

**BROOKHAVEN SCIENCE ASSOCIATES, LLC
GENERAL TERMS AND CONDITIONS
FOR COMMERCIAL PRODUCTS AND SERVICES
AT
BROOKHAVEN NATIONAL LABORATORY**

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Article 1 DEFINITIONS

The following terms shall have the meanings below:

- (a) "Agreement" means the contract; or purchase order; or Basic Ordering Agreement (BOA); or Task Agreement, and any modifications thereto, including all contract documents (Contract Documents). The Agreement includes without limitation the specifications, drawings, General Terms and Conditions, and any special or supplemental terms and conditions, when incorporated into this Agreement by reference or otherwise.
- (b) "BSA" means Brookhaven Science Associates, LLC acting under a Prime Contract between BSA and the United States Government (Government) for the operation of Brookhaven National Laboratory (referred to as Brookhaven, BNL, or Laboratory), and includes the successor to, or any duly authorized representative of BSA. BSA authorized representatives and their roles are listed in the contract document.
- (c) "Brookhaven", "BNL", or "the Laboratory" refers to the Brookhaven National Laboratory site at Upton, New York.
- (d) "BSA's PPM Division" means the BSA Procurement and Property Management Division (PPM).
- (e) "Contract" is the document (including but not limited to contract; or purchase order; or Basic Ordering Agreement (BOA); or Task Agreement) that is executed by both BSA and the Contractor that creates the Agreement.
- (f) "Contract Documents" means all documents that comprise this Agreement including without limitation, the specifications, drawings, the General Terms and Conditions and any special or supplemental terms and conditions, when incorporated into this Agreement by reference or otherwise. This Agreement does not bind nor purport to bind the Government.
- (g) "Contractor" means any person or organization that has entered into this Agreement with BSA.
- (h) "Government" means the United States of America including the U.S. Department of Energy (DOE) or any duly authorized representative(s) thereof.
- (i) "Prime Contract" means the contract between BSA and the Government.
- (j) The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

Article 2 ORDER OF PRECEDENCE

In the event of an inconsistency among provisions of this Agreement, the inconsistency shall be resolved by giving precedence in the following order:

- (a) Contract,
- (b) Special terms and conditions included in or incorporated by reference in the Contract,
- (c) Supplemental Terms and Conditions,
- (d) General Terms and Conditions,
- (e) Statement of Work,
- (f) Specifications and
- (g) Drawings, if any, incorporated in this Agreement by reference or otherwise.

Article 3 ACCEPTANCE OF AGREEMENT, SURVIVABILITY

- (a) Acceptance of any agreement, defined below, must be in accordance with and strictly limited to these Terms and Conditions, unless modified by Brookhaven Science Associates, LLC. (BSA)
- (b) Performance by any Contractor without an executed agreement shall be deemed to be performance in accordance with these Terms and Conditions. However, no payment or reimbursement of any kind whatsoever shall be made to the Contractor without an executed agreement.

Article 4 COMPLETE AGREEMENT

This Agreement expresses the entire agreement and understanding of the parties with respect to the subject matter hereof and supersedes any prior oral and written agreements between the parties. It may only be modified in writing executed by both BSA and the Contractor except as otherwise stated herein.

Article 5 UNAUTHORIZED OBLIGATION

When any supply or service acquired under this contract is subject to any End Use License Agreement (EULA), Terms of Service (TOS), or similar legal instrument or agreement, that includes any clause requiring BSA or the Government to indemnify the Contractor or any person or entity for damages, costs, fees, or any other loss or liability, the following shall govern:

- (i) Any such clause is unenforceable against BSA and the Government unless separately and specifically agreed to.
- (ii) Neither BSA nor any BSA authorized end user shall be deemed to have agreed to such clause by virtue of it appearing in the EULA, TOS, or similar legal instrument or agreement.
- (iii) Any such clause is deemed to be stricken from the EULA, TOS, or similar legal instrument or agreement.

Article 6 RESPECTFUL WORKPLACE POLICY

The Contractor's admittance to BNL is conditioned on acceptance of BSA's External Code of Conduct upon site entry registration. BSA is committed to providing a safe work environment for employees, contractors, guests and visitors, that is based on courtesy, civility and respectful communication. Acts or threats of violence, obscene or harassing telephone calls, verbal abuse, and any behavior meant to intimidate others are examples of actions that are prohibited on site at any time. Violators of this policy will be subject to disciplinary action up to and including discharge, debarment from site, or criminal arrest and prosecution. BSA is not responsible for any additional costs incurred by the Contractor due to these disciplinary actions. The Contractor will remain responsible for full performance of the Agreement without modification of the schedule.

Article 7 REPORTING ENVIRONMENTAL, SAFETY, HEALTH AND TECHNICAL CONCERNS

The Contractor will ensure that all Contractor employees are notified annually that they have the right to report environment, safety, health and technical concerns that have not been resolved through routine work processes through the Department of Energy

Differing Professional Opinion (DPO) process ((the DOE DPO process can be found in Attachment 2 to DOE O 442.2 Chg 1 (PgChg) and at <http://www.directives.doe.gov/directives-documents/400-series/0442.2-BOrder-chg1-pgchg/@@images/file>). The notification must provide points of contact (name, phone number and email addresses of DPO Managers) as listed on the DOE DPO web page, as well as the DOE DPO web page address.

Article 8 ASSIGNMENT

Neither this Agreement nor any interest therein nor claim there under shall be assigned or transferred by the Contractor except as expressly authorized in writing by BSA, provided that the Contractor or its assignee's rights to be paid amounts due as a result of performance of this Agreement may be assigned to a bank, trust company or other financing institution, including any federal lending institution. This Agreement is assignable by BSA to the Government or to a successor contractor for the operation of Brookhaven. The Contractor agrees to look solely to the Government or to such successor contractor for payment of the part so assigned, and to execute a novation agreement so recognizing the successor contractor if requested to do so by BSA.

Article 9 DISPUTES

The Contractor agrees to submit all disputes, claims or controversies arising out of or relating to this agreement to negotiation and then mediation before bringing any action in court. The Contractor further acknowledges that, in the event it brings any such action in court, it will bring that action in a court sitting in the State of New York, and it further acknowledges that it is hereby waiving any right that it might possess to demand a jury trial for the litigation of that action. The Contractor further acknowledges that it is giving up any rights to judicial remedies and procedures to the extent that this Agreement does not specifically provide for them. The Contractor further acknowledges that its agreement to the provision for this contract is voluntary. Pending settlement or a final judgment, the Contractor shall proceed diligently with the performance hereof according to BSA's decisions and instructions.

Article 10 EXCUSABLE DELAYS

The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as acts of God or the public enemy, acts of BSA, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify BSA in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to BSA of the cessation of such occurrence.

Article 11 TERMINATION FOR CONVENIENCE

BSA reserves the right to terminate this Agreement, or any part hereof, for its convenience or that of the Government. In the event of such termination, BSA's Procurement and Property Management Division (PPM) shall deliver a notice specifying

the extent of the termination and its effective date. The Contractor shall immediately stop all work so terminated and shall immediately cause any and all of its affected suppliers and subcontractors to cease work. Subject to the terms of this Agreement, BSA shall be liable only for payment under the payment provisions of this Agreement for services rendered prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to BSA's satisfaction using its standard record keeping system, have resulted from the termination. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided. In no event shall the agreed amount exceed the total price of the Agreement.

Article 12 TERMINATION FOR DEFAULT

- (a) Ten days after giving the Contractor written notice of its intent, BSA may terminate this Agreement for default, in whole or in part, if the Contractor fails to comply with any of the terms of this Agreement, fails to make progress so as to endanger performance of this Agreement or fails to provide adequate assurance of future performance. In this event, BSA shall not be liable for any services or supplies not accepted.
- (b) If this Agreement is terminated for default, BSA may require the Contractor to deliver any supplies and materials, manufacturing materials, and manufacturing drawings that the Contractor has specifically produced or acquired for the terminated portion of this Agreement. BSA shall pay the agreed-upon price for services performed and accepted in addition to completed supplies delivered and accepted. BSA and the Contractor shall agree on the amount of payment for all other deliverables.
- (c) BSA's rights and remedies under this Article are in addition to any other rights and remedies provided by law or under this Agreement.

Article 13 PAYMENT

- (a) BSA shall make payment for accepted services performed and/or items that have been delivered to the destination(s) set forth in this Agreement. Unless otherwise provided, terms of payment shall be net 30 days, unless otherwise specified in this Agreement, from submission of the Contractor's proper invoice (unless BSA does not approve such invoice). Invoices submitted by the Contractor anywhere other than to Account Payable at APinvoices@bnl.gov, unless otherwise specified in this Agreement, are not deemed to have been officially received for payment term purposes. Any offered discount shall be taken if payment is made within the discount period indicated by the Contractor. Payments may be made either by check or electronic funds transfer, at BSA's option. Payment shall be deemed to have been made as of the date of mailing or the date on which the electronic funds transfer was made. Unless otherwise specified in this Agreement, BSA may make payment on partial deliveries which it accepts.
- (b) If the Contractor becomes aware, or BSA notifies the Contractor, of a duplicate contract financing or invoice payment or that BSA has otherwise overpaid on a contract financing or invoice payment, the Contractor shall remit the overpayment amount to the address below along with the Agreement/Contract #, and a description of the overpayment.

Brookhaven National Laboratory
Accounts Receivable, Deborah Basozmen
20 Brookhaven Ave. Bldg. 400D
Upton, NY 11973-5000

Article 14 CHANGES

Any changes or modifications in the Terms and Conditions of this Agreement may be made only by written agreement of the parties and with written approval of BSA's Procurement and Property Management Division Manager, or designee.

Article 15 INSPECTION

The Contractor shall only tender for acceptance those items that conform to the requirements of this Agreement. BSA reserves the right to inspect or test any supplies or services that have been tendered for acceptance. BSA may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in price. BSA must exercise its post-acceptance rights:

- (a) within a reasonable time after the defect was discovered and,
- (b) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

Article 16 TAXES

The Agreement price includes all applicable federal, state, and local taxes and duties that company is required to collect. In determining the applicability of any tax or duty, due consideration shall be given to the relationship of the subject matter of this Agreement to the Government, and the fact that BSA is exempt from New York State and local sales and use taxes under Exempt Organization Certificate No. EX-216880.

Article 17 TITLE AND RISK OF LOSS

Unless specified elsewhere in this Agreement, title to items furnished under this Agreement shall pass to the Government upon acceptance, regardless of when or where BSA takes physical possession. If BSA makes partial or progress payments, title shall pass to the Government for the items covered by the payment. Unless the Agreement specifically provides otherwise, risk of loss or damage to the items provided under this Agreement shall remain with the Contractor until delivery of the items to the destination specified in the Agreement.

Article 18 WARRANTY

Contractor warrants that the items under this Agreement shall be in accordance with Contractor's affirmation, description, sample, or model and compliant with all requirements of this Agreement. The warranty shall begin upon acceptance and extend for a period of

- (a) the manufacturer's warranty period or six months, whichever is longer, if the Contractor is not the manufacturer and has not modified the item; or,
- (b) one year or the manufacturer's warranty period, whichever is longer, if the Contractor is the manufacturer of that item or has modified it.

If any nonconformity with the item appears within that time, the Contractor shall promptly repair or replace such items or re-perform services. Transportation of replacement items and return of nonconforming items and repeat performance of services shall be at the Contractor's expense. If repairs or replacement items or reperformance of services is not timely, BSA may elect to return the nonconforming items or repair or replace them or reprocur the services at the Contractor's expense. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this Agreement.

Article 19 LIMITATION OF LIABILITY

Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to BSA for consequential damages resulting from any defect or deficiencies in accepted items.

Article 20 COMPLIANCE WITH LAWS

- (a) The Contractor shall comply with all applicable federal, state, local laws and ordinances, executive orders, all pertinent lawful orders, rules and regulations, including those applicable by reason of the fact that this Agreement is issued under the Prime Contract and such compliance shall be a material requirement of this Agreement. If the Contractor is required to obtain licenses and/or permits to comply with this Article, it will do so without additional expense to BSA.
- (b) The Contractor warrants that each chemical substance constituting or contained in items furnished by this Agreement is on the list of substances published by the Administrator of the Environmental Protection Agency pursuant to the Toxic Substances Control Act, as amended. With each delivery the Contractor shall provide BSA any applicable Safety Data Sheet as required by the Occupational Safety and Health Act and applicable regulations including, without exception, 29 CFR 1910.1200.

Article 21 COMPLIANCE WITH INTERNET PROTOCOL VERSION 6 (IPv6) IN ACQUIRING INFORMATION TECHNOLOGY

(Only applicable for agreements to purchase Information Technology)

This clause is applicable if this contract involves the acquisition of Information Technology (IT) that uses Internet Protocol (IP) technology. The Contractor agrees that

- (a) all deliverables that involve (IT) that uses (IP) (products, services, software, etc.) comply with IPv6 standards and interoperate with both IPv6 and IPv4 systems and products; and
- (b) it has IPv6 technical support for fielded product management, development and implementation available.

If the Contractor plans to offer a deliverable that offers IT that is not initially compliant, the Contractor agrees to

- (c) obtain BSA's approval before starting work on the deliverable; and
- (d) have IPv6 technical support for fielded product management, development and implementation available.

Should the Contractor find that the Statement of Work or specifications of this contract do not conform to IPv6 standards, it must notify BSA of such nonconformance and act in accordance with BSA's instructions.

Article 22 AUTHORIZATION AND CONSENT

The Government has given its authorization and consent for all use and manufacture of any invention described in and covered by a patent of the United States in the performance of this Agreement or any part hereof or any amendment hereto or any subcontract hereunder (including any lower-tier subcontract) which is expected to exceed the Simplified Acquisition Threshold (SAT).

Article 23 PATENT INDEMNITY-SUPPLIES AND SERVICES

The Contractor shall indemnify BSA, the Government, and their officers, agents, and employees against liability, including costs, for infringement of any United States letters patent (except U.S. letters patent issued upon an application which is now or may hereafter be kept secret or otherwise withheld from issue by order of the Government) arising out of the manufacture or delivery of supplies or out of construction, alteration, modification, or repair of real property (hereinafter referred to as "construction work") under this Agreement, or out of the use or disposal by or for the account of the Government or BSA of such supplies or construction work. The foregoing indemnity shall not apply unless the Contractor shall have been informed as soon as practicable by the Government (with notice to BSA) of the suit or action alleging such infringement, and shall have been given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof, and further, such indemnity shall not apply to:

- (a) An infringement resulting from compliance with specific written instructions of BSA or the Government directing a change in the supplies to be delivered or in the materials or equipment to be used or directing a manner of performance of the Agreement not normally used by the Contractor.
- (b) An infringement resulting from addition to, or change in, such supplies or components furnished, or construction work performed which addition or change was made subsequent to delivery or performance by the Contractor, or
- (c) A claimed infringement which is settled without the consent of the Contractor, unless required by final decree of a court of competent jurisdiction.

Article 24 REPORTING OF ROYALTIES

If any royalty payments totaling more than \$250 are directly involved in the Agreement or are reflected in the Agreement price to BSA, the Contractor agrees to report in writing to the Government through BSA during the performance of this Agreement and prior to its completion or final settlement the amount of any royalties or other payments paid or to be paid by it directly to others in connection with the performance of this Agreement together with the names and addresses of licensors to whom such payments are made and either the patent numbers involved or such other information as will permit identification of the patents or other basis on which royalties are to be paid. The approval of DOE or BSA of any individual payments or royalties shall not stop the Government at any time

from contesting the enforceability, validity or scope of, or title to, any patent under which a royalty or payments are made.

Article 25 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT

The provisions of this clause shall be applicable only if the amount of this Agreement exceeds the Simplified Acquisition Threshold (SAT).

- (a) The Contractor shall report to the Government through BSA promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on the performance of this Agreement of which the Contractor has knowledge.
- (b) In the event of any claim or suit against the Government on account of any alleged patent or copyright infringement arising out of the performance of this Agreement or out of the use of any supplies furnished or work or services performed hereunder, the Contractor shall furnish to the Government when requested by the Government or BSA, all evidence and information in possession of the Contractor pertaining to such suit or claim. Such evidence and information shall be furnished at the expense of the Government except where the Contractor has agreed to indemnify the Government or BSA.
- (c) This clause shall be included in all subcontracts.

Article 26 SUSPECT/ COUNTERFEIT ITEMS

- (a) "Suspect Items" are items, for which there is an indication by visual inspection, testing, or other information that it may not conform to established Government- or industry-accepted specifications or national consensus standards. "Counterfeit Items" are suspect items that are a copy or substitute without legal authority to do so or whose material, performance, or characteristics are knowingly misrepresented by the supplier, distributor, or manufacturer. Forms of misrepresentation include, but are not limited to, the following:
 - (b) Falsified product sources (counterfeits);
 - (c) Falsified or modified quality assurance records;
 - (d) False marking as to class, type, or grade;
 - (e) Mixing of unmarked materials with marked materials;
 - (f) False labeling as to qualification or acceptance by testing/certifying organizations
 - (g) Used and/or refurbished products misrepresented as new products.
 - (h) Types of materials, parts, and components, known to have been misrepresented include, but are not limited to:
 - (i) Lifting materials such as slings, hooks, cables, and shackles;
 - (j) Threaded fasteners fraudulently marked as high-strength bolts;
 - (k) Refurbished electrical circuit breakers sold under false certifications;
 - (l) Valves;
 - (m) Piping and piping components;
 - (n) Electrical devices;
 - (o) Channel members, plate, bar, and flanges;
 - (p) Other structural items.

- (i) See the BNL Suspect / Counterfeit Items, Subject Area. The link can be found on the PPM Terms and Conditions Listing (<https://www.bnl.gov/ppm/terms-and-conditions.php>) under SBMS External Files – All Documents. S/CIs may pose immediate and potential threats to the safety of DOE and contractor workers, the public, and the environment. Failure of a safety or mission critical system due to an S/CI could also have security implications at DOE facilities.
- (q) Items furnished to BSA under this Agreement shall not include suspect/counterfeit parts, nor shall such parts be used in performing any work under this Agreement whether on or off the Laboratory site.
- (r) If suspect/counterfeit parts are furnished under this Agreement and are found on the Laboratory site, such parts shall be impounded by BSA, or they shall be removed by the Contractor as directed by BSA. The Contractor shall promptly replace such parts with supplies acceptable to BSA and the Contractor shall be liable for all costs relating to impoundment, removal, and replacement. BSA may turn such parts over to the U.S. Office of the Inspector General for investigation and reserves the right to withhold payment pending the outcome of any investigation.
- (s) The rights of BSA in this clause are in addition to any other rights provided by law or under this Agreement.

Article 27 APPLICABLE LAW

The parties agree that the federal common law of government contracts will govern the construction and interpretation of this Agreement and all claims arising under or related to this Agreement or work performed under this Agreement or claims of breach of this Agreement, regardless of the forum in which any party to this Agreement brings action. For purposes of this Agreement, the federal common law of government contracts will consist of the interpretation of contract clauses and the law enunciated and applied to government contracts by the Boards of Contract Appeals, the Comptroller General (CG), and Federal Courts having jurisdiction over the Boards or the CG. The term "Board of Contract Appeals" means those established under the Contract Disputes Act of 1978, 41 U.S.C. 607(a)(1), and successor bodies.

Article 28 PRESS RELEASES AND OTHER PUBLIC DISSEMINATION OF CONTRACT INFORMATION

Press releases through print, broadcast or other media concerning the award, performance, results or conclusions from the work under this Contract shall not be made or otherwise distributed to the public without prior written consent by BSA. Any material proposed to be released shall be submitted to the BSA Contractual Representative no later than two weeks prior to the intended press release.

Article 29 REPORTING EXECUTIVE COMPENSATION

(Agreements valued at \$40,000 or more)

In accordance with FAR 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards, and as a condition of award of this Agreement, the Contractor will be required to provide to the BSA's PPM Division information relative to executive total

compensation as directed below. This requirement does not apply to Agreements with individuals.

For purposes of this Article, “executive” means officers, managing partners, or any other employees in management positions. “Total Compensation” means the cash and noncash dollar value earned by the executive during the Contractor’s preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):

- (a) Salary and bonus.
- (b) Awards of stock, stock options, and stock appreciation rights. Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.
- (c) Earnings for services under non-equity incentive plans. This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives and are available generally to all salaried employees.
- (d) Change in pension value. This is the change in present value of defined benefit and actuarial pension plans.
- (e) Above-market earnings on deferred compensation which is not tax-qualified.
- (f) Other compensation, if the aggregate value of all such other compensation (e.g., severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds \$10,000.

The Contractor agrees to report, by the end of the month following award of the Agreement, and annually thereafter, the names and total compensation of each of the five most highly compensated executives for the Contractor’s preceding completed fiscal year, if—

- (a) In the Contractor’s preceding fiscal year, the Contractor received—
 - (i) 80 percent or more of its annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
 - (ii) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
- (b) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986.

Article 30 IDENTIFICATION OF EMPLOYEES

FAR 52.222-54 Employment Eligibility Verification, which is included in this Agreement, requires the Contractor to use an electronic Employment Eligibility Verification (E-Verify) system designated by the Secretary of Homeland Security to verify the eligibility of:

- (a) all persons hired during the Agreement term by the Contractor to perform duties within the United States; and
- (b) all persons assigned by the Contractor to perform work within the United States on the Federal Contract.

The Contractor agrees to incorporate FAR 52.222-54 and the substance of this clause in all lower subcontracts issued under this Agreement.

Article 31 IMPLEMENTATION OF THE FRAMEWORK FOR NUCLEIC ACID SYNTHESIS SCREENING

(a) Definitions.

Customer – as defined in the Framework for Nucleic Acid Synthesis Screening, is the individual or entity (such as an institution) that orders or requests synthetic nucleic acids from a Provider, or that purchases nucleic acid synthesis equipment from a Manufacturer. For the purposes of this clause, the Department of Energy’s contractors and subcontractors are considered customers.

Provider – as defined in the Framework for Nucleic Acid Synthesis Screening, is an entity that synthesizes and distributes synthetic nucleic acids. Providers may provide nucleic acids to a customer or third-party vendor. A Provider is understood to be synthesizing and distributing nucleic acids as a transactional service, rather than as a research scientist collaborating with a colleague.

Manufacturer – as defined in the Framework for Nucleic Acid Synthesis Screening, is an entity that produces and distributes benchtop equipment for synthesizing nucleic acids. Manufacturers may provide equipment to a customer or third-party vendor.

(b) Requirements.

(1) The Contractor shall obtain synthetic nucleic acids – or devices capable of synthesizing them – from Providers or Manufacturers that attest to implementing 2024 Office of Science and Technology Policy (OSTP) Framework for Nucleic Acid Synthesis Screening.

(2) The attestation may be provided through a publicly posted statement (e.g., public website) or directly to the Contracting Officer (or contractor/subcontractor for subcontracts) by the Provider or Manufacturer.

(c) Flowdown of requirements to subcontractors. The Contractor shall incorporate the substance of this clause, its terms and requirements, including this paragraph, in all subcontracts in support of the contract that may involve the procurement of synthetic nucleic acids and benchtop nucleic acid synthesis equipment.

Article 32 FAR 52.222-90 ADDRESSING DEI DISCRIMINATION BY FEDERAL CONTRACTORS

The clause at FAR 52.222-90, Addressing DEI Discrimination by Federal Contractors (APR 2026), is hereby incorporated into this Agreement by reference with the same force and effect as if set forth in full herein. The Contractor shall comply with the requirements of FAR 52.222-90 and shall insert the substance of this clause, including this requirement, in all lower-tier subcontracts and purchase orders to the extent required by the clause. Whenever necessary to make the context of the clause applicable to this Agreement, the term “Contractor” shall mean the Contractor and the terms “Government” and “Contracting Officer” shall mean BSA.

Contractor certifies that Contractor and all subcontractors at every tier comply with and shall throughout the term of this Contract continue to comply with the requirements of FAR 52.222-90 to the extent applicable. Contractor shall promptly report to BSA in

writing any actual or suspected noncompliance with FAR 52.222-90, including reasonable details of such noncompliance.

Article 33 INDEMNITY FOR VIOLATION OF FAR 52.222-90

The Contractor recognizes that compliance with the requirements of this clause is material to the Government's payment decisions for purposes of 31 U.S.C. 3729(b)(4). The Contractor hereby indemnifies and agrees to hold harmless BSA and its respective officers, agents, and employees from and against any and all liability, loss, damage, claim, demand, judgment, cost, charge, assessment, penalty, fine, disallowance, reduction in reimbursement, withholding, expense, or other consequence of any nature whatsoever, including reasonable attorneys' fees, internal investigation costs, and costs incurred responding to Government inquiries or investigations, arising out of or resulting directly or indirectly from any violation of FAR 52.222-90 by the Contractor or any of its subcontractors, suppliers, or lower-tier subcontractors. The obligations set forth in this Article shall survive completion, termination, expiration, or closeout of the Agreement.

*In the event of any conflict between Article 32 and Article 33 and any other terms and conditions of the Agreement, Article 32 and Article 33 shall control to the extent of such conflict.

Article 34 CLAUSES INCORPORATED BY REFERENCE

This Agreement incorporates the following Federal Acquisition Regulation (FAR) and Department of Energy Acquisition Regulation (DEAR) clauses by reference, as they exist on the effective date of this Agreement, with the same force and effect as if they were in full text. The FAR and DEAR clauses are available at [Acquisition.GOV | www.acquisition.gov](https://www.acquisition.gov) or they may be obtained from [Electronic Code of Federal Regulations \(eCFR\)](https://www.ecfr.gov). When an alternate or deviation is referenced, please use this link <https://www.bnl.gov/about/contract/> to access the BSA Prime Contract for the full text of the clause. Whenever necessary to make the context of the clauses applicable to this Agreement, the term "Contractor" shall mean the Contractor, the term "Contract" shall mean this Agreement, and where noted or where necessary to derive proper meaning in a subcontract situation the terms "DOE", "Government" and "Contracting Officer" shall mean BSA, except the terms "DOE", "Government" and "Contracting Officer" do not change:

- (a) in the phrases "Government Property", "Government-Furnished Property", "Government Equipment" and "Government-Owned Equipment", or, where otherwise intended that title, ownership or rights are to remain with the Government; or
- (b) where statute or regulation vests authority exclusively in specific agencies or officials; or
- (c) where otherwise specifically modified in this Agreement.

To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors, divisions, subsidiaries, or affiliates at all tiers to incorporate commercial products or non-developmental items as components of items to be supplied under this Agreement. The Contractor is not required to include any FAR provisions or clauses other than those listed below to the extent that they are applicable and as may be required

to establish the reasonableness or prices under FAR Part 15, in a subcontract at any tier for commercial products or components. The Contractor shall include the terms of this clause, including this statement, in subcontracts awarded under this Agreement.

Article	Title of Clause	FAR Ref.
Article 35	Gratuities (Apr 1984)	52.203-3
Article 36	Covenant against Contingent Fees (May 2014)	52.203-5
Article 37	Restrictions on Subcontractor Sales to the Government (Jun 2020)	52.203-6
Article 38	Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (Sep 2024.)	52.203-11
Article 39	Limitation on Payments to Influence Certain Federal Transactions (Jun 2020) (only applicable to agreements greater than \$200,000)	52.203-12
Article 40	Contractor Code of Business Ethics and Conduct (Nov 2021) (Only applicable to agreements greater than \$7,500,000)	52.203-13
Article 41	Contractor Employee Whistleblower Rights (Nov 2023)	52.203-17
Article 42	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017)	52.203-19
Article 43	Personal Identity Verification of Contractor Personnel (Jan 2011) (only applicable if Contractor employees are required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system).	52.204-9
Article 44	Service Contract Reporting Requirements (Oct 2016) (Fixed Price agreements or for Cost Reimbursable, Time and Material, or Labor-Hour for agreements greater than \$500,000)	52.204-14
Article 45	Incorporation by Reference of Representations and Certifications (Dec 2014)	52.204-19
Article 46	Basic Safeguarding of Covered Contractor Information Systems (Nov 2021)	52.204-21
Article 47	Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Dec 2023)	52.204-23
Article 48	Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Nov 2021)	52.204-25

Article 49	Utilization of Small Business Concerns (Jan 2025) (Not applicable for any work performed outside of the United States)	52.219-8
Article 50	Small Business Subcontracting Plan (Jan 2025) (Alternate IV) (Jan 2025) (agreements to large business greater than \$900,000) (not applicable for any work performed outside of the United States)	52.219-9
Article 51	Contract Work Hours and Safety Standards Act – Overtime Compensation (May 2018) (Not applicable for any work performed outside of the United States)	52.222-4
Article 52	Child Labor – Cooperation with Authorities and Remedies (Jan 2025) (only applicable to agreements greater than \$15,000)	52.222-19
Article 53	Contracts for Materials, Supplies, Articles and Equipment (Jun 2020) Exceeding \$15,000 (Not applicable for any work performed outside of the United States)	52.222-20
Article 54	Reserved	
Article 55	Equal Opportunity for Veterans (Jun 2020) (agreements of \$200,000 or more) (Not applicable for any work performed outside of the United States)	52.222-35
Article 56	Equal Opportunity for Workers with Disabilities (Jun 2020) (agreements greater than \$20,000) (Not applicable for any work performed outside of the United States)	52.222-36
Article 57	Employment Reports on Veterans (Jun 2020) (agreements of \$200,000 or more) (Not applicable for any work performed outside of the United States)	52.222-37
Article 58	Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (agreements greater than \$10,000) (Not applicable for any work performed outside of the United States)	52.222-40
Article 59	Service Contract Labor Standards (Aug 2018) (agreements greater than \$2,500 and as designated in the agreement) (Not applicable for any work performed outside of the United States)	52.222-41
Article 60	Combating Trafficking in Persons (Oct 2025)	52.222-50
Article 61	Minimum Wages Under (Jan 2022) (E.O. 14026) (Not applicable for any work performed outside of the United States)	52.222-55

Article 62	Paid Sick Leave Under Executive Order 13706 (Jan 2022)	52.222-62
Article 63	Addressing DEI Discrimination by Federal Contractors (Apr 2026) (Deviation)	52.222-90
Article 64	Reporting of Bio-based Products Under Service and Construction Contracts (May 2024)	52.223-2
Article 65	Hazardous Material Identification and Material Safety Data (Feb 2021) (Alternate I) (Jul 1995)	52.223-3
Article 66	Sustainable Products and Services (May 2024)	52.223-23
Article 67	Privacy Training (Jan 2017)	52.224-3
Article 68	Buy American – Supplies (Oct 2022); (Not applicable for any work performed outside of the United States)	52.225-1
Article 69	Duty-Free Entry (Oct 2025)	52.225-8
Article 70	Restrictions on Certain Foreign Purchases (Feb 2021)	52.225-13
Article 71	Authorization and Consent (Jun 2020) (applicable to Agreements expected to exceed the SAT)	52.227-1
Article 72	Patent Indemnity (Apr 1984)	52.227-3
Article 73	Taxes – Foreign Cost-Reimbursement Contracts (Mar 1990) (Not applicable for Firm Fixed Price Contracts)	52.229-8
Article 74	Interest (May 2014)	52.232-17
Article 75	Unenforceability of Unauthorized Obligations (Jun 2013)	52.232-39
Article 76	Providing Accelerated Payments to Small Business Subcontractors (Mar 2023) (Only applicable if any work or subcontracts will be performed by small businesses)	52.232-40
Article 77	Prohibition on Unmanned Aircraft Systems Manufactured or Assembled by American Security Drone Act-Covered Foreign Entities (Nov 2024)	52.240-1
Article 78	Subcontracts for Commercial Products and Commercial Services (Oct 2025)	52.244-6
Article 79	Preference For U.S. Flag Air Carriers (Jan 2025)	52.247-63
Article 80	Excusable Delays (Apr 1984)	52.249-14
Article	Title of Clause	DEAR. Ref
Article 81	Whistleblower Protection for Contractor Employees (Dec 2000)	952.203-70
Article 82	Computer Security (Aug 2006) (Only applicable to agreements that may provide access to computers owned, leased, or operated on behalf of the DOE)	952.204-77
Article 83	Sustainable Acquisition Program (Dec 2024) (Only applicable to first-tier subcontracts)	952.223-78

	exceeding the SAT that support operation of the DOE facility and offer significant subcontracting opportunities for energy-efficient or environmentally sustainable products or services).	
Article 84	Workforce restructuring and displaced employee hiring preference (Dec 2024) (Applicable to all contracts except for commercial items that exceed \$500,000)	952.226-74
Article 85	Foreign travel (Jun 2010) (Only applicable when foreign travel may be required)	952.247-70
Article 86	Reserved	
Article 87	Laws, Regulations, and DOE Directives (Dec 2000) (Deviation) (SC Deviation) (May 2018)	970.5204-2
Article 88	Reserved	
Article 89	Compliance with Export Control Laws and Regulations (Nov 2015)	970.5225-1
Article 90	Authorization and Consent (Dec 2024) (applicable to Agreements expected to exceed the SAT)	970.5227-4
Article 91	Notice and Assistance Regarding Patent and Copyright Infringement (Dec 2024) (Applicable to all subcontracts at any tier expected to exceed the SAT)	970.5227-5
Article 92	State and local taxes (Dec 2000)	970.5229-1