AMENDMENT OF SOLICITATION	MODIFICATION OF	CONTRACT	ITRACT 1. CONTRACT ID CO		DDE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. M177	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PI	URCHASE REQ. NO. 5. PROJECT N			CT NO. (If applicable)
6. ISSUED BY CODE U.S. Department of Energy Oak Ridge Office Procurement and Contracts Division ATTN: Mark A. Million P.O. Box 2001 Oak Ridge, TN 37831-8758		7. ADMINISTERED	BY (If othe	r than Item 6)	CODE	L
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State a	nd ZIP Code)		9A. AMENI	DMENT OF	SOLICITATION NO.
UT-Battelle, LLC Attn: Michael J. Frietze, Director Prime Contract Administration Post Office Box 2008 Oak Ridge, TN 37831-6231		•			ICATION OF	CONTRACT/ORDER NO.
CODE	FACILITY CODE			Octobe	er 18, 1999	·
11.	THIS ITEM APPLIES TO	AMENDMENTS OF S	OLICITATI	ONS		
Offers must acknowledge receipt of this amendm (a) By completing Items 8 and 15, and returning offer submitted; or (c) By separate letter or telegr ACKNOWLEDGEMENT TO BE RECEIVED AT SPECIFIED MAY RESULT IN REJECTION OF Y may be made by telegram or letter, provided eac opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DAT	copies of the am which includes a refere THE PLACE DESIGNATED OUR OFFER. If by virtue h telegram or letter makes	amendment; (b) By a ence to the solicitation FOR THE RECEIPT of this amendment you	knowledgi and amend OF OFFER desire to d	ng receipt of t ment number S PRIOR TO change an off	this amendr s. FAILUR THE HOUI fer already s	nent on each copy of the E OF YOUR R AND DATE submitted, such change
	EM APPLIES ONLY TO M DIFIES THE CONTRACT/C					
CHECK ONE A. THIS CHANGE ORDER IS ISS	• •	• • • • • • • • • • • • • • • • • • • •				
THE CHANGES SET FORTH	IN ITEM 14 ARE MADE IN	THE CONTRACT/OR	DER NO. II	NITEM 10A.		
B. THE ABOVE NUMBERED COl paying office, appropriation dat						
C. THIS SUPPLEMENTAL AGRE	EMENT IS ENTERED INT	O PURSUANT TO AU	THORITY	DF:	•	
D. OTHER (Specify type of modifi Clause I-112 and P.L. 95-91	ication and authority)					
E. IMPORTANT: Contractor is not, it	s required to sign this do	cument and return	2	coples to the	e issuing o	office.
14. DESCRIPTION OF AMENDMENT/MODIFIC	•	-	luding solid	citation/contra	ct subject i	natter where feasible.)
The purpose of this modification is attached hereto.	to revise Appendix E	by incorporating F	Requirem	ents Chan	ge Notice	No. OR-31
Except as provided herein, all terms and conditions of the						
15A. NAME AND TITLE OF SIGNER (Type or)	print)		ND TITLE	OF CONTRA	CTING OF	FICER (Type or print)
Greg L. Turner Chief Financial Officer			cting Off	icer		
15B. CONTRACT/OFFEROR	15C. DATE SIGNE	D 16B. UNITED	STATES C	F AMERICA		16C. DATE SIGNED
BY Great Turner (Signature of person authorized to sign)	- 1/11/200	BY Man (Sig	nature of C	ontracting Of		1/14/08

NSN 754	0-01-152	-8070
Previous	edition u	nusable

(Signature of Contracting Officer) STANDARD FORM 30 (REV. 10-83 Prescribed by GSA FAR (48 CFR 53.24

(04/1991)				RCN No. OR-31
REQ	U.S. Department of UIREMENTS CHA	•••	CE	Page 1 of 10
PROJECT: Contract	Baseline Documentation		LOCATION: O	ak Ridge, Tennessee
CONTRACTOR: U	T-Battelle, LLC			
CONTRACT NO.:	DE-AC05-00OR22725, Clau Regulations, and DOE Direc 1997), DEAR 970.5204-78		DATE OF CON	TRACT: April 1, 2000
attached list of applical accordance with the ab representation of enviro their applicability can of	inge Notice (RCN) No. OR-31 in ble documents, which have been a ove-referenced clause. This is a c onment, safety, and health (ES&H only be obtained from specific WS have an ES&H footnote. Changes herein:	assessed against the t complete numbered 1 I) requirements. Info SS sets and S/RID fu	erms and condition ist of administrative ormation regarding inctional areas sets.	s of the subject contract in e requirements and a ES&H-related directives a ES&H-related directives
	EXECUTIVE SUMM	IARY OF DIRECT	IVE CHANGES	
<u>ADDITIONS:</u> DOE M 475.1-1B	DOE N 206.4	DOE O 22	6.1A DOE C	D 475.2
DELETIONS: DOE M 475.1-1A	DOE N 206.3	DOE O 22	26.1	
EXTENSIONS:				
<u>UPDATES:</u> WSS Set 1 , Change WSS Set 10 , Change			•	
DOE M 205.1-4, Imp DOE O 210.2, Imple DOE O 205.1A, Imp	I PLANS (REVISED COMPLIA Dementation Plan, submitted mentation Plan, closed lementation Plan, submitted upliance Line 1: Attachment 2,		ementation Plan,	Revision 1, submitted
ADMINISTRATIVE	CORRECTION:			
DOE AUTHORIZIN	G SIGNATURE:	E	DATE:	
M. J. Bran	1 .		12/19/07	

D		ves may be found at the follow http://www.directives.doe.gov/	0	ess:
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
DOE O 110.3A	01/25/2007	Conference Management		
DOE O 130.1	09/29/1995	Budget Formulation		
DOE M 140.1-1B	03/30/2001	Interface with the Defense Nuclear Facilities Safety Board		
DOE O 142.1	01/13/2004	Classified Visits Involving Foreign Nationals		
DOE O 142.2A	12/15/2006	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency		
DOE O 142.3	06/18/2004	Unclassified Foreign Visits and Assignments Program		
DOE O 151.1C, Attachment 2	11/02/2005	Comprehensive Emergency Management System		ES&H-related Directive included in S/RID. See Footnote (2).
Compliance Line: Implemen	itation Plan appi	roved by DOE on 10/14/2006.		
DOE N 153.2	08/11/2003	Connectivity to National Atmospheric Release Advisory Center (NARAC)		ES&H-related Directive included in S/RID. See Footnote (2).
DOE M 200.1-1, Chapter 9	02/15/2000	Telecommunications Security Manual		
DOE O 200.1	09/30/1996	Information Management Program		
DOE N 203.1	10/02/2000	Software Quality Assurance		Expiration date extended to 12/31/2001 by DOE N 251.40.
DOE M 205.1-3	04/17/2006	Telecommunications Security Manual		
DOE M 205.1-4	03/08/2007	National Security System Manual		
Compliance Line: Implem	nentation Plan	submitted to DOE on 11/15/2007.		
DOE N 205.10	02/19/2004	Cyber Security Requirements for Risk Management		Expiration date extended to 03/18/2006 by DOE N 205.15.
DOE O 205.1A	12/04/2006	Department of Energy Cyber Security Management		
Compliance Line: Implem	nentation Plan	submitted to DOE on 10/11/2007.		
DOE N 205.11	02/19/2004	Security Requirements for Remote Access to DOE and Applicable Contractor Information Technology Systems		Expiration date extended to 03/18/2006 by DOE N 205.15.
Compliance Line: Implemen	itation Plan (Rev	vision 1) approved by DOE on 08/28/200)6.	
DOE N 205.2	11/01/1999	Foreign National Access to DOE Cyber Systems		Expiration date extended to 09/30/2006 by DOE N 205.16.

DOE Directives may be found at the following address:					
	<u>l</u>	nttp://www.directives.doe.gov	<u>/</u>		
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments	
DOE N 205.3	11/23/1999	Password Generation, Protection, and Use		Expiration date extended to 09/30/2006 by DOE N 205.16.	
DOE N 205.8	02/11/2004	Cyber Security Requirements for Wireless Devices and Information Systems		Expiration date extended to 03/18/2006 by DOE N 205.15.	
DOE N 205.9	02/19/2004	Certification and Accreditation Process for Information Systems Including National Security Systems		Expiration date extended to 03/18/2006 by DOE N 205.15.	
DOE N 206.4	06/29/2007	Personal Identity Verification			
DOE O 210.2	06/12/2006	DOE Corporate Operating Experience Program			
DOE O 221.1	03/22/2001	Reporting Fraud, Waste, and Abuse To The Office of Inspector General			
DOE O 221.2	03/22/2001	Cooperation With The Office of Inspector General			
DOE O 225.1A, Attachment 1	11/26/1997	Accident Investigation			
DOE O 226.1A	07/31/2007	Implementation of Department of Energy Oversight Policy			
DOE M 231.1-2	08/19/2003	Occurrence Reporting and Processing of Operations Information		ES&H-related Directive included in S/RID. See Footnote (2).	
DOE O 241.1A	04/09/2001	Scientific and Technical Information Management	1 10/14/2003		
DOE O 243.1	02/03/2006	Records Management Program			
Compliance Line: Impleme	ntation Plan, Rev	ision 1, approved by DOE on 04/18/200)7.		
DOE O 243.2	02/02/2006	Vital Records			
DOE M 251.1-1B	08/16/2006	Departmental Directives Program Manual			
DOE O 251.1B	08/16/2006	Departmental Directives Program			
DOE O 252.1	11/19/1999	Technical Standards Program			
DOE O 350.1	09/30/1996	Contractor Human Resource Management Programs	1 05/08/1998		
DOE O 350.2A	10/29/2003	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area			
DOE O 413.1A	04/18/2002	Management Control Program			
DOE O 413.2B	04/19/2006	Laboratory Directed Research and Development			

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Appendix E Baseline List of Required Compliance Documents

DOE Directives may be found at the following address:				
	<u> </u>	http://www.directives.doe.gov	<u>/</u>	
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
DOE M 413.3-1, except Chapters 1 through 3	03/28/2003	Project Management for the Acquisition of Capital Assets		
DOE O 413.3A	07/28/2006	Program and Project Management for the Acquisition of Capital Assets		
DOE O 414.1C	06/17/2005	Quality Assurance		ES&H-related Directive included in WSS. See Footnote (2).
Compliance Line: Implemer	ntation Plan, Rev	ision 1, approved by DOE on 12/08/200)6.	
DOE O 420.1B, Attachment 2, Chapter II	12/22/2005	Facility Safety		Administrative Directive (with implementation assumptions) added to the Appendix E Baseline List B. See Footnote (3)
DOE O 420.1B	12/22/2005	Facility Safety		ES&H-related Directive included in WSS. See Footnote (2).
Attachment 2, Chapter I Compliance Line 2: Implem	II. entation Plan ap	proved by DOE on 01/22/2007 for DOE	O 420.1B, At	achment 2, Chapter IV.
Compliance Line 3: Implem	entation Plan ap	proved by DOE on 11/30/2006 for DOE	0 420.1B, At	tachment 2, Chapter V.
DOE O 420.2B	07/23/2004	Safety of Accelerator Facilities		ES&H-related Directive included in WSS. See Footnote (2).
DOE 0 425.1C	03/13/2003	Startup and Restart of Nuclear Facilities		ES&H-related Directive included in WSS. See Footnote (2).
DOE O 430.1B	09/24/2003	Real Property Asset Management		
DOE O 430.2A	04/15/2002	Departmental Energy and Utilities Management		
DOE O 433.1A	02/13/2007	Maintenance Management Program for DOE Nuclear Facilities		ES&H-related Directive included in WSS. See Footnote (2).
Compliance Line: Implemer	ntation is in acco	rdance with a Maintenance Implementa	tion Plan requ	ired by the Order.
DOE M 435.1-1	07/09/1999	Radioactive Waste Management Manual		ES&H-related Directive included in WSS. See Footnote (2).
DOE O 435.1	07/09/1999	Radioactive Waste Management	1	ES&H-related Directive included in WSS. See Footnote (2).
DOE O 440.2B	11/27/2002	Aviation Management and Safety	1 11/19/2006	ES&H-related Directive included in WSS. See Footnote (2).

DOE Directives may be found at the following address: http://www.directives.doe.gov/				
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
DOE M 442.1-1	11/16/2006	Differing Professional Opinions Manual for Technical		
DOE O 442.1A	06/06/2001	Department of Energy Employee Concerns Program		
DOE 0 443.1	05/15/2000	Protection of Human Subjects		
DOE O 450.1	01/15/2003	Environmental Protection Program	1 01/03/2007	ES&H-related Directive included in WSS. See Footnote (2). This DOE Order is Administrative Change 1.
DOE M 450.3-1	01/25/1996	The Department of Energy Closure Process for Necessary and Sufficient Sets of Standards		
DOE M 450.4-1	11/01/2006	Integrated Safety Management System Manual		
DOE O 460.1B	04/04/2003	Packaging and Transportation Safety		ES&H-related Directive included in WSS. See Footnote (2).
DOE O 470.2B	10/31/2002	Independent Oversight and Performance Assurance Program		
DOE O 470.3A	11/29/2005	Design Basis Threat Policy		
Compliance Line: Implement	ntation Plan app	oved on 05/05/2006.		·
DOE M 470.4-1	08/26/2005	Safeguards and Security Program Planning and Management	1 03/07/2006	
Compliance Line: Implement	ntation Plan app	oved by DOE on 08/28/06.		·
DOE M 470.4-2	08/26/2005	Physical Protection	1 03/07/2006	
Compliance Line: Implemer	ntation Plan app	roved by DOE on 04/10/2007.		
DOE M 470.4-3	08/26/2005	Protective Force	1 03/07/2006	
Compliance Line: Implement	ntation Plan app	roved by DOE on 08/28/06.		
DOE M 470.4-4	08/26/2005	Information Security	1 06/29/2007	
DOE M 470.4-5	08/26/2005	Personnel Security		
DOE M 470.4-6	08/26/2005	Nuclear Material Control and Accountability	1 08/14/2006	
DOE M 471.1-1	06/30/2000	Identification and Protection of Unclassified Controlled Nuclear Information Manual	1 10/23/2001	Expiration date extended to 07/07/2006 by DOE N 251.64.
DOE 0 471.1A	06/30/2000	Identification and Protection of Unclassified Controlled Nuclear Information		Expiration date extended to 07/07/2006 by DOE N 251.64.

DOE Directives may be found at the following address: http://www.directives.doe.gov/				
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
DOE M 471.2-3A	07/11/2002	Special Access Program (SAP) Policies, Responsibilities, and Procedures Manual		
DOE M 471.3-1	04/09/2003	Manual for Identifying and Protecting Official Use Only Information		
DOE 0 471.3	04/09/2003	Identifying and Protecting Official Use Only Information		
DOE M 475.1-1B	08/28/2007	Manual for Identifying Classified Information		
DOE 0 475.1	12/10/2004	Counterintelligence Program		
DOE O 475.2	08/28/2007	Identifying Classified Information		
DOE M 481.1-1A	01/03/2001	Reimbursable Work For Non-Federal Sponsors Process Manual	1 09/28/2001	
DOE O 482.1	01/12/2001	DOE Facilities Technology Partnering Programs		
DOE M 483.1-1	01/12/2001	DOE Cooperative Research and Development Agreements Manual		
DOE O 483.1	01/12/2001	DOE Cooperative Research and Development Agreements		
DOE O 484.1	08/17/2006	Reimbursable Work for the Department of Homeland Security		
DOE 0 522.1	11/03/2004	Pricing of Departmental Materials and Services		
DOE O 534.1B	01/06/2003	Accounting		
DOE O 551.1B	08/19/2003	Official Foreign Travel		
DOE M 573.1-1	07/12/2000	Mail Services User's Manual		
DOE O 580.1	12/07/2005	Department of Energy Personal Property Management Program		
DOE Technical Direction CIAC 628, 632	07/27/2006	System Searches for Cyber Incident Advisory Capability (CIAC) Number 628 and 632 Files		
DOE-STD-1090-2004	06/01/2004	Hoisting and Rigging Standard (Formerly Hoisting and Rigging Manual)		ES&H-related Directive included in WSS. See Footnote (2).
Compliance Line: Impleme	ntation Plan, Rev	ision 1, approved by DOE on 03/10/200)6.	
DOE-STD-1186-2004	08/01/2004	Specific Administrative Controls		ES&H-related Directive included in WSS. See Footnote (2).
Compliance Line: Impleme	ntation Plan, Rev	ision 1, approved by DOE on 11/30/200)6.	

DOE Directives may be found at the following address: http://www.directives.doe.gov/				
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
DOE O 1340.1B	01/07/1993	Management of Public Communications Publications and Scientific, Technical, and Engineering Publications		
DOE O 1350.1	10/28/1981	Audiovisual and Exhibits Management	1 03/26/1984	
DOE O 1450.4	11/12/1992	Consensual Listening-In To Or Recording Telephone/Radio Conversations		
DOE O 2340.1C	06/08/1992	Coordination of General Accounting Office Activities		See Footnote (1).
DOE O 5400.5	02/08/1990	Radiation Protection of the Public and the Environment		ES&H-related Directive included in WSS. See Footnote (2).
DOE O 5480.19	07/09/1990	Conduct of Operations Requirements for DOE Facilities	2 10/23/2001	ES&H-related Directive included in WSS. See Footnote (2).
Compliance Line: Implemen	itation Plan appr	oved 06/12/2002 for Change 1.		
DOE O 5480.20A	11/15/1994	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities	1 07/12/2001	ES&H-related Directive included in WSS. See Footnote (2).
DOE O 5560.1A	05/08/1985	Priorities and Allocations Program		
DOE O 5639.8A	07/23/1993	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities		
DOE O 5660.1B	05/26/1994	Management of Nuclear Materials		

ORO Directives ORO Directives may be found at the following address: <u>http://www.ornl.gov/doe_oro_dmg/orchklst.htm</u>				
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
ORO O 130, Chapter II	05/15/1996	Shutdown of Departmental Operations Upon Failure by Congress to Enact Appropriations	5 06/24/2007	
ORO O 150, Chapter I	09/30/1996	Comprehensive Emergency Management System	6 04/22/2004	ES&H-related Directive included in S/RID. See Footnote (2).
ORO O 150, Chapter IV	05/31/1996	Radiological Assistance Program, (RAP)	3 02/08/2001	ES&H-related Directive included in S/RID. See Footnote (2).
ORO O 220, Chapter II	09/30/1996	Cooperation with the Office of Inspector General	4 09/06/2005	
ORO O 220, Chapter III	05/31/1996	Establishment of Management Decisions on Office of Inspector General Reports	5 05/02/2006	
ORO O 220, Chapter IV	05/31/1996	Coordination of General Accounting Office Activities	4 04/29/2005	
ORO O 220, Chapter VII	05/31/1996	Audit Resolution and Follow-up	5 05/08/2007	
ORO O 250, Chapter I	08/13/1996	ORO Standards Management Program Overview	5 04/18/2006	
ORO O 250, Chapter II	08/13/1996	ORO Directives System	6 04/18/2006	
ORO O 250, Chapter IV	08/13/1996	Impact Assessments	4 04/18/2006	
ORO O 250, Chapter V	08/13/1996	Development, Approval, and Maintenance of Work Smart Standards Sets	6 04/18/2006	
ORO O 250, Chapter VI	09/30/1996	Implementation Plans and Exemption Requests	5 04/18/2006	
ORO O 250, Chapter VII	08/13/1996	Maintenance of Standards/Requirements Identification Documents	4 04/18/2006	
ORO O 250, Chapter VIII	04/27/2001	Requirements Change Notices	2 04/18/2006	
ORO O 250, Chapter X	10/31/2003	DOE Directives System	1 04/18/2006	
ORO O 350, Chapter III	05/09/2006	Federal Labor Standards	4 05/09/2006	
ORO O 410, Chapter I	09/24/1996	Work Authorization	3 01/12/2004	
ORO O 410, Chapter II	05/31/1996	Management of Nuclear Materials	4 11/16/2006	
ORO O 420, Chapter XI	04/04/2000	Authorization Agreements	2 04/13/2007	

ORO Directives ORO Directives may be found at the following address: <u>http://www.ornl.gov/doe_oro_dmg/orchklst.htm</u>				
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
ORO O 420, Chapter XVI	08/28/2006	Fire Protection		Administrative Directive (with implementation assumptions) added to the Appendix E Baseline List B. See Footnote (3)
ORO O 430, Chapter II	06/14/1996	Energy and Utilities Management	4 08/21/2006	
ORO O 440, Chapter V	09/30/1996	Employee Concerns Management System	5 04/24/2007	
ORO O 470, Chapter I	09/30/1996	Safeguards and Security Program	3 10/29/2004	
ORO O 470, Chapter IX	05/15/1996	Control and Accountability of Nuclear Materials	5 05/18/2007	
ORO O 470, Chapter VII	05/15/1996	Protection and Control of Safeguards and Security Interests	5 03/08/2007	
ORO O 530, Chapter III	06/18/1996	Accounting	6 02/06/2007	
ORO O 550, Chapter II	09/26/2001	Foreign Travel Authorization,	2 01/22/2007	

List B - List of Applicable Directives

Work Smart Standards (WSS) Sets and Standards/Requirements Identification Documents (S/RIDs)

WSS Sets and S/RIDs can be found at the following address:

http://sbms.ornl.gov/sbms/wsshome/wss.html

Required Compliance Document	Approval Date	Title	Change # Approval Date	Notes and Comments		
WSS Set 1	07/25/1996	Other Industrial, Radiological, and Non-Radiological Hazard Facilities	57 09/20/2007			
WSS Set 2	09/30/1996	Radiochemical Research Facilities (Buildings 2026 and 5505)	18 04/16/2007			
WSS Set 3	09/30/1996	Accelerator Facilities	3 09/10/2004			
WSS Set 4	12/17/1996	Radioisotope Development Laboratory (Building 3047)	18 04/16/2007			
WSS Set 5	12/17/1996	Radiochemical Engineering Development Center (Buildings 7920, 7930, and Support Areas)	17 04/16/2007			
WSS Set 7	05/07/1997	Irradiated Materials Examination and Testing Facility and Irradiated Fuels Examination Laboratory (Buildings 3025E, 3525, and Support Areas)	17 04/16/2007			
WSS Set 8	05/07/1997	Construction and Construction-like Activities	8 02/20/2007			
WSS Set 9	04/14/1998	Engineering Design of Standard Industrial, Radiological, Non-Reactor Category 2 and 3 Nuclear, and Accelerator Facilities	8 06/21/2006			
WSS Set 10	09/10/1998	High Flux Isotope Reactor and its associated facilities	21 09/10/2007			
WSS Set 12	05/15/2000	Chem-Bio Facility (Building 5507A)	1 03/12/2002			
WSS Set 13	04/18/2003	Spallation Neutron Source	3 02/05/2007			
S/RID	11/20/1997	Occurrence Reporting	2 11/06/2003			
S/RID	11/05/1996	Emergency Management	9 03/09/2006			

FOOTNOTES:

- (1) This document is not directly applicable to the Contractor; it is included in the list of applicable documents because the Contractor must provide certain information or input to DOE in order for DOE to comply with requirements specified in the document.
- (2) This document is ES&H-related and appears in one or more of the current Work Standards (WSS) Sets or is incorporated in the Standards/Requirements Identification Document (S/RID). In an S/RID or WSS Set, the document may be referenced in its entirety or only certain chapters, paragraphs, or sections. Additional information regarding directives and their applicability may be obtained from specific WSS sets.
- (3) This is an Administrative Directive (with implementation assumptions) added to the Appendix E Baseline List B; These implementation assumptions are located at: <u>http://sbms.ornl.gov/SBMS/WSSHome/listbias.htm</u>