

**UNITED STATES GOVERNMENT  
GENERAL TERMS & CONDITIONS (GT&C)  
FS Form 7600A**

Agreement Between Federal Program Agencies for Intragovernmental Reimbursable, Buy/Sell Activity. In Accordance with TFM Volume 1, Part 2, Chapter 4700, Appendix 6, Section 9.

[https://www.fiscal.treasury.gov/fservices/gov/acctg/g\\_invoice/g\\_invoice\\_home.htm](https://www.fiscal.treasury.gov/fservices/gov/acctg/g_invoice/g_invoice_home.htm)

G-Invoicing Required Fields have an ( \* )

NEW OR MODIFIED GT&C			
*General Terms and Conditions (GT&C) Number		GT&C Number: 80GSFC20T0057	
		Modification Number:	
AGENCY INFORMATION			
1.	Requesting Agency (Buyer)		Servicing Agency (Seller)
	*Agency Identifier (AID)		
	*Agency Location Code (ALC)		80000002
	*Agency Name		00003801
	*Agency Address		NASA Goddard Space Flight Center
	Cost Center		United States Space Force (USSF)
	Business Unit		8800 Greenbelt Road Greenbelt, MD 20771
	Department ID		1201 Edward H White II St Patrick Air Force Base, FL 32925
GT&C INFORMATION			
2.	GT&C Title	US Space Force - SHADOZ	
3.	Agency Agreement Tracking Number	80GSFC20T0057	
4.	*Agreement Period	Start Date (mm/dd/yyyy): 10/01/2020	End Date (mm/dd/yyyy): 09/30/2024
5.	Termination Days		
6.	*Agreement Type	<input type="radio"/> Single Order <input checked="" type="radio"/> Multiple Order	
7.	*Advance Payment Indicator	Are Advance Payments allowed for this GT&C? <input type="radio"/> Yes <input checked="" type="radio"/> No *If "Yes", the Requesting Agency Advance Payment Authority Title and Citation are required upon creation of an Order against this GT&C.	
	*Assisted Acquisition Indicator	Will this GT&C accommodate Assisted Acquisitions? <input type="radio"/> Yes <input checked="" type="radio"/> No *If "Yes", the Servicing Agency provides acquisition support in awarding and managing contracts on behalf of the Requesting Agency's requirements for products or services. Lines 17 & 18 below for additional detail.	
ESTIMATED AGREEMENT AMOUNT			
9.	Total Direct Cost Amount	<div></div>	
	Total Overhead Fees and Charges Amount		
	*Total Estimated Amount		

	Enforce Total Remaining Amount	Should G-Invoicing enforce the total value of orders to remain below the Total Amount on the GT&C? <input type="radio"/> Yes <input checked="" type="radio"/> No If "Yes", G-Invoicing will not allow Order total to exceed the GT&C total.
<b>ADDITIONAL AGREEMENT INFORMATION</b>		
10.	Explanation of Overhead Fees and Charges	N/A
11.	Requesting Scope	The United States Space Force will provide support to NASA at Ascension Island for the purpose of launching weather balloons. See attached USAF Balloons TC's
12.	Requesting Roles	See attached "USSF Balloons TC's" for detailed information
13.	Servicing Roles	See attached "USSF Balloons TC's" for detailed information
14.	Restrictions	See attached "USSF Balloons TC's" for detailed information
15.	Assisted Acquisition Small Business Credit Clause	The Servicing Agency will allocate the socio-economic credit to the Requesting Agency for any contract actions it has executed on behalf of the Requesting Agency.
16.	Disputes	Disputes related to this GT&C and any related Orders shall be resolved in accordance with instructions provided in the Treasury Financial Manual (TFM) Volume I, Part 2, Chapter 4700, Appendix 6; Intragovernmental Transaction (IGT) Guide, at <a href="http://tfm.fiscal.treasury.gov/content/tfm/v1/p2/c470.html">http://tfm.fiscal.treasury.gov/content/tfm/v1/p2/c470.html</a>
17.	Requesting Assisted Acquisitions	N/A
18.	Servicing Assisted Acquisitions	N/A
19.	Requesting Clauses	See attached "USSF Balloons TC's" for detailed information
20.	Servicing Clauses	See attached "USSF Balloons TC's" for detailed information
<b>CLOSE GT&amp;C</b>		
21.	Closing Date (mm/dd/yyyy):	
	Brief explanation required for closing this GT&C prior to the original End Date resulting in early termination:	
<b>PREPARER INFORMATION</b>		
22.	*Prepared Name	Bria Cromartie Whitehead
	*Prepared Phone	301-286-5081
	*Prepared E-mail	bria.d.cromartiwhitehead@nasa.gov

**AGREEMENT APPROVALS**

By signing this agreement, you authorize the General Terms and Conditions as stated, and that the scope of the work can be fulfilled. By signing, you agree to periodically review the terms and conditions of the agreement and make any necessary modifications to the GT&C and any affected Order(s).

		Requesting Initial Approval (required)	Servicing Initial Approval (required)
23.	*Date (mm/dd/yyyy)		
	*Approver's Name	Alexis N. Harris	Christopher B. James, Lt Col
	*Signature:	ALEXIS HARRIS <small>Digitally signed by ALEXIS HARRIS Date: 2020.09.29 12:32:55 -04'00'</small>	JAMES.CHRISTOPHER.BURTON.1040984565 <small>Digitally signed by JAMES.CHRISTOPHER.BURTON.1040984565 Date: 2020.10.01 15 12 28 -04'00'</small>
	Title	Contracting Officer	Commander, 45 Comptroller
	*E-mail	alexis.n.harris@nasa.gov	christopher.james.3@spaceforce.mil
	*Phone	301-286-5190	321-494-7218
	Fax		
		Requesting Final Approval (required)	Servicing Final Approval (required)
24.	*Date (mm/dd/yyyy)		
	*Approver's Name	Alexis N. Harris	Douglas A. Schiess, Brig Gen
	*Signature:	ALEXIS HARRIS <small>Digitally signed by ALEXIS HARRIS Date: 2020.09.29 12:33:24 -04'00'</small>	SCHIESS.DOUGLAS.A.1178423009 <small>Digitally signed by SCHIESS.DOUGLAS.A.1178423009 Date: 2020.10.02 13:11:20 -04'00'</small>
	Title	Contracting Officer	Commander, 45th Space Wing
	*E-mail	alexis.n.harris@nasa.gov	douglas.schiess@spaceforce.mil
	*Phone	301-286-5190	321-494-4500
	Fax		

## **BACKGROUND**

The United States Air Force will provide support at Ascension Island for the purpose of launching weather-balloon-borne ozonesonde-radiosonde packages into the stratosphere for validation of NASA ozone-measuring satellites. As the balloon ascends, the data is transmitted back to ground; at termination of the sounding, the data is transmitted electronically to NASA. This activity will be operated at Ascension for the Southern Hemisphere Additional Ozonesondes (SHADOZ) using the Upper Air Weather facility once operated by the National Weather Service (NWS). Ascension Island has been a collection point for ozonesonde data providing a unique location for tropospheric and lower stratospheric ozone data. This project is necessary and essential in that it will help fill a very critical gap in upper air data that contributes in a positive manner to weather and climate models. Ozonesondes, small expendable devices, launched with standard radiosondes, are required to validate the satellite measurements. Long-term, highly accurate, stable environmental observations are essential to define the state of the global integrated climate system, to understand its history and to predict its future variability and change.

### **A. PURPOSE AND SCOPE**

#### **ARTICLE A0001 – AUTHORITY**

This Interagency Agreement is pursuant to the National Aeronautics and Space Act 51 U.S.C. § 20113(e) (f). This authority will be used in lieu of 31 U.S.C. § 1535 – The Economy Act.

(End of Article)

#### **ARTICLE A002 – PURPOSE**

[ ] Acceptance – Civilian Agency

This document describes the General Terms and Conditions (hereinafter “GT&C”) that govern the Interagency Agreement (IAA) between the National Aeronautics and Space Administration (NASA), Goddard Space Flight Center (GSFC), (hereinafter “Requesting Agency”) and United States Air Force (USAF) (hereinafter “Servicing Agency”).

(End of Article)

#### **ARTICLE A003 – SCOPE OF WORK**

The purpose of this Interagency Agreement is to validate ozone measurements from NASA satellites and to record ozone variability in the troposphere and stratosphere and ‘recovery’ of global ozone loss over multi-decade periods.

The objectives of collecting ozonesonde-radiosonde data from Ascension are to:

- (a) validate ozone measurements from NASA satellites
- (b) to record ozone variability in the troposphere and stratosphere and ‘recovery’ of global ozone loss over multi-decade periods.

The ground station consists of a Lockheed-Martin-Sippican radiosonde receiver setup with antenna and calibration unit for ozonesonde preparation with sensing solutions. For each launch, NASA shall supply all expendables that consist of a radiosonde and ozonesonde with payout reel, optional parachute, and a weather balloon.

The US Air Force Personnel will prepare ozonesondes for launch with radiosondes using provided equipment and expendables. They will collect sonde data and transmit it electronically to NASA/Goddard Space Flight Center.

Ozonesonde-radiosonde launches are required weekly or every other week, depending on resources, and are requested mid-week, at approx. 1300 hours local. Total time required per launch is 6-8 hours, including preparation one week prior to launch.

Test Resources:

Test Equipment. Ground Station: radiosonde receiving station and antenna; ozonesonde calibration unit. Expendables: radiosondes, ozonesondes, balloons, payout reels.

Test Site Requirements. Request use of the Upper Air Weather facility as Ascension formerly operated by the National Weather Service (NWS). Only the balloon bay space and part of one office or preparation lab are required for preparation of the sonde package, storing of helium tanks and expendables. Total about 240 cu feet.

Test Site Construction. None anticipated. Existing building and space should suffice.

Range Support Requirements. Weekly or every other week launch to be provided by the 45 SW. NASA Goddard Space Flight Center will provide training of operator(s). The Balloon launches should not interfere with other Ascension operations.

Hazards: No hazards are anticipated.

USAF 45 SW Operations: Radiosonde frequency for transmission during launch (approx. 3 hours) is 403 or 404 or 405 Mhz. Ozone concentration, pressure, temperature, humidity and winds from surface to approx. 100,000 feet will be collected and transmitted until the weather balloon bursts. Expendables are “lost” and are not recoverable.

## **B. TERMS AND CONDITIONS**

### **ARTICLE B001 – POINTS OF CONTACT**

Requesting Agency Contracting Officer:

Alexis Harris, Code 210.5  
[Alexis.N.Harris@nasa.gov](mailto:Alexis.N.Harris@nasa.gov)  
(301) 286-1590

Requesting Agency Contract Specialist:

Bria Cromartie Whitehead, Code 210.5  
[Bria.D.Cromartiwhitehead@nasa.gov](mailto:Bria.D.Cromartiwhitehead@nasa.gov)  
(301) 286-5081

Requesting Agency Technical Monitor:

Dr. Anne Thompson  
[Anne.M.Thompson@nasa.gov](mailto:Anne.M.Thompson@nasa.gov)  
(301) 614-5905

The Technical Monitor does not have the authority to change the scope of work, the amount of funding, or any other terms of this Interagency Agreement.

Servicing Agency Point of Contact(s):

Eric Uhle  
 Program Manager  
[Albert.uhle.3@us.af.mil](mailto:Albert.uhle.3@us.af.mil)  
 (801) 879-9739

Updates to the points of contact above may be made without the issuance of a formal NASA Form 523 (NF 523) Interagency Agreement modification. However, written notification with the appropriate contact information is to be provided to all current points of contact when such changes are made. This section of the Interagency Agreement will be updated upon the issuance of the next formal amendment.

(End of Article)

**ARTICLE B002 – ORDERING AND ACCEPTANCE**

The Servicing Agency shall provide written acceptance no later than 30-days after receipt of this Interagency Agreement. The Servicing Agency shall provide acceptance of this order to the Requesting Agency Contract Specialist via email or other method of acceptance (e.g. letter, fax, other Government form, etc.). The acceptance shall cite the Interagency Agreement number, title, and the name, title, and signature of the accepting official, including address, telephone number, and email address.

(End of Article)

**ARTICLE B003 – FUNDING**

The total amount of funding required for the completion of all work under this Interagency Agreement is \$39,745.83. The amount of funding the Requesting Agency has available at the issuance of this Interagency Agreement is \$39,745.83, which fully funds this Interagency Agreement. If the Servicing Agency at any time concludes that the completion of work under this Interagency Agreement will cost more or less than this amount, the Servicing Agency shall promptly notify the Requesting Agency Contracting Officer, Contract Specialist, and Technical Monitor. Any change in the amount of the Interagency Agreement shall be approved by the Requesting Agency Contracting Officer and executed through a formal modification to the Interagency Agreement. Any modification is subject to the approval and acceptance of the Servicing Agency. However, the de-obligation of funds may be unilateral if based on a final voucher or invoice submission.

The estimated value of this Interagency Agreement is as follows:

	Amount
Base Year	\$39,745.83
Option 1	\$40,687.39
Option 2	\$41,498.15
Option 3	\$42,326.73
Total Base	\$39,745.83

(End of Article)

**ARTICLE B004 – PERIOD OF PERFORMANCE**

The Terms and Conditions described herein will be effective when signed by the Requesting Agency Contracting Officer and accepted by the authorized Servicing Agency official.

The period of performance of this Interagency Agreement is as follows:

	Period of Performance
Base Year	October 1, 2020 – September 30, 2021
Option 1	October 1, 2021 – September 30, 2022
Option 2	October 1, 2022 – September 30, 2023
Option 3	October 1, 2023 – September 30, 2024

(End of Article)

## **ARTICLE B005 – INVOICE AND PAYMENT**

The Requesting Agency will pay the Servicing Agency for the firm-fixed price of the order awarded consistent with the Terms and Conditions herein and as specified on the 7600A and 7600B.

Use of the Intra-Governmental Payment and Collection (IPAC) System is encouraged. However, SF1080/SF 1081 or equivalent form may be used. Information about IPAC is available at: <http://www.fms.treas.gov/ipac/index.html>. The invoice shall include the (1) Interagency Agreement number, (2) description of supplies/services, and (3) Servicing Agency payment contact name, email address, and telephone number.

Invoices may include amounts due under any order issued as a result of this Interagency Agreement plus any assisted reimbursable service charge identified in 7600A and 7600B to this Interagency Agreement. Each IPAC or SF 1080/1081 is to identify whether the amount invoiced is for the order or service charge. Each amount is to be separately identified if included on the same invoice.

The Servicing Agency shall initiate a final IPAC transfer or final SF 1080/1081 within 6-months after the completion date of the Interagency Agreement. This final IPAC transfer or final SF 1080/1081 shall ensure the service charge conveyed in the respective 7600A and 7600B and the total awarded amount have been invoiced. If a final invoice is not submitted within this time period, the Requesting Agency will issue written notice to the Servicing Agency requesting the final invoice. Within 60-days of this written notification, if the Servicing Agency does not either, 1) submit a final invoice or, 2) request an extension, all remaining funds will be deobligated from the Interagency Agreement without further communication to the Servicing Agency. Any extended period for submission of the final invoice will be by mutual written agreement of both Agencies.

### Requesting Agency Billing Office Address:

NASA Shared Services Center  
Financial Management Division (FMD)  
Accounts Payable  
Bldg. 1111, C Road  
[NSSC-AccountsPayable@nasa.gov](mailto:NSSC-AccountsPayable@nasa.gov)  
Stennis Space Center, MS 39529-6000

### Requesting Agency Billing Information:

NASA Goddard Space Flight Center  
Business Event Type Code (BETC): DISB  
Agency Location Code: 80000002  
OMB Max Code: 02600  
DUNS Number: 004968611  
CAGE Code: 36FC1  
Tax ID Number: 30005004 (MD)



**Servicing Agency Billing Information:**

United States Air Force  
Event Type Code: COLL  
Agency Location Code: 13-14-0001  
DUNS Number: 156140209  
CAGE Code: 1300  
Tax ID Number: 52-0821608

(End of Article)

**ARTICLE B006 – Interagency Agreement Termination**

The Requesting Agency or Servicing Agency may terminate the Interagency Agreement prior to its expiration by written notice providing at least 60 calendar days. If the Interagency Agreement is cancelled, any implemented contract/order may also be cancelled. If the Interagency Agreement is terminated, the agencies shall specify the terms of the termination, including cost attributable to each party and the disposition of the awarded and pending actions.

If the Servicing Agency terminates the Interagency Agreement, it shall return all funds received under this Interagency Agreement except for those costs expended by the Servicing Agency and contractor(s) for services and deliverables already accepted by the Requesting Agency. If the Requesting Agency terminates the Interagency Agreement, the Servicing Agency is authorized to collect costs incurred prior to the cancellation of the Interagency Agreement, plus any order termination administration costs incurred by the Servicing Agency, up to the total of the Requesting Agency's payment obligations provided for under the Interagency Agreement.

If the Servicing Agency incurs costs due to the Requesting Agency's failure to give the requisite notice of its intent to terminate the Interagency Agreement, the Requesting Agency shall pay any actual costs incurred by the Servicing Agency as a result of the delay in notification, provided such costs are directly attributable to the failure to give notice. Within 60 calendar days following receipt of notification of termination, the Servicing Agency shall return all funds that have not been costed or expended.

(End of Article)

**Article B007 – Resolution of Disagreements**

Should disagreements arise on the interpretation of the provisions of the Interagency Agreement or amendments and or revisions that cannot be resolved at the operating level, the area(s) of disagreement shall be stated in writing by each Agency and presented to the other for consideration. If agreement or interpretation is not reached within 30 calendar days, the Agencies shall forward the written presentation of the disagreement to the respective higher officials for appropriate resolution. If a dispute related to funding remains unresolved for more than 30 calendar days after the parties have engaged in an escalation of the dispute, disputes will be resolved in accordance with the instructions provided in the Treasury Financial Manual (TFM) Volume I, Part 2, Chapter 4700, Appendix 10 which is available at <http://www.fms.treas.gov/tfm/index.html>.

(End of Article)

**ARTICLE B008 – Liability**

The Requesting Agency and Serving Agency agrees to assume liability for its own risk arising from or related to activities undertaken pursuant to the Interagency Agreement.

(End of Article)



## **ARTICLE B009 – NASA Furnished Property**

There is no NASA property that is to be provided as Government Furnished Property under this Interagency Agreement.

## **ARTICLE B010 – Contract or Order Termination, Disputes, and Protests**

If a contract or order awarded pursuant to this Interagency Agreement is terminated or cancelled or a dispute or protest arises from specifications, solicitation, award, performance or termination of a contract, appropriate action will be taken in accordance with the terms of the contract and applicable laws and regulations. The maximum termination cost is up to the amount obligated on the order. The Requesting Agency shall be responsible for all valid contractor claims or court-ordered contractor recoveries associated with termination, disputes, and protests, including settlement costs, except that the Requesting Agency shall not be responsible to the Servicing Agency for costs associated with actions that stem from errors in performing the responsibilities assigned to the Servicing Agency. The Servicing Agency will give consideration to any facts or opinions of the Requesting Agency regarding the equity of any proposed settlement agreement. The Servicing Agency shall consult with the Requesting Agency before agreeing to a settlement or payments to ensure that the Servicing Agency has adequate time in which to raise or address any fiscal or budgetary concerns arising from the proposed payment or settlement.

(End of Article)

## **ARTICLE B011 – Interagency Agreement Interpretation**

If the Servicing Agency and Requesting Agency are unable to agree about a material aspect of this Interagency Agreement, the parties agree to engage in an effort to reach mutual agreement in the proper interpretation of this Interagency Agreement, including amendment(s) of this Interagency Agreement, as necessary, by escalating the dispute within their respective organizations.

If a dispute related to funding remains unresolved for more than sixty (60) calendar days after the parties have engaged in an escalation of the dispute, the parties agree to refer the matter to their respective Agency Chief Financial Officers (CFO) with a recommendation that the parties submit the dispute in accordance with the Treasury Financial Manual, Appendix 10, Intragovernmental Transaction (IGT) Guide, or subsequent guidance.

(End of Article)

## **ARTICLE B012 - Data Rights, Patent Rights & Reportable New Technology – Interagency Acquisitions**

Any contract by the servicing agency that uses funds provided by this interagency order and that—

- (1) Requires the development of software shall explicitly identify the “executable or object code, source code listings and related design details” as contract deliverables. Software development for Government needs should not be undertaken under a grant; however, it is recognized that software may be created as an ancillary byproduct of the research done under a grant.
- (2) Involves research and development and uses funds provided by this interagency order shall include the Part 27 clauses required by the Federal Acquisition Regulation as supplemented or changed by the NASA FAR Supplement. If the contract is with other than a small business firm or nonprofit organization, the NASA New Technology clause (1852.227-70) must be included in the contract. In addition, prime contractors having subcontracts with other than a small business firm or nonprofit organization must flow down the New Technology clause. If the contract is with a small business or nonprofit organization, then FAR 52.227-11 Patent Rights—Ownership by the Contractor as modified by NFS 1852.227-11 should be included.

Invention disclosures and reportable technology that result from NASA funds shall be promptly sent to the New Technology Representative in the NASA/GSFC Innovative Partnerships Program Office, Mail Code 504, or Patent Representative in the NASA/GSFC Patent Counsel Office, Mail Code 140.1, Goddard Space Flight Center, Greenbelt, MD 20771.

(End of Article)

#### **ARTICLE B013 – Technical Monitor**

The Technical Monitor for this Interagency Agreement is listed below. The Technical Monitor does not have the authority to change the scope of work, the amount of funds, or other terms of this order.

Dr. Anne Thompson  
[Anne.M.Thompson@nasa.gov](mailto:Anne.M.Thompson@nasa.gov)  
(301) 614-5905

NASA Goddard Space Flight Center  
8800 Greenbelt Road – Bldg. 33, Rm. E413  
Greenbelt, MD 20771

#### **NASA FAR SUPPLEMENT CLAUSES INCORPORATED INTO AGREEMENT**

1852.223-75 Major Breach of Safety or Security (with Alternate I) (FEB 2006)

(End of text)