	N/A	Inclusion per Matrix - Not added/BN does not accept.
I.56			52.237-3	Continuity of Services	Jan-91	Modified	No change	I.50	
I.57			52.242-1	Notice of Intent to Disallow Costs	Apr-84		No change	I.51	
I.58			52.242-13	Bankruptcy	Apr-91		Update Jul-95	I.52	
I.59			52.243-7	Notification of Changes	Apr-84		No change	I.53	
I.60			52.244-5	Competition in Subcontracting	Apr-84		Update Dec-96	I.54	
I.119b	11/26/96	M013	52.244-6	Subcontracts for Commercial Items & Commercial Components	Oct-95		Update Oct-98	I.55	
I.61			52.247-1	Commercial Bill of Lading Notations	Apr-84		Correct BN K number/ address	I.56	Original contract had DOE/AL contract number & Carlsbad, NM address listed.
I.62			52.247-63	Preference for U.S. Flag Air Carriers	Apr-84		Update Jan-97	I.57	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.63			52.247-64	Preference for Privately Owned U.S. Flag Commercial Vessels	Apr-84		Update Jun-97	I.58	
I.64			52.249-14	Excusable Delays	Apr-84		No change	I.59	
I.119a	1/1/96	M001	52.250-1	Indemnification Under PL 85-804	Apr-84	Modified	No change	I.60	Label as Alt 1; text is Alt. 1 language.
I.65			52.251-1	Government Supply	Apr-84	Modified	No change	I.61	
I.66			52.251-2	Interagency Fleet Management System Vehicles & Related Services	Jan-91		No change	I.62	
I.67			52.252-6	Authorized Deviations in Clauses	Apr-84		No change	I.63	
I.68			52.253-1	Computer Generated Forms	Jan-91		No change	I.64	
I.70			952.204-2	Security	Jan-93	Modified AL 92-2R	Update Sep-97	I.65	
I.71			952.204-70	Classification	Jan-93	AL 92-2R	Update Sep-97	I.66	
I.72			952.204-71	Sensitive Foreign Nations Control	Apr-84		Update Apr-94	I.67	
N/A			952.204-74	Foreign Owership Control or Influence Over Contractor			Add Deviated Clause per AL 99-03	I.68	Replaces I.83 - AL 99-03 was issued to provide an authorized deviation for the use of the 952 clause pending formal revision of the current DEAR clause for FOCI.
I.73			952.208-7	Tagging of Leased Vehicles	Apr-84		No change	I.69	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.74	2/13/97	M017	952.209-72	Organizational Conflicts of Interest	Jun-96	Modified	Update Jun-97 Alt 1	I.70	Add Alternate 1 to title
I.75			952.217-70	Acquisition of Real Property	Apr-84		No change	I.71	
I.76			952.224-70	Paperwork Reduction Act	Apr-84		Update Apr-94	I.72	
I.77			952.250-70	Nuclear Hazards Indemnity Agreement	Jan-92		Update Jun-96	I.73	Budd has date of 10/1/90 - Check date
I.78			952.251-70	Contractor Employee Travel Discounts	Apr-89	Modified	Update Jun-95	I.74	
I.79			970.5203-1	Covenant Against Contingent Fees	Apr-84		No change	I.75	
I.80			970.5203-2	Examination of Records by Comptroller General	Feb-93		Delete	N/A	
I.81			970.5203-3	Buy American Act-Supplies	Jan-89		Update Jan-94	I.76	
N/A			970.5204-1(b)	Counterintelligence			Add Sep-97	I.77	Inclusion per Matrix
I.119c	1/12/98	M036	970.5204-2	Integration of ES&H Into Work Planning & Execution	Jun-97		No change	I.78	
I.82			970.5204-9	Accounts, Records, & Inspection	Undated		Update FR PropRule 11/98	I.79	BN accepted.
I.83			970.5204-10	Foreign Owership Control or Influence Over Contractor	Apr-84		Delete	N/A	Replaced by DEAR 952.204-74 per AL 99-03.
I.84			970.5204-11	Changes	Apr-84		No change	I.80	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.85			970.5204-12	Contractor's Organization	Apr-84	Modified	Update Jul-94	I.81	
I.86	1/12/98	M036	970.5204-13	Allowable Costs & Fixed Fee (M&O Contracts)	Undated	Modified	Update FR PropRule 11/98	I.82	BN accepted
I.87			970.5204-15	Obligation of Funds	Undated	Modified	Update FR PropRule 11/98	I.83	BN accepted
I.88	1/12/98	M036	970.5204-16	Payments & Advances	Jun-97	Modified	Update FR PropRule 11/98	I.84	BN accepted
I.89			970.5204-17	Legislative Lobbying Cost Prohibition	Jun-88		Update Dec-97	I.85	New Name - "Political Activity Cost Prohibition"
I.90	5/13/97	M024	970.5204-19	Printing	Apr-84	Deviation	No change	I.86	
I.91			970.5204-20	Management Controls	Jan-92	Modified	Update FR PropRule 11/98	I.87	BN accepted
I.92	1/12/98	M036	970.5204-21	Property	Jun-97	Modified	No change	I.88	
I.93	5/13/97	M024	970.5204-22	Contractor Purchasing System	Oct-90	Deviation	Update Nov-97	I.89	No deviation at this time. Follow-up mod with request for deviation.
I.94			970.5204-23	State & Local Taxes	Apr-84		No change	I.90	
I.95			970.5204-24	Subcontractor Cost or Pricing Data	Apr-84	Modified	Delete	N/A	Covered by 970.5204-44 - Flowdowns
I.96			970.5204-25	Workmanship & Materials	Apr-84		No change	I.91	
I.97			970.5204-27	Consultant or Other Comparable Employment Services	May-89		No change	I.92	
I.98			970.5204-28	Assignment	Apr-84		No change	I.93	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.99			970.5204-29	Permits or Licenses	Apr-84		No change	I.94	
I.100	1/12/98	M036	970.5204-31	Insurance - Litigation & Claims	Jun-97	Modified	No change	I.95	
I.101			970.5204-33	Priorities & Allocations	Jun-87		Update Apr-94	I.96	
I.102			970.5204-38	Government Facility Subcontract Approval	Apr-84		Update Apr-94	I.97	
N/A			970.5204-39	Acquisition & Use of Environmentally Preferable Products & Services	Oct-95		Add using Admin. Deviation f/Policy Flash 99-14	I.98	BN accepted
H.36			970.5204-40	Technology Transfer Mission	Jan-96		Add	I.99	Replaces H.36
I.103			970.5204-42	Key Personnel	Apr-84		No change	I.100	
I.104			970.5204-43	Other Government Contractors	Apr-84		Update Apr-94	I.101	
I.105			970.5204-44	Flowdown of Contract Requirements to Subcontracts	Aug-95		Update Feb-97	I.102	
I.106			970.5204-45	Termination	Apr-84	Modified	Update Oct-95	I.103	
I.107			970.5204-52	Foreign Travel	Apr-84		Update Feb-97	I.104	
H.48 H.55			970.5204-54	Total Available Fee: Base Fee Amount & Performance Fee Amount	Apr-99		Add Alt. 1 & 4	I.105	Replaces H.48 and H.55 - Alternates 1 & 4 - BN accepted

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.108			970.5204-58	Workplace Substance Abuse Programs @ DOE Sites	Aug-92		No change	I.106	
I.109			952.5204-59	Whistleblower Protection for Contractor Employees	Jan-93		Update Apr-99	I.107	
I.110	5/13/97	M024	970.5204-60	Facilities Management	Aug-93	Deviation	Update Nov-97	I.108	No deviation at this time. Follow-up mod with request for deviation.
I.111	1/12/98	M036	970.5204-61	Cost Prohibitions Related to Legal & Other Proceedings	Jun-97		No change	I.109	
I.112			970.5204-63	Collective Bargaining Agreements--M&O Contracts	Aug-93		No change	I.110	
H.35			970.5204-72	Patent Rights-Profit Making M&O Contractors			Add 970.5204-72 Mar-95 (Modified)	I.111	Replaces H.35 Modified language provided by OAK/OPC memo dtd. 8/19/99; include cite.
H.34			970.5204-73	Notice Regarding Options	Jun-96		Add	I.112	Replaces H.34
I.113	1/12/98	M036	970.5204-75	Preexisting Conditions	Jun-97		No change	I.113	
I.120	1/12/98	M036	970.5204-76	Make or Buy Plan	Jun-97		No change	I.114	
I.121	1/12/98	M036	970.5204-77	Workforce Restructuring Under Sec. 3161 of the Nat'l Defense Authorization Act for Fiscal Year	Jun-97		No change	I.115	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.122	1/12/98	M036	970-5204.78	Laws, Regulations & DOE Directives	Jun-97		No change	I.116	Revised Appendix to Update
I.123	1/12/98	M036	970-5204-79	Access to & Ownership of Records	Jun-97		No change	I.117	
I.118	1/12/98	M036	970.5204-80	Overtime Management	Jun-97		No change	I.118	
H.37			970.5204-81	Diversity Plan	Dec-97		Add	I.119	Replaces H-37
I.48			970.5204-83	Rights in Data - Technology Transfer Activities	AL 91-7	Deviation	Update 970.5204-83 Feb-98 Alt 1	I.120	970.5204-83 "Rights in Data - Technology Transfer" with Alternate I (Feb 98) per OAK/OPC memo dtd. 8/19/99. No deviation.
N/A			970-5204-85	Reduction or Suspension of Advance, Partial, or Progress Payments	Dec-97		Add	I.121	
H.49			970.5204-86	Conditional Payment of Fee, Profit, or Incentives	Apr-99		Add	I.122	Replaces H-49
H.45			970.5204-87	Cost Reduction	Apr-99		Add	I.123	Replaces H.45
I.114			970.5204-XX	Costs Associated w/Discriminatory Employee Actions	Undated		Delete	N/A	Not a clause prescribed by regulation; No formal rule-making by HQ. OCC recommends deletion.
I.115			970.5204-XX	Financial Management System	Undated		Update FR PropRule 11/98	I.124	BN accepted
I.116			970.5204-XX	Integrated Accounting	Undated		Update FR PropRule 11/98	I.125	BN accepted

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
I.117			970.5204-XX	Liability w/Respect to Cost Accounting Standards	Undated		Update FR PropRule 11/98	I.126	BN accepted
I.50			DOE PR 9-9.106	Classified Inventions	Undated		No change	I.127	Per OAK/OPC memo dtd 8/19/99.
I.46			970.2701 DOE PR 9-0.110	Reporting of Royalties	Undated	Modified	Revise to Modify (add para B)	I.128	Modified clause per OAK/OPC memo dated 8/19/99

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
Original Contract Appendix	As Previously Modified	Mod No.	Clause	Title	Date	Modified/Deviated	Option Mod.	New Appendix No.	Notes
A				Advance Understandings for Human Resources For Profit Contractors			Update	A	
B		M036 M011		Guidance for Environmental, Safety & Health Management Plan			Delete	N/A	
C				Sensitive Foreign Nations Control			Update	B	
D				Guidance for Preparation of a Diversity Plan			No Change	C	Referred to in the new Diversity clause. Retain for reference.
E				Special Financial Institution Account Agreement			No Change	D	
F				Subcontracting Plan			Update	E	
G				Work Authorization Directives FY 1996			Delete	N/A	
H		M050 M023 M017 M005		Performance Criteria & Measures			Delete	N/A	Incorporated by reference.
I		M024 M017		DOE Directives			Update	F	Revised language accepted - Lists to be posted on Home Page in near future.
J				Promises & Commitments			Update	G	

Appendix I
Crosswalk of Clauses
Original BN Contract to Option Modification

Original Contract	As Previously Modified	Mod No.	Clause	Title	Sections B-I Date	Modified/Deviated	Option Mod.	New Clause No.	Notes
K		M039		Advance Understandings for Naval Petroleum Reserves in California - Medical & Dental Coverage			Revise	H	
N/A				Cross-Walk of Clauses - Original Contract to Option Modification			Add	I	Excel spreadsheet from Contract Review