EXCEPTION TO SF 30, APPRO	OVED BY NARS 5/79					
AMENDMENT OF S	OLICITATION/MO		WINDS-222-1124-345 ALZBOOK	***********	ONTRACT ID CODE	PAGE 1 OF 4
2. AMENDMENT/MODI 315	FICATION NO.	3.EFFECTIVE DATE October 1, 2012	4. REQUISITION/F NA27344	PURCHA	SE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY	CODE		7. ADMINISTERED	BY (If ot	her than Item 6)	
U.S. Department of Er M&O Contract Suppo P.O. Box 5400 Albuquerque, NM 871	rt Division 85-5400		U.S. Department Livermore Site C 7000 East Avenu Livermore, CA	Office M e	05 .	
8. NAME AND ADDI	RESS OF CONTRACTOR (	No., street, country, State, an	nd ZIP Code)		9A. AMENDMENT SOLICITATION NO.	OF
Lawrence Livermore I Lawrence Livermore I 7000 East Avenue Livermore, CA 94550						
					9B. DATED (SEE IT	
				x	10A. MODIFICATION ORDER NO. DE-AC52-07NA2734	W
			- V		10B. DATED (SEE IT	EM 13)
CODE		FACILITY CODE	18		May 8, 2007	11
	11. THIS ITE	M ONLY APPLIES TO AM	MENDMENTS OF SOLIC	TATIO	NS .	
tended. Offers must acknowledge following methods: (a) By commendment on each copy on numbers. FAILURE OF YOU PRIOR TO THE HOUR AND change an offer already subsolicitation and this amendation.  12. ACCOUNTING AND see attached	ompleting Items 8 and 25, f the offer submitted; or (c) DUR ACKNOWLEDGEME D DATE SPECIFIED MANAMENTED, such change may ment, and is received prio APPROPRIATION DATA 13. THIS ITEM A	and returning copie ) By separate letter or teleg INT TO BE RECEIVED AT (RESULT IN REJECTION be made by telegram or let r to the opening hour and o	s of the amendment; (b) tram which includes a re THE PLACE DESIGNA OF YOUR OFFER. If by ter, provided each telegrate specified.	By acknown ference to FOI FOI virtue on am or les	owledging receipt of this to the solicitation and am THE RECEIPT OF OFF this amendment you de tter makes reference to the	endment ERS esire to
NO. IN ITEM 10A.	E ORDER IS ISSUED PURS	UANT TO: (Specify authority)  ORDER IS MODIFIED TO RI	THE CHANGES SET FOR	THINI	TEM 14 ARE MADE IN CO	-
appropriation a	lata, etc.) SET FORTH IN ITE	M 14, PURSUANT TO THE ENTERED INTO PURSUAN	AUTHORITY OF FAR 43.		CHANGES (such us chunges	in paying office,
X D. OTHER (Specif	y type of modification and autho	rity)				
Modification P		Clause B-2, CONTRA	CT TYPE AND VAI	LUE an	d Contract Clause I	H-15,
E. IMPORTANT: Contra	actor $\underline{\mathbf{X}}$ is not, is requ	ired to sign this document	and return _ copies to	he issuir	ng office.	
<ol> <li>DESCRIPTION OF A feasible.)</li> <li>The purpose of the Mounder Section VI of Con 2, 3, and 4 of this Modific Except as provided herein, all the feasible.</li> </ol>	odification is to authori sent Order 2010-01. Th cation.	ze the disbursement am e amount of \$284,642 sh	ount of \$284,642 in re all be utilized in accor	imburse dance v	ement of unallowable with the instructions s	costs issued et forth on pages
15A. NAME AND TITLE		cument referenced in them 723			F CONTRACTING OFF	
15B. CONTRACTOR/OF		15C. DATE SIGNED	Ronna Promani, U.S. Departmen	Contra t of Ene	acting Officer	16C. DATE SIGNED
(Signature of persor	authorized to sign)		By (Signature	of Contrac	ting Officer)	11/15/202
		30-	105		STANDA	RD FORM 30

Contract No. DE-AC52-07NA27344

Modification No.: 315

Page 2 of 4

- 1. The Contractor was authorized to draw-down from the liability account 24200001 the amount of \$284,642, which was to be applied to the projects listed on page 3 of modification 208. The list of projected changed over the two year period as work scope was further defined to actual conditions. The period of performance was extended through FY 2012 on modification 258.
- 2. The Contractor provided documentation to the Contracting Officer that clearly demonstrates that the \$284,642 had been appropriately applied to the Be improvement projects. The revised list of projects and actual costs is specified on pages 3 and 4 of this modification.
- 3. The disbursement and work scope for the reimbursement of unallowable costs issued under Section VI of Consent Order 2010-01 is hereby completed and closed.
- 4. All other terms and conditions remain unchanged.

## Contract No. DE-AC52-07NA27344 Modification No.: 315 Page 3 of 4

## Final LLNS Cost Performance in Accordance with Modification 208

\$307,378.30	\$ 22,736.30	\$161,059.54	\$146,318.76	\$284,642.00		
\$37,740.15	\$ 17,740.15	\$0.00	\$37,740.15	\$20,000.00	PLS Chemist	10
\$5,576.68	\$ (14,423.32)	\$651.84 \$	\$4,924.84	\$20,000.00	Be/Copper	9
\$23,878.12	\$ (1,121.88)	\$0.00	\$23,878.12	\$25,000.00	IHIL Equip	00
\$11,982.63	\$ 1,982.63	\$0.00	\$11,982.63	\$10,000.00	B231 Survey	7
\$20,085.71	\$ (29,914.29)	\$4,616.92 \$	\$15,468.79	\$50,000.00	B329 Decon	6
\$102,897.11	\$ 18,255.11	\$102,897.11	\$0.00	\$84,642.00	Spiramid/Be IT Upgrade	ъ
\$0.00	\$ (10,000.00)	\$ 00.0\$	\$0.00	\$10,000.00	Be SME	4
\$52,746.73	\$ 42,746.73	\$46,454.18	\$6,292.55	\$10,000.00	B231 Decon	ω
\$29,673.91	\$ (5,326.09)	\$5,938.55 \$	\$23,735.36	\$35,000.00	HS Tech	2
\$22,797.26	\$ 2,797.26	\$500.94	\$22,296.32	\$20,000.00	Med Surv	1
Total	Over/Under Budget	FY12 Costs	FY11 Costs	Reimbursement of Costs Authorized	Project Name	Contract Mod Project #

Remaining Balance	Costs to Date	Incremental QTD Costs	Cost Previously Reported	Authorized Reimbursement Costs
S	s	Ş	s	\$
22,736.30	307,378.30	105,020.00	202,358.30	284,642.00

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O PO CONTRACTOR	Site Support	C C C C C C C C C C C C C C C C C C C	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Site Support		Site	Site Support	Site Support	Site Support				Fund Source
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האעותפת פבבבוב	GAYLORD, REGGIE	ORD REGGE	AAVIORD. RFGGGE	GAYLORD, REGGIE		GAYLORD. REGGIE	GAYLORD, REGGIE	GAYLORD, REGGIE	GAYLORD, REGGIE				WP Mgr
	Finalize report on naturally-occuring benyillum in Livermore area soils.	Finalize ventilation survey of B-231 to document current configuration of HVAC System	Provide, one-time only, medical surveillance to subcontractors associated with 321C notification of surface contamination in 2007.	Purchase tools, O/T for techs to collect and dispose	O/T for Health and Safety Techs and potentially programmatic staff to identify areas/equipment	O/T for Health and Safety Techs, Sampling and analytical costs	O/T for Health and Safety Techs, Sampling and analytical costs	Trip to Brush wellman for Be SME, Security rep, and procurement rep to negotiate a contract for disposition of classified and unclassified beryllium parts.				Original Scope: Commercial provider will develop new functionality for Spiramid. Costs will be shared across several DOE users, but, once Implemented, maintenance becomes part of on-going Spiramid maintenance contract. Ensures a higher level of compliance with required routines (currently scheduled via an excel spreadsheet), and enables the reporting of several valuable benyllium-related metrics useful in monitoring the health of the benyllium safety programm. The system also represents a significant labor-savings from maintenance of the current spreadsheet.	OTR Scope
	Report to SMT on naturally-occuring benyllium at Livermore.	Mechanical engineer presentation to FM HVAC system map.	Single deliverable: SOMD summarizing the funding available and communications to subcontractor documenting the provision of beryillum medical surveillance for past-exposed workers.	Memo from Be SME describing number and work area of purchased tools, and describing BeCu tools that were disposed of.	Memo from Be SME describing areas assessed and relabeled, at equipment posted and labeled.	Single deliverable: Memo from Be SME summarting decontamination steps taken, and final status of lab in b329, with summary of characterization sampling of all accessible areas.	Single deliverable: Merno from Be SME summarking decontimination steps taken, and final status mechanical space in 8231, with summary of characterization sampling of all accessible areas.	Memo from Be SME describing results of trip, and outlining path forward in disposition of classified parts.				Original Milestone 1: Proposal from Spiramid outlining upgrade and providing extimate. Milestone 2: Procurement placed for upgrade. Milestone 3: Upgrade installed and functional.  Milestone 4: System in use.	Milestone or Deliverables
IHIL equipment was procured	PLS chemist finalized procurement, presentation to the SMST and BAG have occurred. Subsequent analytical and analysis work was requested concerning environmental sevels of airborne beryllium. Resulting work "Evaluation of Historical Beryllium Abundance in Soils, Airborne Particulates and Facilities at Lawrence Evermore National Laboratory" was published in the Science of the Total Environment (2012). Information will be presented at a symposium to the DOE Complex Beryllium POCs and Industry participants.	Project is complete. Ventilation survey of B231, Rm X is complete and initial drawings have been delivered. Survey focused on historical areas associated with beryllium processing (i.e. machining) and legacy facility contamination.	d Project is complete. Medical surveillance contract for past-exposed subcontractors of has been let in 2011. Identified subcontractors who participated included GSE and Akima. 44 individuals participated in beryllium medical surveillance offered.  Participation was 10% higher than anticipated. Surveillance requirements have been included in the respective subcontractor specifications.	Project is complete.	reas assessed and relabeled, and Project is complete. Areas identified, reviewed, and, as required, update signs, labels and postings with standard language. Facilities and activities inventory completed for FY2011.	Project Is complete.	Decontamination and additional characterization in the area is complete. Additional work, e.g. additional benyilium clean-up, characterization, and release, is identified in 8231 or other historical benyilium areas/facilities.	Project concept started but actual completion remains at 50%. Protocol for transfer or classified material needs to be finalized by security which is contingent upon LANL. No further action by LINL.		Projects completed:  - B231, 1945 Suite: Clean, Characterize, and Release areas associated with B231 aboratory space. Characterization to dispose of beryllium-contaminated waste and equipment. Release of areas from beryllium controls for programmatic use.  - B235, Basement: Clean and Release areas associated with beryllium repackaging effort. Identified areas of contamination due to legacy storage of large quantities of uncontained material.  - B151, Glovebox Removal: Dismantel and package GB for waste disposal. Item last used in B121 and was transfered, but not utilized, to B161.  - Machine Tool Survey: Survey and release 300+ items from beryllium controls.	Milestones: (1) Identify additional areas/projects to decontaminate and characterize; (2) Execute approved proposals (e.g. 8231, rm1945, 8391); (3) Develop proposal for inventory and records management system; (4) Upload information and test utility; (5) launch system on website	The original IT upgrade project is no longer viable with the original vendor and options. Be IT upgrade to pursue the IT capability are being handled through existing ES&H IT project to pursue the IT capability are being handled through existing ES&H IT project to the IT upgrade be reduced to smaller facility/area decontamination and characterization projects at Site 200 and Site 300. Additional focus in this area will (1) allow us to clean and release areas from beryllium-related controls to the program and operations and (2) minimize our facure liability associated with work in these areas. These small projects will be executed with ES&H Team H&S technician staff and program personnel.	OTR Status Text as of July 7, 2012 (Provided by Directorate PI)
IHIL Equipment		B231 Vent Survey	Medical Surveillance	Be/Copper Compaign	HS Tech Posting	DY'A Pase necou	DATA CECCI	The state of the s				Be IT Upgrade	Project Name
Green	Green	Green	Green	Green	Green	Green	Green	Green	Green				Status (Red, Green,Ye
3,00%	100%	100%	100%	100%	100%	100%	100%	100%	95%				% Compl ete
4	7 45 7 45	\$ 12	\$ 23	<b>6</b>	\$ 45	\$ 32	\$ 32	11 th	\$ 59				EAC (Estimate at Completion)
f							\$ 46		103				YTD Costs