UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 8-K

Current Report

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 13, 2014

CYTORI THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

001-34375

33-0827593

Delaware

(State or Other Jurisdiction of Incorporation,	(Commission File Number)	(I.R.S. Employer Identification Number)					
3020 Callan Road, San Diego, California 92121 (Address of principal executive offices, with zip code)							
	(858) 458-0900 (Registrant's telephone number, including area code)						
	n/a (Former name or former address, if changed since last repo	ort)					
Check the appropriate box below if the Foollowing provisions (see General Instruction A	orm 8-K filing is intended to simultaneously satisfy the fili a.2. below):	ng obligation of the registrant under any of the					
☐ Written communications pursuant to	Rule 425 under the Securities Act (17 CFR 230.425)						
☐ Soliciting material pursuant to Rule	14a-12 under the Exchange Act (17 CFR 240.14a-12)						
□ Pre-commencement communication	s pursuant to Rule 14d-2(b) under the Exchange Act (17 C	CFR 240.14d-2(b))					
□ Pre-commencement communication	s pursuant to Rule 13e-4(c) under the Exchange Act (17 C	FR 240.13e-4(c))					

Item 1.01 Entry Into a Material Definitive Agreement.

On August 13, 2012, Cytori Therapeutics, Inc., a Delaware corporation (the "Company"), entered into an amendment exercising Option 1 of its September 27, 2012 contract with the U.S. Department of Health and Human Service's Biomedical Advanced Research and Development Authority (BARDA) for the evaluation and development of Company's cell therapy for the treatment of thermal burns combined with radiation injury (the "BARDA Agreement").

The BARDA Agreement amendments include the exercise of Option 1 to perform research, development, regulatory, clinical and other tasks required for initiation of a pilot clinical trial of the Celution System in thermal burn injury, amendments to the Statement of Work, and reorganization of the contract options. The total cost plus fixed fee for the performance of Option 1 is up to approximately \$12.1 million. The revised Option 2 consists of execution of the pilot clinical study, regulatory, and other tasks for a cost plus fixed fee of up to \$8.3 million. The revised Option 3 consists of clinical, regulatory, and other tasks for completion of a pivotal clinical trial leading to FDA approval for use of the Celution System in thermal burn injury, for a cost plus fixed fee of up to \$45.5 million. The revised Option 4 consists of R&D, clinical, regulatory and other tasks required to develop and obtain FDA clearance for other characteristics suitable for use in thermal burn injury following a mass casualty event, for a cost plus fixed fee of up to \$23.4 million.

The foregoing is only a brief description of the material terms of the BARDA Agreement amendment and does not purport to be a complete description of the rights and obligations of the parties there under. The foregoing description is qualified in its entirety by reference to Contract HHSO100201200008C Amendment No. 1 dated August 13, 2014, which is filed as Exhibit 10.99 to this Current Report and incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Description

10.99 Contract HHSO100201200008C Amendment No. 1 dated August 13, 2014, by and between the Company and the U.S. Department of Health and Human Services Biomedical Advanced Research and Development Authority.

SIGNATURES

Date: August 19, 2014

Pursuant to the requirements of the	Securities Exchange Act of 193	4, the Registrant has duly	y caused this report to be sig	gned on its behalf by the
undersigned hereunto duly authorized.				

CYTORI THERAPEUTICS, INC.

By: /s/ Marc H. Hedrick Marc H. Hedrick

President and Chief Executive Officer

AMENDMENT OF SOLICITA	TION/MODIFICATIO	N OF CO	NTRACT	1. CONTRACT ID (CODE	PAGE OF PAGES
						1 2
2. AMENDMENT/MODIFICAITON N	O. 3. EFFECTIVE	4. REQU	ISITION/PUI	RCHASE REQ. NO.	5. PRO	JECT NO. (If applicble)
	DATE					
0001	8/18/2014	0S138754	4			
6. ISSUED	ASPR-BARDA	7. ADMII	NISTERED E	BY (If other than Item 6	5)	ASPR-BARDA01
BY						
ASPR-BARDA		ASPR-BA	ARDA			
200 Independence Ave., S.W. Room 640)-G	330 Indep	330 Independence Ave., S.W. Room G644			
Washington DC 20201		Washingt	Washington, DC 20201			
8. NAME AND ADDRESS OF CONTR	RACTOR (No., street, coun	ty, State	(X) 9A. A	MENDMENT OF SO	LICIATIC	N NO.
and ZIP Code)						
			9B. D	ATED (SEE ITEM 11))	
CYTORI THERAPEUTICS, INC. 1386	447					
CYTORI THERAPEUTICS, INC.	3020		10A.	MODIFICATION OF (CONTRA	CT/ORDER NO.
3020 CALLAN ROAD			HHSO	HHS0100201200008C		
SAN DIEGO CA 921211109			10B. I	DATED (SEE ITEM 11	L)	
CODE 1386447	FACILITY CODE		9/28/2	2012	-	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, X is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a)By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;

or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPIRATION DATA (If required)

..2014.1992003.25106 NET INCREASE: \$12,080,934.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, X is required to sign this document and return (2) two copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 33-0827593 DUNS Number: 111029179

Proof of Concept for Use of the Celution System as a Medical Countermeasure for Thermal Burn

Bi-lateral: Mutual Agreement of the Parties and FAR 52.217-7

See Attached.

Delivery: 08/14/2014

Delivery Location Code: HHS/OS/ASPR

HHS/OS/ASPR 200 C Street S.W.

WASHINGTON, DC 20201 US

Continued.....

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

Marc H. Hedrick President/CEO		THOMAS P. HASTINGS	
15B. CONTRACTOR/OFFEROR	15C. DATE	16B. UNITED STATES OF AMERICA	16C. DATE
	SIGNED		SIGNED
/s/ Marc H. Hedrick	8/13/2014	/s/ THOMAS P. HASTINGS	8/13/2014

NSN 7540-01-152-8070 Previous edition unusable

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

HHS0100201200008C/0001

NAME OF OFFEROR OR CONTRACTOR

CYTORI THERAPEUTICS, INC 1386447

REFERENCE NO. OF DOCUMENT BEING CONT []UED

I PAGES

ITEM NO. (A) SUPPLIES/SERVICES (B)

QUANTITY (C) I UNIT (D) I UNIT PRICE (E) I AMOUNT (F).

Appr. Yr.: 2014 CAN: 1992003 Object Class: 25106

FOB: Destination

Period of Performance: 9/28/2012 to 9/27/2016

Add Item 2 as Follows:

2 ASPR-14-07850 - - Option 1 Fund to Cytori Therapeutics, Inc.

\$12,080,934.00

HHS010020120008C

Obligated Amount: \$12,080,934.00

NSN 7540-01-152-8067 OPTIONAL FORM 336 (4-86) Sponsored by GSA FAR (48 CFR) 53.110

Beginning with the effective date of this modification, the below portions of contract HHSO100201200008C between the Government and Contractor are modified as follows:

- 1.ARTICLE B.2., ESTIMATED COST AND FIXED FEE, is hereby deleted in its entirely and replaced with the following a. The total estimated cost of *the base performance segment* is \$4,356,912.
- - c. The total amount of *the base performance segment*, CLIN 0001, represented by the sum of the total estimated cost plus fixed fee is \$4,683,680.

b. The total fixed fee for the base performance segment is \$326,768. The fixed fee shall be paid subject to Allowable Cost and Payment and Fixed Fee

- d. It is estimated that the amount currently allotted will cover performance of the base performance segment through 27 September 2014.
- e. The total estimated cost of the Option 1 (CLIN 0002) performance segment is \$11,238,078.
- e. The total fixed fee for *the Option 1 (CLIN 0002) performance segment* is \$842,856. The fixed fee shall be paid subject to Allowable Cost and Payment and Fixed Fee Clauses.
- f. The total amount of the Option 1 (CLIN 0002) performance segment, represented by the sum of the total estimated cost plus fixed fee, is \$12,080,934.
- g. It is estimated that the amount currently allotted will cover the Option 1 (CLIN 0002) performance segment through 27 September 2016.
- h. The Contractor shall maintain records of all contract costs and such records shall be subject to the Audit and Records-Negotiation and Final Decisions on Audit Findings clauses of the General Clauses.

CLIN/ Option	Estimated Period of Performance	Supplies/Services	Total Estimated Cost	Fixed Fee	Total Est. Cost Plus Fixed Fee
0001	28 Sept 2012 through 27 Sept 2014	Studies needed to demonstrate proof-of-concept for use of the Celution System as a medical countermeasure for combined injury involving thermal burn and radiation exposure.	\$4,356,912	\$326,768	\$4,683,680
0002/1	18 Aug 2014 through 27 Sept 2016	Reports and Other Data Deliverables Research and development, regulatory, clinical, and other tasks required for initiation of a Pilot Clinical Trial of the Celution System in thermal burn injury. Reports and Other Data Deliverables	\$11,238,078	\$842,856	\$12,080,934

- 2. ARTICLE B. 3., OPTION PRICES, is hereby deleted in its entirety and replaced with the following
- a. Unless the government exercises its option pursuant to the option clause contained in ARTICLE I.2, the contract consists only of the Base Work segment specified in the Statement of Work as defined in SECTONS C and F, for the price set forth in ARTICLE B.2 of the contract.
- b. Pursuant to FAR Clause 52.217-9 (Option to Extend the Term of the Contract), the Government may, by unilateral contract modification, require the Contractor to perform the Option Work Segments specified in the Statement of Work as defined in SECTIONS C and F of this contract. If the Government exercises the/these option(s), written notice must be given to the Contractor within 30 days after the Government has completed its analysis of the deliverables associated with the applicable GO/NO GO Decision gate; and the Government must give the Contractor a preliminary written notice of its intent to exercise the option at least 30 days before the contract expires. Specific information regarding the time frame for this notice is set forth in the OPTION CLAUSE Article in SECTION G of this contract. The estimated cost of the contract will be increased as set forth below:

CLIN/ Option	Estimated Period of Performance	Supplies/Services	Total Estimated Cost	Fixed Fee	Total Estimated Cost Plus Fixed Fee
0003/2	21 May 2015 through 27 Sept 2016	Execution of the Pilot Clinical study, regulatory, and other tasks required for completion of a pilot Clinical Trial using the Celution System in thermal burn injury. Reports and Other Data Deliverables	\$7,765,874	\$582,440	\$8,348,314
0004/3	21 Jul 2015 through 27 Sep 2017	Clinical, regulatory, and other tasks required for completion of a Pivotal Clinical Trial leading to FDA licensure for use of the Celution System in thermal burn injury. Reports and Other Data Deliverables	\$42,326,809	\$3,174,511	\$45,501,320
0005/4	4/2/14 through 27 Sept 2017	Research and development, clinical, regulatory and other tasks required to develop and obtain FDA clearance for other characteristics suitable for use in thermal burn injury following a mass casualty event. Reports and Other Data Deliverables	\$21,786,346	\$1,633,976	\$23,420,322

2	ADTICLE CO	CTATEMENT OF MODIZ	is horobry versiced to venless the	Ctatoment of Morle data from	28 September 2012 to 18 August 2014
	ARIULEL	STATE WIE IN LUE WURK	is necessively revised to replace the	Statement of Work date from	- 20 September 2012 to 10 Allonsi 2014

4. ARTICLE F.2., DELIVERABLES, is hereby deleted in its entirety and replaced with the following:

Successful performance of the final contract shall be deemed to occur upon performance of the work set forth in the Statement of Work dated 18 August, 2014 set forth in SECTION J-List of Attachments of this contract and upon delivery and acceptance, as required by the Statement of Work, by the Contracting Officer, or the duly authorized representative, of the following items in accordance with the stated delivery schedule:

The items specified below as described in the REPORTING REQUIREMENTS Article in SECTION C of this contract and the Statement of Work dated 18 August 2014 set forth in SECTION J-List of Attachments will be required to be delivered F.O.B. Destination as set forth in FAR 52.247-34, F.O.B. DESTINATION, (NOVEMBER 1991), and in accordance with and by the date(s) specified below and any specifications stated in SECTION D, PACKAGING, MARKING AND SHIPPING, of this contract. All reports identified below relate solely to the development activity funded under this contract:

The Cytori Deliverables Schedule is hereby modified as attached, beginning with the contract Base Period. The General Deliverables remain the same.

5. ARTICLE G.1., CONTRACTING OFFICER, is hereby deleted in its entirety and replaced with the following:

The following Contracting Officer (CO) will represent the Government for the purpose of this contract:

Thomas P. Hastings, Contracting Officer DHHS/OS/ASPR/AMCG 330 Independence Avenue, S.W. Room G644 Washington, D.C. 20201 E-mail: phil.hastings@hhs.gov

6. ARTICLE G.11. EXERCISE OF OPTIONS, is hereby deleted in its entirely and replaced with the following:

Unless the Government exercises its option pursuant to the Option Clause set forth in Section I, Article I.2, the contract will consist only of CLIN 0001 and CLIN 0002 of the Statement of Work, Deliverables and Requirements as defined in Sections C, F and J of the contract. Pursuant to FAR Clause 52.217-9 (Option to Extend the Term of the Contract) set forth in Section I of this contract, under Article I.2, the Government may, by unilateral contract modification, require the Contractor to perform the additional CLINs listed in Section B, Article B.3., and as also defined in Sections C, F and J of this contract. If the Government exercises an option, written notice must be given to the Contractor within 30 days after the Government has completed its analysis of the deliverables associated with the applicable GO/NO-GO Decision gates; and the Government must give the Contractor a preliminary written notice of its intent to exercise the option at least 30 days before the contract expires. The amount of the contract may then be increased as set forth in Section B, Article B.3 provided that funds are available.

7. SECTION J – LIST OF ATTACHMENTS, Attachment 1. STATEMENT OF WORK is hereby deleted in its entirety and replaced with the following (attached):

Attachment 1. Statement of Work, dated 18 August, 2014.

8. In Block 14 of the SF26, the following CAN information is added: CAN# 1992003: FY 14 \$12,080,934

All other terms and conditions of the contract remain unchanged.