PERFORMANCE WORK STATEMENT (PWS)

FOR

Internet Services
Dedicated 2 adjustable to 10 GIG commercial fiber Services
28 May 2026

1.0 General:

1.1 Scope: The contractor shall provide all personnel, equipment, tools, materials, supervision, and quality control necessary, except as specified in Paragraph 3.0 as Government Furnished, to perform management of Internet dedicated 2 adjustable to 10GIG Commercial Fiber Services, as defined in this PWS. The contractor shall provide flat rate unlimited fiber internet service in buildings 107, 207 (TEC Activity Center), 400, 401, 402, 404, 406 A/B (Vitzhum Hall), 408 A/B (Alexander Hall), 410 A/B/C (Lankford Hall), 412 A/B/C (Moon Hall), 414 A/B, 416, 418 with wireless access to support users and broadcast streaming.

1.1.1 Objectives: The purpose of the dedicated internet is to enhance the learning and the growth of the TEC's technological diversity, provide and deliver content across all Air National Guard user platforms, handles course registration course administration, skill gap analysis, tracking, and reporting. The TEC will use the dedicated line to broadcast content, launch courseware to the Air National Guard to assist in accomplishing AFSC upgrade training and to furnish video data for Just-In-Time (JIT) training, create an Internet of Things as well as a Smart Campus. It is a requirement to provide high speed wireless internet to all buildings on TEC's campus.

1.2 Background: The Training and Education Center provides Professional Military Education to thousands of students yearly. In order to provide the most valuable learning environment available it is a requirement to provide commercial internet to the campus. Video production, distribution and online campus will be our top priority in addition to a smart campus including IOT. These projects will require a high speed connection. A dedicated 2 adjustable to 10 Gigabit line will be critical to the success of these projects.

1.3 Period of Performance (PoP): The Period of Performance shall be 1 Base Year of 12 months and 4 option years (with an Option to extend).

Base Year: 28 Sep 2026 – 27 Sep 2027
Option Year 1: 28 Sep 2027 to 27 Sep 2028
Option Year 2: 28 Sep 2028 – 27 Sep 2029
Option Year 3: 28 Sep 2029 – 27 Sep 2030
Option Year 4: 28 Sep 2030 – 27 Sep 2031
Option to Extend Services: 28 Sep 2031 - 28 Mar 2032

1.4 General Information:

1.4.1 Place and Performance of Services: The contractor shall provide services between the hours of 0730-1630 Monday through Friday, except on recognized US holidays or when the Government facility/installation is closed due to local or national emergencies, administrative closings, or similar Government-directed facility/installation closings. Performance shall be at McGhee Tyson ANGB, Training and Education Center, 107, 207 (TEC Activity Center), 400, 401, 402, 404, 406 A/B (Vitzhum Hall), 408 A/B (Alexander Hall), 410 A/B/C (Lankford Hall), 412 A/B/C (Moon Hall), 414 A/B, 416, 418. The contractor shall at all times maintain an adequate work force for the uninterrupted performance of all tasks defined within this PWS when the Government facility/installation is not closed for the above reasons. When hiring personnel, the contractor shall keep in mind that the stability and continuity of the work force are essential. Teleworking is authorized.

1.4.1.1 Reserved

1.4.1.2 Unscheduled gate closures by the Security Police may occur at any time causing all personnel entering or exiting a closed installation to experience a delay. This cannot be predicted or prevented. Contractors are not compensated for unexpected closures or delays. Vehicles operated by contractor personnel are subject to search pursuant to applicable regulations. Any moving violation of any applicable motor vehicle regulation may result in the termination of the contractor employee's installation driving privileges.

1.4.1.3 The contractor's employees shall become familiar with and obey the regulations of the installation; including fire, traffic, safety and security regulations while on the installation. Contractor employees should only enter restricted areas when required to do so and only upon prior approval. All contractor employees shall carry proper identification with them at all times, and shall be subject to such checks as may be deemed necessary. The contractor shall ensure compliance with all regulations and orders of the installation, which may affect performance. The Government reserves the right to direct the removal of an employee from Government property or revoke access to Government systems for misconduct, security reasons, or any overt evidence of communicable disease. Removal of contractor employees for reasons stated above does not relieve the Contractor from responsibility for total performance of this contract.

1.4.2 Recognized Holidays: The following are recognized United States (US) holidays. The contractor shall not perform services on these days:

1.4.3.1 New Year's Day: January 1st
1.4.3.2 Martin Luther King, Jr.'s Birthday
1.4.3.3 President's Day
1.4.3.4 Memorial Day
1.4.3.5 Juneteenth National Independence Day: June 19th
1.4.3.6 Independence Day: July 4th
1.4.3.7 Labor Day

1.4.3.8 Columbus Day
1.4.3.9 Veteran's Day: November 11th
1.4.3.10 Thanksgiving Day
1.4.3.11 Christmas Day: December 25th

1.4.3 Reserved

1.4.4 Quality Assurance (QA): The Government will evaluate the contractor's performance under this contract in accordance with the Quality Assurance Surveillance Plan (QASP). This plan is primarily focused on what the Government will do to ensure that the contractor has performed in accordance with the performance standards. It defines how the performance standards will be applied, the frequency of surveillance, and acceptable quality level(s) or defect rate(s).

1.4.5 Access and General Protection/Security Policy and Procedures. The contractor shall comply with all applicable installation/facility access and local security policies and procedures, which may be obtained from the Contracting Officer's Representative (COR). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by the local installation's Security Forces, Director of Emergency Services or local Security Office. The contractor shall ensure compliance with all personal identity verification requirements as directed by DoD, Headquarters Air Force (HAF) and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes.

1. The contractor shall obtain base identification and vehicle passes, if required, for all contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. Contractor personnel are required to wear or prominently display installation identification badges or contractor-furnished, contractor identification badges while visiting or performing work on the installation.

2. The contractor shall submit a written request on company letterhead to the contracting officer listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The contracting officer will endorse the request and forward it to the issuing base pass and registration office or Security Forces for processing. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver s license, current vehicle registration, valid vehicle insurance certificate, and [insert any additional requirements to comply with local security procedures] to obtain a vehicle pass.

3. During performance of the contract, the contractor shall be responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site.

4. When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with.

5. Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office.

6. Failure to comply with these requirements may result in withholding of final payment.

1.4.5.1 Reserved

1.4.5.2 For Contractors that do not require CAC, but require access to a DoD Facility and/or Installation. Contractor and all associated sub-contractors employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (Air Force Instruction (AFI) 10-245, AFI 31-101 and Air Force Manual (AFMAN) 31-113), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by Government representative)

1.4.5.5 Communications Security/Information Technology (COMSEC/IT) Security. All communications with DoD organizations are subject to COMSEC review. All telephone communications networks are continually subject to intercept by unfriendly intelligence organizations. DoD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls originating from, or terminating at, DoD organizations. Therefore, the contractor is advised that any time contractor personnel place or receive a call they are subject to COMSEC procedures. The contractor shall ensure wide and frequent dissemination of the above information to all employees dealing with DoD information. The contractor shall abide by all Government regulations concerning the authorized use of the Government's computer network, including the restriction against using the network to recruit Government personnel or advertise job openings.

1.4.6 Physical Security. The contractor shall safeguard all Government property provided for contractor use. At the close of each work period, Government facilities, equipment and materials shall be secured.

1.4.7 Reserved

1.4.8 Post Award Conference/Periodic Progress Meetings: The contractor agrees to attend any post award conference convened by the KO in accordance with FAR 42.5. The KO, COR and other Government personnel, as appropriate, may meet periodically with the contractor to review the contactor’s performance. At these meetings, the KO will apprise the contractor of how the Government views the contractor’s performance and the contractor shall apprise the Government of problems, if any, being experienced.

The contractor shall resolve outstanding issues raised by the Government. Contractor attendance at these meetings shall be at no additional cost to the Government.

1.4.9 Contract Manager (CM): The contactor shall designate a CM who shall ensure performance under this contract. The name of this person, and an alternate who shall act for the contractor when the CM is absent, shall be designated in writing to the KO. The CM or alternate shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract. The CM shall work through the COR, to resolve issues, receive technical instructions, and ensure adequate performance of services. The CM shall ensure that contractor employees do not perform any services outside the scope of the contract without an official modification issued by the KO. The CM shall ensure contractor employees understand that services performed outside the scope of the contract are performed wholly at the expense of the contractor.

1.4.10 Identification of Contractor Employees: All contractor personnel attending meetings, answering Government telephones and working in other situations where their contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression that they are Government employees. The contractor shall ensure that all documents or reports produced by contractor personnel are suitably marked as contractor products or that contractor participation is appropriately disclosed. The contractor's status as a "contractor" shall be predominantly displayed in all correspondence types (to include signature blocks on e-mail) and dealings with Government or non-Government entities.

1.4.11. Combating Trafficking in Persons: The United States Government has adopted a zero tolerance policy regarding trafficking in persons. Contractors and contractor employees shall not engage in severe forms of trafficking in persons during the period of performance of the contract; procure commercial sex acts during the period of performance of the contract; or use forced labor in the performance of the contract. The Contractor shall notify its employees of the United States Government's zero tolerance policy, the actions that will be taken against employees for violations of this policy. The contractor shall take appropriate action, up to and including termination, against employees or subcontractors that violate the US Government policy as described at FAR 22.17.

1.4.12 Reserved

1.4.13 Data Rights: The Government has unlimited rights to all documents/materials produced under this contract. All documents and materials, to include the source codes of any software, produced under this contract shall be Government owned and are the property of the Government with all rights and privileges of ownership/copyright belonging exclusively to the Government. These documents and materials may not be used or sold by the contractor without written permission from the KO. All materials supplied to the Government shall be the sole property of the Government and may not be used for any other purpose. This right does not abrogate any other Government rights.

1.4.14 Organizational Conflicts of Interest (OCI): The contractor and subcontractor personnel performing services under this contract may receive, have access to or participate in the development of proprietary or source selection information (e.g., cost or pricing information, budget information or analyses, specifications or work statements, etc.) or perform evaluation services which may create a current or subsequent OCIs, as defined in FAR Subpart 9.5. The contractor shall notify the KO immediately whenever it becomes aware that such access or participation may result in any actual or potential OCI and shall promptly submit a plan to the KO to avoid or mitigate any such OCI. The contractor's mitigation plan will be determined to be acceptable solely at the discretion of the KO. In the event the KO unilaterally determines that any such OCI cannot be satisfactorily avoided or mitigated, the KO may impose other remedies as he or she deems necessary, including prohibiting the contractor from participation in subsequent contracted requirements which may be affected by the OCI.

1.4.15 Reserved

2.0 Definitions and Acronyms:

2.1 Definitions:

2.1.1 Contractor: A supplier or vendor awarded a contract to provide specific supplies or service to the Government. The term used in this contract refers to the prime.

2.1.2 Defective Service: A service output that does not meet the standard of performance associated with the PWS.

2.1.3 Deliverable: Anything that can be physically delivered and includes non-manufactured things such as meeting minutes or reports.

2.1.4 Key Personnel: Contractor personnel that are evaluated in a source selection process and that may be required to be used in the performance of a contract by the PWS. When key personnel are used as an evaluation factor in best value procurement, an offer can be rejected if it does not have a firm commitment from the persons that are listed in the proposal.

2.1.5 Physical Security: Actions that prevent the loss or damage of Government property.

2.1.6 Quality Assurance: The Government procedures to verify that services being performed by the Contractor are performed according to acceptable standards.

2.1.7 Quality Assurance Surveillance Plan (QASP): An organized written document specifying the surveillance methodology to be used for surveillance of contractor performance.

2.1.8 Quality Control: All necessary measures taken by the Contractor to ensure that the quality of an end product or service shall meet contract requirements.

2.1.9 Subcontractor: One that enters into a contract with a prime contractor. The Government does not have privity of contract with the subcontractor.

2.2 Acronyms:

AEI	Army Enterprise Infostructure
AR	Army Regulation
AT/OPSEC	Antiterrorism/Operational Security
BI	Background Investigation
CFP	Communications Focal Point
CM	Contract Manager
COR	Contracting Officer Representative
DA	Department of the Army
DD254	Department of Defense Contract Security Classification Specification
DFARS	Defense Federal Acquisition Regulation Supplement
DoD	Department of Defense
FAR	Federal Acquisition Regulation
GFP/M/E/S	Government Furnished Property/Material/Equipment/Services
HQDA	Headquarters, Department of the Army
HSPD	Homeland Security Presidential Directive
IA	Information Assurance
IS	Information System(s)
KO	Contracting Officer
NGB	National Guard Bureau
OCI	Organizational Conflict of Interest
PII	Personally Identifiable Information
PIPO	Phase In/Phase Out
POC	Point of Contact
PRS	Performance Requirements Summary
PWS	Performance Work Statement
QA	Quality Assurance
QASP	Quality Assurance Surveillance Plan
QC	Quality Control
QCP	Quality Control Program
SCR	Service Contract Reporting
SSN	Social Security Number
TE	Technical Exhibit
TEC	Training Education Center
USD(I)	Under Secretary of Defense for Intelligence

3.0 Government Furnished Property, Material, Equipment and Services (GFP/M/E/S): The Government will provide the property, material, equipment, and/or services listed below solely for the purpose of performance under this contract:

3.1 Reserved.

3.2 Reserved

3.3 Reserved

3.4 Reserved

3.5 Utilities: All utilities in the facility will be available for the contactor's use in the performance of this contract. The contractor shall instruct employees in utilities conservation practices. The contractor shall operate under conditions that preclude the waste of utilities, which include turning off the water faucets or valves after using the required amount.

4.0 Contractor Furnished Property, Materials, and Equipment (CFP/M/E):

Minimum:
Wi-Fi Ceiling/wall Mount APs
Wi-Fi Premium Port POE Switches
Wi-Fi Premium Port switch Power Supplies
On site survey

4.1 General: Except for those items specifically stated to be Government-Furnished in Paragraph 3.0, the contractor shall furnish everything required to perform these services as indicated in Paragraph 1.1.

4.2 Reserved

4.3 Reserved

5.0 Requirements: The contractor shall:

5.1 Provide all parts, labor and supervision in order to provide dedicated 2 to adjustable 10 Gig internet service that combines a symmetrical, dedicated connection with symmetrical bandwidth and provides reliable, high-performance connectivity

- ***Contractor shall provide all personnel and equipment to include upgrade(s) to the line, tools, maintenance, repair and or replacement of line and equipment, business managed security, technical support and any other components necessary for uninterrupted operations of fiber high speed internet service line for customer(s) 24 hours a day, 7 days a week.***

- ***Provide eight public IP addresses for fiber service.***
- ***Activate Asymmetrical bandwidths for up and download capability***
- ***Provide failure notification – from accessing the service or part of services due to operator error related to node operation, node hardware failure, node software failure, and network failure of unknown cause within 24***
- ***Provide 24/7 business and network managed support with 99% up time.***
- ***Ensure that internet service is available and uninterrupted. If loss of internet connectivity, the contractor shall respond within 24 hours, including Sundays and recognized government holidays.***
- ***Provide 24/7 Customer support for Access Points and Switches and install all equipment.***
- ***Install, test, and provide service within 30 days after receipt of order.***

5.2 Equipment: The contractor shall provide the following equipment:

- ***Access point Ceiling wall Mounts***
- ***Wi-Fi Premium Port POE Switches***
- ***Wi-Fi Premium Port switch Power Supplies***
- ***Any necessary inside wiring supplies***
- ***Router.***

5.3 ***Maintenance: Shall include the following:***

- ***Contractor shall respond within twenty-four (24) hours to any reported subscriber outages and within four (1) hour to all system outages affecting more than one (1) subscriber***
- ***The Contractor shall complete priority work orders within 24 hours and routine work orders within (72) hours. System outages will be restored within twenty-four (24) hours of initial notification. Priority work orders are defined as system outages, i.e. subscriber outages and Routine work orders are defined as Maintenance requirements.***
- ***Repair and replace leased cables and hardware when necessary***
- ***Provide all necessary hardware and software updates on contractor-supplied equipment***
- ***Provide business-hours telephone number and an emergency telephone number***
- ***Contractor shall contact I.G. Brown Training and Education Center 24 hours in advance of maintenance or service on contractor-owned cables and hardware that will impact internet connectivity.***
- ***Return I.G. Brown Training and Education Center staff calls regarding service within 4 hours***
- ***Provide Remote assistance Hardware maintenance, software maintenance, troubleshooting network connectivity issues, proactive monitoring of backbone, routers, switches and power supplies.***

- ***Shall drive to location for on-site assistance for hardware maintenance, replacement of contractor supplied equipment, if remote assistance will not suffice in these instances.***

5.4 Service Contract Reporting:

5.4.1 The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the National Guard Bureau via a secure data collection site.

The contractor shall completely fill in all required data fields using the following web address: https://sam.gov. Log in and select Entity Registrations and then select Service Contract Reporting.

The Contractor shall report the required information annually by October 31, for services performed under this contract during the preceding Government fiscal year (October 1-September 30).

The DoD Guidebook for Service Contract Reporting in SAM, available on the DoD Procurement Toolbox at https://dodprocurementtoolbox.com/site-pages/service-contract-reporting-scr. The General Services Administration (GSA) has also posted additional guidance such as quick start guides, informational videos, and frequently asked questions, that can be accessed by going to https://sam.gov and searching the "HELP" section. The SAM Federal User Guide is also available in the "HELP" section for comprehensive instructions on navigating SAM. Contractors requiring assistance using SAM should contact the Federal Service Desk at https://www.fsd.gov.

6.0 Applicable Publications: Publications applicable to this PWS are listed below:

Publication (Chapter/Page)	Date of Publication	Mandatory or Advisory	Website
Federal Acquisition Regulation			https://www.acquisition.gov/?q=browsefar
Defense Federal Acquisition Regulation Supplement			http://www.acq.osd.mil/dpap/dars/dfarspgi/current/index.html or https://www.acquisition.gov/dfars
Joint Travel Regulation (JTR)			https://www.defensetravel.dod.mil/site/travelreg.cfm
DoDM 1000.13-M-V1 DoD Identification (ID) Cards (Enclosure 2, paragraph 3.b)	01/23/2014 (Change 1: 07/28/2020)		http://www.esd.whs.mil/Directives/issuances/dodm
Federal Information Processing Standards (FIPS) Publication 201-2 Personal Identity Verification (PIV) of Federal Employees and Contractors (paragraph 9)	August 2013		http://nvlpubs.nist.gov/nistpubs/FIPS/NIST.FIPS.201-2.pdf
DoDM 5200.2 Procedures for the DoD Personnel Security Program (PSP)	04/03/2017		https://www.esd.whs.mil/Directives/issuances/dodm/
DoDI 5200.46	09/09/14 (Change 1: 05/04/2018)		https://www.esd.whs.mil/Directives/issuances/dodi/

DoD Investigative and Adjudicative Guidance for Issuing the Common Access Card (CAC)			
Homeland Security Presidential Directive (HSPD)-12 Policy for a Common Identification Standard for Federal Employees and Contractors	08/27/2004		https://www.dhs.gov/homeland-security-presidential-directive-12
DoDI 5400.11 Department of Defense Privacy and Civil Liberties Programs	01/29/2019		https://www.esd.whs.mil/Directives/issuances/dodi/
DoD 5400.11-R Department of Defense Privacy Program	05/14/2007		https://www.esd.whs.mil/Directives/issuances/dodm/
DoDD 8140.01 Cyberspace Workforce Management	10/05/2020		https://www.esd.whs.mil/Directives/issuances/dodd/
DoD 8570.01-M Information Assurance Workforce Improvement Program	12/19/2005 (Change 4: 11/10/2015)		https://www.esd.whs.mil/Directives/issuances/dodm/
DoD 5220.22-M National Industrial Security Program Operating Manual (NISPOM)	02/28/2006 (Change 2: 05/18/2016)		https://www.esd.whs.mil/Directives/issuances/dodm/
AFI 10-245 Antiterrorism	03/28/2013 (Certified current 03/30/2017)		https://www.e-publishing.af.mil/Product-Index/#/?view=pubs&orgID=10141&catID=1&series=-1&modID=449&tabID=131
AFI 31-101 Security Forces Standards and Procedures	08/18/2020		https://www.e-publishing.af.mil/Product-Index/#/?view=pubs&orgID=10141&catID=1&series=-1&modID=449&tabID=131
AFMAN 31-113 Security Forces Standards and Procedures	03/05/2013 Change 1: 12/02/2015		https://www.e-publishing.af.mil/Product-Index/#/?view=pubs&orgID=10141&catID=1&series=-1&modID=449&tabID=131
AFPD 17-1 Information Dominance Governance and Management	04/12/2016		https://www.e-publishing.af.mil/Product-Index/#/?view=pubs&orgID=10141&catID=1&series=-1&modID=449&tabID=131
AFMAN 17-1301 Computer Security (COMPUSEC)	02/12/2020		https://www.e-publishing.af.mil/Product-Index/#/?view=pubs&orgID=10141&catID=1&series=-1&modID=449&tabID=131
AFI 10-701 Operations Security	7/24/2019 (Change 1: 06/09/2020)		https://www.e-publishing.af.mil/Product-Index/#/?view=pubs&orgID=10141&catID=1&series=-1&modID=449&tabID=131

6.1 Applicable Forms: Forms applicable to the PWS are listed below:

Form	Date	Website
DD 1172-2 Application for Identification Card/DEERS Enrollment	Mar 2017	http://www.dtic.mil/whs/directives/forms/index.htm
I-9 Employment Eligibility Verification	10/21/2019	https://www.uscis.gov/sites/default/files/files/form/i-9.pdf
DD 441 Department of Defense Security Agreement	Feb 2020	http://www.dtic.mil/whs/directives/forms/dd/ddforms0001-0499.htm

DD 250 Material Inspection and Receiving Report	Aug 2000	https://www.esd.whs.mil/Directives/forms/dd0001_0499/

TECHNICAL EXHIBIT 1

Performance Requirements Summary (PRS)

This PRS includes performance objectives the Government will use to determine contractor performance and will compare contractor performance to the Acceptable Quality Level (AQL).

Performance Objective	Performance Standard	Acceptable Quality Levels (AQL)	Surveillance Method / By Whom
5.1 Install access switch, firewall appliance, router, related wiring and equipment	Initial: Installed within 30 days after receipt of order	100%	COR
5.1 Service and Repairs	Repair and replace leased cables and contractor supplied hardware when necessary	99%	COR
5.1 Provide 24/7 business and network managed support : Respond to Outages	Respond within twenty-four (24) hours to any reported subscriber outages and within four (1) hour to all system outages affecting more than one (1) subscriber	95%	COR
5.1 Provide 24/7 business and network managed support : Complete Work orders	Complete priority work orders within 24 hours and routine work orders within (72) hours. System outages will be restored within twenty-four (24) hours of initial notification	95%	
5.1 Ensure Uninterrupted Connectivity	Ensure that internet service is available and uninterrupted. If loss of internet connectivity, the contractor shall respond within 1 hour, including Sundays and recognized government holidays.	99%	COR

TECHNICAL EXHIBIT 2

Deliverables Schedule

PWS Reference / Deliverable Title	Frequency	Number of Copies	Medium/Format	Submit To
5.1 Testing plan	30 days after receipt of the order of the 2 to 10GIG line (must be on and passing traffic)	1	Electronic	KO
5.1 System Test Results	On completion of the system installation and prior to acceptance of the system by TEC	1	Electronic	KO
5.1 Correction of System Deficiencies	Deficiencies found during initial installation and testing will be corrected by the contractor prior to acceptance of the system by TEC	1	Electronic	COR