

PERFORMANCE BASED AGREEMENT  
BETWEEN  
THE COMMUNICATIONS-ELECTRONICS  
LIFE CYCLE MANAGEMENT COMMAND'S  
LOGISTICS READINESS CENTER  
AND  
TOBYHANNA ARMY DEPOT  
FOR  
THE LOGISTICS SUPPORT OF REPARABLE (B-16) ASSETS  
OF THE  
AN/TSQ-179Av(2) COMMON GROUND STATION



## 1. References

- 1.1. AR 70-1, Army Acquisition Policy, dated 31 December 2003: chapter 1-5. General Army acquisition policy and guidance, para x. (1)(d)
- 1.2. AR 70-1, Army Acquisition Policy, dated 31 December 2003: chapter 4-3 Support Strategy, paragraph b.(5)
- 1.3. AR 725-50 and the Logistics Codes & Terms Handbook dated July 1987
- 1.4. CGS Termination Plan, dated 6 April 2004
- 1.5. Performance Based Agreement (PBA) For Sustainment through Product Support Integration of the AN/TSQ-179AV(2) Common Ground Station, dated 6 August 2004.
- 1.6. CGS B-16 Managed Items List (Procurable Items). Current listing will be documented as an attachment to this PBA.

## 2. Purpose

- 2.1. This PBA establishes an agreement between the Tobyhanna Army Depot (TYAD), Directorate of Productions Management (AMSEL-TY-MM), as the Product Support Integrator (PSI) and the Logistics Readiness Center (LRC), IEW&S Directorate, DCGS-A Branch (AMSEL-LC-IEW-R-JS), as the Product Support Provider (PSP) for reparable spares logistics support of the AN/TSQ-179A (V) 2 Common Ground Station (CGS) weapon systems. This PBA establishes the metrics, evaluation criteria, and reporting format that are agreed upon as reasonable, measurable, and achievable.
  - 2.1.1. Upon signature of this PBA, the PSP will work directly with the PSI on issues concerning the support of B-16 managed CGS assets.

## 3. Goals and Objectives:

- 3.1. The goal is for the PSP to achieve a long-term, organic logistics support posture equally responsive to CGS logistical needs as well as the direction of the PSI in order to enhance the readiness of the CGS.
- 3.2. The objectives are improved communication, logistics process streamlining, and focused product support management for sustaining the CGS fleet.

## 4. Constraints:

- 4.1. It is recognized that multiple factors may have a direct impact on the ability of the PSP to meet the expectations set forth in this PBA. These factors include: Funding constraints, higher level policies/decisions and OPTEMPO.
  - 4.1.1. Force Majeure: Neither party shall be responsible for any failure or delay in the performance of any of its obligations under this Agreement if such failure or delay is due to a cause beyond the party's reasonable control including, but not limited to: an act of fire, flood, explosion; war, riots or civil commotion; civil or military authority acts, decrees or restrictions; act of law or court order; strikes, lockouts, slowdowns, picketing, boycotts or trade disputes;

quarantine restrictions or other governmental action; acts of nature, acts of God, or by any other circumstances beyond the reasonable control of either party ("Force Majeure Event"). If either party is unable to perform an obligation under this Agreement due to a Force Majeure Event, such obligation shall be postponed until the Force Majeure has been eliminated, at which time the obligation will again be in effect. The affected party shall immediately notify the other party in writing if a Force Majeure Event delays performance.

## 5. Background

5.1. The Target Acquisition Subsystem AN/TSQ-179A (V)2, NSN: 5865-01-470-4744,LIN; T37036 is referred to as the Common Ground Station (CGS). The CGS can receive correlate, process, store, and display radar data from the Air Force Joint Surveillance Target Attack Radar System (Joint STARS) E-8 airborne platform. This JSTARS E-8 provides the CGS a near real time radar display of the deep and wide "ground pictures" which include the Moving Target Indicators (MTI), Fixed Target Indicators (FTI), and Synthetic Aperture Radar (SAR) images. The CGS also receives signal intelligence reports from the Integrated Broadcast Service (IBS) intelligence networks: Tactical Reconnaissance Intelligence eXchange System (TRIXS), Tactical Information Broadcast Service (TIBS), Tactical Related Application (TRAP) Data Dissemination System (TDDS), and Tactical Data Information eXchange System-B (TADIXS-B). IBS networks disseminate intelligence information from multiple, tactical and national collection platforms/sensors. Additionally, the CGS can also receive imagery products and telemetry data from selective Unmanned Aerial Vehicle (UAV), U2, Aerial Reconnaissance Low (ARL) and Aerial Common Sensor (ACS) for cross-sensor cueing. Collectively, these capabilities provide the Army Commander an enhanced ability to conduct targeting, battle management, and intelligence reporting. The CGS can further supplement the ground picture through the receipt of Secondary Imagery Dissemination (SID) received from Army, other Service, and national assets. The CGS interfaces with Tactical Fire Direction System TACFIRE / Advanced Field Artillery Tactical Data System (TACFIRE/AFATDS) and All Source Analysis System (ASAS) and other Battle Field Assets (BFA's) through the Army Battlefield Command System (ABCS) networks.

5.2. TYAD has been designated by the PM as the Product Support Integrator (PSI), IAW the CGS termination plan, paragraph 3.b, Logistics: *"The CGS Program Support Integrator (PSI) at Tobyhanna Army Depot is responsible for coordinating and executing the CGS sustainment mission."*

5.2.1. TYAD CGS PSI Office works directly for Project Manager, Distributed Common Ground Station – Army (PM DCGS-A), who is the Total Life Cycle Systems Manager (TLCSM).

6. Dispute Resolution Any dispute arising out of or under this Agreement, which is not resolved by the Product Support Managers, shall be mutually decided by the Deputy Commander, Tobyhanna for the PSI, and the Director, LRC for the PSP.

7. Metrics. This performance monitoring process fully supports Army Materiel Command (AMC) performance based logistics reporting requirements.

7.1. The performance requirements established by this PBA for reparable spares logistics support of the AN/TSQ-179 (V)2, CGS by the LRC, IEW&S Directorate, DCGS-A Branch (AMSEL-LC-IEW-R-JS), as the (PSP) will be measured by the following two metrics and associated requirements (defined below):

7.1.1.1. High Priority Fill Rate (HPFR)

7.1.1.2. Stock Availability (SA)

7.2. The acceptable level of performance under the two metrics is:

7.2.1.1.1. HPFR 70% to 100%

7.2.1.1.2. SA 70% to 100%

7.3. High Priority Fill Rate (HPFR). This metric will be calculated by dividing the number of high-priority requisitions (defined by AR 725-50), as Priority Designator (01, 02, 03); filled by the total number of high priority requisitions that have been submitted/received. Refer to below table:

	<b>CONUS</b>	<b>OCONUS</b>
<b>Priority</b>	From Date of Req to Receipt of Materiel	From Date of Req to Receipt of Materiel
01 - 03	7 Days	11 - 12 Days
04 - 08	11 Days	15 - 16 Days
09 - 15	29 Days	67 - 82 Days

7.4 The metric will be rated as follows:

GREEN: HPFR is 70% – 100%

YELLOW: HPFR is 50% - 69%

RED: HPFR is less than 50%

7.4.1 Refer to above Table for timeframe information according to Priority for both CONUS and OCONUS Requisitions.

7.4.2 Non-procurable and obsolete items will be part of HPFR reporting.

7.4.3 CGS High Priority Requisition Reports will be submitted within 10 working days of the end of the previous reporting period to the PSI on a monthly basis via email as an attachment to the PSI. Information will

always be for prior month. This Report will contain the following information in a spreadsheet format:

- NSN
- Noun
- Part Number
- Priority Status
- Quantity Ordered
- Date Ordered
- Document Number
- Billing cost to customer per item
- Ordering Activity
- Stock Status
- Date delivered
- Remarks

7.4.4 The CGS HPFR report will summarize as follows

7.4.4.1 Total high priority orders for reporting period

7.4.4.2 Total high priority orders filled for the reporting period

7.4.4.3 Total high priority non-available requests

7.4.4.3.1 Actions for resolution

7.4.4.4 Average customer wait time for high priority orders filled

7.4.4.5 Total cost of high priority transactions for reporting period

7.5 Stock Availability (SA).

7.5.1 This metric is calculated by dividing total number of Requisitions Filled On time by the Total Number of Requisitions submitted/received

7.5.1.1 All B16 transactions will be reported.

GREEN: SA is 70% - 100%

YELLOW: SA is 50% - 69%

RED: SA is less than 50%

7.5.1.2 CGS Stock Availability Reports will be submitted within 10 days of the end of the previous reporting period to the PSI on a monthly basis via email as attachment to the PSI. Information will always be for prior month. This Report will contain the following information in a spreadsheet format:

- NSN
- Noun
- Part Number
- Billing cost to the customer per item
- Quantity Ordered
- Date ordered
- Document Number
- Ordering Activity
- Stock Status (date delivered)

- Remarks

7.5.2 The CGS SA report will summarize as follows:

- 7.5.2.1 Total number of CGS B16 requisitions for reporting period
- 7.5.2.2 Average customer wait time for transactions for reporting period
- 7.5.2.3 Total cost of transactions billed to the customer for reporting period.

7.5.3 Non-procurable and obsolete items will be part of SA reporting.

## 7.6 Roles and Responsibilities

7.6.1 LRC (PSP) shall:

7.6.1.1 Recognize High Priority Fill Rate (HPFR) and Stock Availability (SA) as the metrics in this Agreement and that non-procurable items represent a reportable condition of B16 readiness.

7.6.1.1.1 When metrics fall within the "yellow" range, the PSP will have fourteen (14) calendar days to communicate to the PSI a resolution plan.

7.6.1.1.2 When metrics fall within the "red" range, the PSP will provide notification to the PSI immediately.

7.6.1.1.2.1 A written Plan of Action and Milestones for resolution will be provided to PSI within 14 calendar days.

7.6.1.2 Provide the PSI with a complete, updated list of the CGS B16 items by National Stock Number (NSN), Part Number (PN) at the start of this agreement.

7.6.1.2.1 When and if changes occur, an updated list will be emailed to the PSI within three (3) calendar days.

7.6.2 TYAD (PSI) shall:

7.6.2.1 Monitor the performance of the PSP to ensure they are meeting or exceeding the Green rating for established performance metrics.

7.6.2.1.1 Redirect the PSP as necessary in order to ensure optimal readiness levels.

## 7.7 Reporting

7.7.1 On a quarterly basis, the PSP will provide to PSI the CGS Performance Assessment Report (PAR), via email as an attachment to the PSI. This Report, to be delivered within 10 calendar days of the start of each FY quarter, will contain the following information:

- Trend analysis for both metrics
- Status of non-procurable items.
- Estimated percentage of Unserviceable Items
- Estimated percentage of Unprocurable Items (Obsolete)
- Comments explaining the reason for failing to meet any metric.

7.7.2 The PSI will accomplish semi-annual assessment of the PSP. The report will contain information that will be available for Official Use Only to PBA signatories, their leadership, and designated personnel responsible for administering the PBA

7.7.2.1 The semi-annual report will be a consensus of the PAR's.

## 8. Funding

8.1. As the PSP, the LRC, IEW&S Directorate, Electronic Warfare, DCGS-A Branch will develop an annual funding requirement for system hardware and spares support. Spares support funding negotiations is an Army defined, CE LCMC LRC responsibility, and will be coordinated in good faith with the PSI prior to submittal.

8.2. Level of service will be dependent upon funding availability.

8.2.1. PSP will prepare budget estimates and coordinate them with the PSI on a timely basis.

8.2.2. PSI will coordinate PSP budget submissions with PM DCGS-A.

8.3. Funding estimates for designated spares support will be developed by the PSP.

8.4. Annual funding for support provided by the PSP for the duration of this Agreement will be based on information from the standard OPS29 process conducted by the PSP in concurrence with the PSI.

8.4.1. Funding negotiations for organic workload performed by TYAD is a CE LCMC LRC IEW responsibility and will be negotiated in good faith prior to submittal to AMC and DA.

8.4.1.1. The Level of Service will be dependent upon funding availability and negotiated appropriately

9. Period of Performance: The period of performance will be of 2 Years with 1 year increments, starting on last signature Date of coordination cycle. This agreement will be reviewed and updated annually and updated as deemed appropriate by the signatories. Any changes shall be an amendment to this Agreement.

10. Changes. This PBA is a living document. The Parties acknowledge and agree that as the CGS system evolves and requirements change, the provisions of this Agreement may change. Accordingly, this Agreement will be reviewed annually or as deemed appropriate by the signatories.

11. Points of Contact. The points of contact as of the Effective Date of this Agreement are as follows:

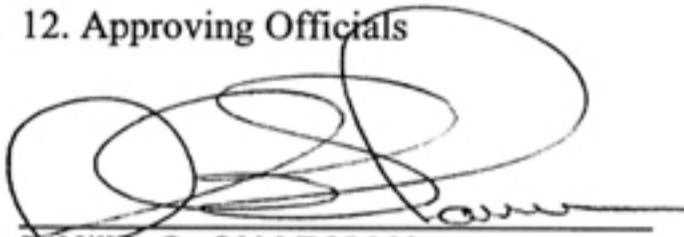
CGS B16 Product Support Provider:  
Product Support Provider Manager, LRC

Mr. George Wilson  
DSN-427-5357

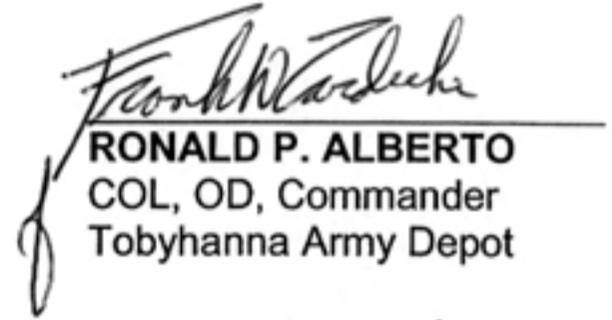
CGS Product Support Integration Office:  
Product Support Manager, TYAD  
Mr. John Sells  
DSN 795-7585

11.1. The Parties agree that the names of the points of contact may change without modification to this Agreement. Such changes may be made by written notification to the other party at least ten (10) calendar days prior to the change.

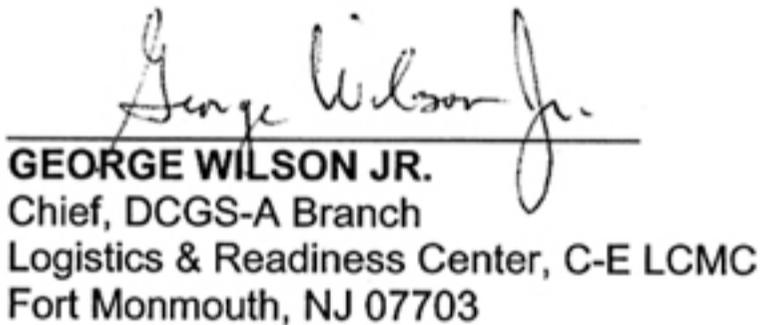
12. Approving Officials



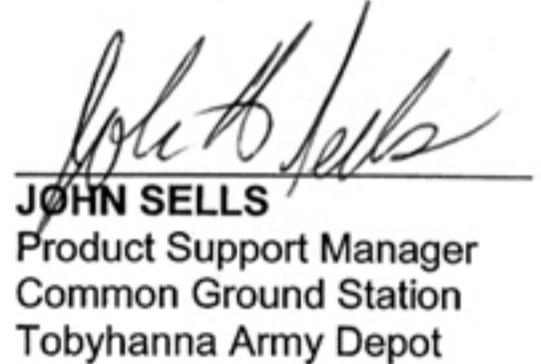
**DAVID G. SHARMAN**  
Acting Director, C-E LCMC, Logistics  
and Readiness Center  
Fort Monmouth, NJ 07703



**RONALD P. ALBERTO**  
COL, OD, Commander  
Tobyhanna Army Depot



**GEORGE WILSON JR.**  
Chief, DCGS-A Branch  
Logistics & Readiness Center, C-E LCMC  
Fort Monmouth, NJ 07703



**JOHN SELLS**  
Product Support Manager  
Common Ground Station  
Tobyhanna Army Depot

CGS PROCURABLE ITEMS

FSC	MATERIAL	ANAL CD	FIACD	WPN SYS	UPRICE	NOMENCLATURE	PROC TY
5985	014955308	63E2U	Q2200	KGX	\$6.59	DUMMY LOAD,ELECTRIC	F
5995	015024065	63E2U	Q22SC		\$198.80	CABLE ASSEMBLY,SPEC	F
5998	015777103	63E2U	G21S2	KGX	\$4,165.00	CURCUIT CARD ASSEMBLY	F
6145	013725432	63E2U	G21S2	KGX	\$5,355.00	CABLE,SPECIAL PURPO	X
7025	014223120	63E2U	G21S2	KGX	\$1,461.00	INTERFACE UNIT,DATA	X
5985	014257312	63E2U	G21S2	KGX	\$2,762.00	ANTENNA	X
5825	014574946	63E2U	G21S2	KGX	\$42.57	PANEL,SIGNAL DISTRI	X
5995	014574961	63E2U	G21S2	KGX	\$10,113.00	CABLE ASSEMBLY,POWE	X
5825	014577092	63E2U	G21S2	KGX	\$9,424.00	PANEL,SIGNAL DISTRI	X
6120	014577105	63E2U	G21S2	KGX	\$1,058.00	POWER SUPPLY	X
5998	014577106	63E2U	G21S2	KGX	\$1,118.00	CIRCUIT CARD ASSEMB	X
5985	014577116	63E2U	G21S2	KGX	\$5,436.00	ANTENNA	X
5810	014578311	63E2U	G21S2	KGX	\$1,906.00	TELEPHONE,SECURE UN	X
5930	014578317	63E2U	G21S2	KGX	\$943.00	SWITCH,PUSH	X
6020	014579406	63E2U	G21S2	KGX	\$424.00	CABLE ASSEMBLY,FIBE	X
5965	014579410	63E2U	G21S2	KGX	\$705.00	HEADSET-MICROPHONE	X
6020	014579422	63E2U	G21S2	KGX	\$614.00	CABLE ASSEMBLY,FIBE	X
5895	014579423	63E2U	G21S2	KGX	\$269.00	KEYBOARD,DATA ENTRY	X
6020	014579425	63E2U	G21S2	KGX	\$1,459.00	CABLE ASSEMBLY,FIBE	X
5985	014593042	63E2U	G21S2	KGX	\$16,744.00	MAST	X
5895	014593048	63E2U	G21S2	KGX	\$38,304.00	CONVERTER,SIGNAL DA	X
5865	014600552	63E2U	G21S2	KGX	\$2,601.00	PANEL,INTERCONNECT	X
6130	014600554	63E2U	G21S2	KGX	\$21,519.00	POWER SUPPLY ASSEMB	X
5985	014600555	63E2U	G21S2	KGX	\$11,624.00	DIPLEXER	X
5985	014600556	63E2U	G21S2	KGX	\$18,140.00	RADIO INTERFACE MOD	X
5865	014603440	63E2U	G21S2	KGX	\$834.00	ADAPTER,WIRELINE	X
5995	014623595	63E2U	G21S2	KGX	\$141.00	CABLE ASSEMBLY,SPEC	X
6020	014623597	63E2U	G21S2	KGX	\$443.00	CABLE ASSEMBLY,FIBE	X
6625	014623598	63E2U	G21S2	KGX	\$1,544.00	ADAPTER,CABLE BREAK	X
7195	014626018	63E2U	G21S2	KGX	\$4,136.00	CHAIR,ROTARY	X
5865	014632546	63E2U	G21S2	KGX	\$1,052.00	ADAPTER,WIRELINE	X
5895	014649984	63E2U	G21S2	KGX	\$6,596.00	DIGITIZER ASSEMBLY	X
5930	014652884	63E2U	G21S2	KGX	\$778.00	KEY,SWITCH	X
1710	014769723	63E2U	G22S2	KGX	\$124.00	CIRCUIT BREAKER,THIR	X
7021	014914610	63E2U	G21S2	KGX	\$2,792.00	COMPUTER SUBASSEMBL	X
5895	014914611	63E2U	G21S2	KGX	\$169,128.00	COMPUTER,DIGITAL DA	X
6130	014914614	63E2U	G21S2	KGX	\$828.00	POWER SUPPLY	X
5895	014914615	63E2U	G21S2	KGX	\$11,094.00	ENCODER-DECODER,COM	X
5998	014914616	63E2U	G21S2	KGX	\$1,262.00	CIRCUIT CARD ASSEMB	X
6130	014914617	63E2U	G21S2	KGX	\$4,636.00	POWER SUPPLY	X
6625	014914618	63E2U	G21S2	KGX	\$3,245.00	CONTROLLER,TEST,ELE	X
5805	014914619	63E2U	G21S2	KGX	\$3,661.00	CONVERTER,TELEGRAPH	X
7025	014915192	63E2U	G21S2	KGX	\$26,440.00	DISPLAY UNIT	X
4140	014916516	63E2U	G21S2	KGX	\$1,296.00	FAN,CIRCULATING	X
7050	014918633	63E2U	G21S2	KGX	\$999.00	DECODER,COMPUTER	X
5995	014952044	63E2U	G21S2	KGX	\$410.00	CABLE ASSEMBLY,SPEC	X
5995	014952045	63E2U	G21S2	KGX	\$596.00	CABLE ASSEMBLY,SPEC	X
5995	014952838	63E2U	G21S2	KGX	\$596.00	CABLE ASSEMBLY,SPEC	X
5995	014952841	63E2U	G21S2	KGX	\$383.00	WIRING HARNESS	X
5995	014954472	63E2U	G21S2	KGX	\$458.00	CABLE ASSEMBLY,SPEC	X
5995	014954473	63E2U	G21S2	KGX	\$422.00	CABLE ASSEMBLY,SPEC	X

## CGS PROCURABLE ITEMS

5995	014954481	63E2U	G21S2	KGX	\$1,163.00	CABLE ASSEMBLY,SPEC	X
5995	014954484	63E2U	G21S2	KGX	\$602.00	CABLE ASSEMBLY,SPEC	X
6625	014969886	63E2U	G21S2	KGX	\$2,342.00	CONVERTER,SIGNAL DA	X
5998	014980526	63E2U	G21S2	KGX	\$22,984.00	CIRCUIT CARD ASSEMB	X
1270	014980528	63E2U	G21S2	KGX	\$13,808.00	PROCESSOR,RADAR TAR	X
6120	014980535	63E2U	G21S2	KGX	\$364.00	POWER SUPPLY	X
5998	014980536	63E2U	G21S2	KGX	\$65,712.00	CIRCUIT CARD ASSEMB	X
1270	014980538	63E2U	G21S2	KGX	\$9,522.00	PROCESSOR,RADAR TAR	X
7025	014981335	63E2U	G21S2	KGX	\$5,854.00	DISK DRIVE UNIT	X
6625	015175993	63E2U	G2100	KGX	\$3,178.00	SENSOR,CURRENT	X