

AMENDMENT #2 TO RADIO SYSTEM PURCHASE AGREEMENT
County of Monterey and Harris Corporation

THIS AMENDMENT #2 (“Amendment”) is made this ___ day of February 2014 to the County of Monterey Radio System Purchase Agreement dated December 7, 2010, as amended (“Agreement”) between HARRIS CORPORATION, hereinafter referred to as “CONTRACTOR”, and THE COUNTY OF MONTEREY, a political subdivision of the State of California, hereinafter referred to as “COUNTY” (collectively referred to herein as the “Parties”).

WHEREAS, the COUNTY and CONTRACTOR previously amended the Agreement by executing Amendment #1 on June 01, 2012; and

WHEREAS, the COUNTY and CONTRACTOR wish to further modify the Agreement by: (1) modifying the deployment methodology and using a phased deployment resulting in an extension of the installation schedule, and (2) adding compensation for prevailing wages.

NOW THEREFORE, the COUNTY and CONTRACTOR hereby further amend the Agreement in the following manner:

1. Summary

- a. This Amendment consists of the changes to program scope which are separately described below. The prices of each of these individual changes when added together provide the total Amendment Price, hereinafter referred to as “Amendment Price”:

Schedule extension	\$740,254.50
Prevailing wage	\$125,966.00
<u>Additional Amendment Services</u>	<u>No Charge*</u>
Total Amendment Price	\$866,220.50*

*The Total Amendment Price does not include the optional frequency assistance charges set forth in Section 4(d).

2. Schedule Extension

- a. The Parties recognize that the change to a phased deployment has resulted in an extension of the installation schedule. The revised System Acceptance date is September 22, 2015. A revised Project Schedule is attached hereto as **Exhibit A** to this Amendment.
- b. The phased deployment approach was mutually agreed upon prior to the execution of this Amendment. Phase One, as described in Change Order 10 attached as **Exhibit B** to this Amendment, is currently being implemented. The schedule extension, agreed to as part of this Amendment, also includes the implementation of Phase Two and Phase Three which are described in further detail in this Section 2.

- c. Phase Two is comprised of the development, installation, commissioning and testing of the 911 Center VHF site, Bryant Canyon site, DMDC site, Laguna Seca site, Penon Peak site and Williams Hill site (these six sites together with the two existing 700 MHz sites, the 911 Center 700 MHz site and the Mt. Toro 700 MHz site, will be collectively known as the "Phase Two System"). The CONTRACTOR will bring these sites into service as part of Phase Two. After the Phase Two System functional testing (coverage testing is excluded and will not be separately performed on the Phase Two System) has been performed and passed in accordance with the procedures set forth in Section 22 of the Agreement (as noted by the CONTRACTOR and COUNTY signatures on the functional acceptance test plan), CONTRACTOR shall notify the COUNTY in writing and send to the COUNTY a copy of the completed functional acceptance test plan and the Phase Two System acceptance certificate for the COUNTY to sign (in a format similar to the example certificate in Exhibit C to this Amendment) to comply with the process set forth in Section 22.4 of the Agreement. The COUNTY shall either sign the Phase Two System acceptance certificate or provide to the CONTRACTOR its reasons for not signing the certificate within fifteen (15) business days pursuant to the process set forth in Section 23 of the Agreement. Upon the execution of the Phase Two System acceptance certificate by the COUNTY, the Phase Two System will then be accepted and warranty will begin on all of the infrastructure equipment to be used as part of the Phase Two System (other than the infrastructure equipment used with the two existing 700 MHz sites known as the 911 Center 700 MHz site and the Mt. Toro 700 MHz site, warranty having begun on this infrastructure equipment in October, 2013). The users from COUNTY agencies identified by the COUNTY will begin use of the Phase Two System after the Phase Two System has been accepted by the COUNTY.
- d. In connection with the extended schedule, the parties have agreed that during Phase Two there will be a new seven-month period of reduced activity. During the new seven-month reduced activity period, CONTRACTOR will provide the following new and additional services at no cost to the COUNTY:
- i. Sixteen (16) hours of engineering support services for integration of COUNTY's new logging recorder with CONTRACTOR's radio system.
 - ii. Two-hundred forty (240) hours of system engineer support services including one (1) trip for the system engineer to Salinas.
 - iii. Three-hundred thirty (330) hours of project management and administrative support services for the project including one (1) trip per month (with an overnight stay) for the program manager to Salinas.
 - iv. Seven (7) months of maintaining the Harris office and warehouse support in Salinas.

The CONTRACTOR will track the number of hours expended each month and report this to the COUNTY each month. The COUNTY shall have the right to move service hours back and forth between the three service categories set forth above (engineering support services, system engineer support services and project management support services).

- e. Phase Three is comprised of the development, installation, commissioning and testing of the Huckleberry Hill site and one other site to be located in the north of the County (tentatively planned for the SVSWA Lewis Road Landfill but subject to further mutually agreed upon change) (collectively, the two "Phase Three Sites"). The CONTRACTOR will bring the Phase Three Sites into service as part of Phase Three. After the site completion procedures for the two Phase Three Sites have been successfully performed, the Phase Three Sites will be accepted and will be connected to the Phase Two System. The two Phase Three Sites plus all of the sites in the Phase Two System will comprise all of the sites in the entire System and will be the total System to be delivered under the terms of the amended Agreement ("Total System"). Coverage testing and reliability testing for the Total System will be performed as provided under Section 22 of the Agreement when the site completion and inspection procedures for the two Phase Three Sites have been successfully performed. After: (a) the coverage testing for the Total System has been performed and passed in accordance with the procedures set forth in Section 22 of the Agreement (as noted by the CONTRACTOR and COUNTY signatures on the coverage acceptance test plan); (b) the reliability testing for the Total System has been performed and passed in accordance with the procedures set forth in Section 22 of the Agreement, and (c) all other Hardware and Software for the System, documentation deliverables and Services have been furnished, delivered, installed and tested (if additional testing is required) as required for final acceptance of the System, CONTRACTOR shall notify the COUNTY in writing and send to the COUNTY a copy of the completed coverage acceptance test plan and a final acceptance certificate for the COUNTY to sign for the Total System (in a format similar to the example certificate in **Exhibit C** to this Amendment) to comply with the process set forth in Section 22.4 of the Agreement. The COUNTY shall either sign the Total System final acceptance certificate or provide its reasons for not signing the certificate within fifteen (15) business days pursuant to the process set forth in Section 23 of the Agreement. Upon the execution of the Total System final acceptance certificate by the COUNTY, acceptance of the Total System will be completed and warranty will begin on all of the infrastructure equipment to be used as part of the Phase Three Sites and the System users from COUNTY agencies identified by the COUNTY will begin use of the Phase Three Sites.
- f. The Parties agree the CONTRACTOR will incur tangible recurring costs as a consequence of extending the project schedule ("Prolongation Costs"). The COUNTY hereby agrees to pay CONTRACTOR for fifty-percent (50%) of the Prolongation Costs. The COUNTY's portion of the Prolongation Costs is equal to \$740,254.50, which is included in the total Amendment Price listed in Section 1 of this Amendment. CONTRACTOR shall invoice the total Amendment Price upon

execution of this Amendment, and COUNTY shall pay within 45 days of receipt of invoice. In addition to the above payment, the requirement for the CONTRACTOR to provide to the COUNTY a NICE logging recorder upgrade (as set forth in Exhibit A3 to the Agreement) is deleted from the Agreement and the COUNTY waives its right to receive a credit in the amount of \$158,743.75 as compensation for the deleted logging recorder requirement. In return for the deleted logging recorder requirement, CONTRACTOR agrees to provide the new additional services set forth in Section 2.d above.

- g. The Parties agree to waive any and all claims for delays that may have occurred prior to the execution of this Amendment, regardless of which party could be held responsible for the delay.
- h. The COUNTY acknowledges and agrees that the coverage to be provided for the Phase Two System is less than the coverage to be provided for the full System after the Phase Three Sites are added. The COUNTY will advise the Phase Two System users of the coverage differences between the Phase Two System and the full System. The CONTRACTOR will provide coverage maps showing the predicted differences between the Phase Two System and the full System to assist the COUNTY in advising the Phase Two users.

3. Prevailing Wage

- a. COUNTY agrees to compensate CONTRACTOR for fifty-percent (50%) of the total costs incurred by CONTRACTOR for the portion of the project determined to be a public work. The 50% amount has been determined to be \$125,966.00, which is included in the total Amendment Price in Section 1 of this Amendment and shall be invoiced upon execution of this Amendment.
- b. CONTRACTOR waives any additional claims based on any alleged violations of California Labor Code Section 1771 that may have occurred on or before the date of this Amendment.
- c. All future change orders shall include prevailing wages to be paid for new future portions of the project determined to be a public work.

4. Additional Amendment Services

In addition to the services outlined in the Agreement, CONTRACTOR shall provide the following services as part of this Amendment:

- a. Integrate and maintain overall NGEN project schedule (includes the CONTRACTOR digital system and the COUNTY's analog overlay system). This will include:
 - i. The preparation of an overall project schedule using Microsoft Project 2010 and one progress update per month until System Acceptance of the full System.

- ii. The integration and updating of the COUNTY's analog overlay is dependent upon timely input from the COUNTY. CONTRACTOR will not be accountable for monthly updating of this portion of the schedule if inputs are not provided as scheduled and agreed to.
- b. Provide support for COUNTY fleet mapping and Unified Administration System (UAS) programming. This will include:
 - i. Twenty hours of support by CONTRACTOR comprised of responding to questions and sharing of best practices. Support does not include development by Harris of the fleet maps or programming by Harris of the UAS.
- c. Provide interim maintenance for the primary Network Switching Center (NSC), the secondary NSC, the 911 Center 700 MHz site and the Mt. Toro 700 MHz site as described below (collectively the "Phase One Maintenance"):
 - i. The two 700 MHz sites carry non-critical communications only, therefore no specific Service Level Agreement will be provided and Phase One Maintenance will be provided using commercially reasonable efforts.
 - ii. Primary on-site system support will be provided by the COUNTY's technical resources, but CONTRACTOR-supplied Phase One Maintenance will include the layers of support identified below which will be provided by CONTRACTOR until the warranty period for the Phase Two System infrastructure equipment starts.
 - iii. Phase One Maintenance will include:
 - 1. Technical Assistance Center (TAC) support for mobile and portable issues.
 - 2. Program Implementation Engineer telephone support for infrastructure related issues.
 - 3. In the event of an equipment failure during the Phase One Maintenance period, on-site support will be provided when qualified CONTRACTOR personnel are physically present in Monterey County.
 - 4. On-site maintenance support includes:
 - a. Detailed troubleshooting after initial COUNTY diagnosis
 - b. Removal and reinstallation of equipment
 - c. Shipment of faulty equipment to repair facility
 - 5. The following items are excluded from Phase One Maintenance:

- a. Site antenna systems maintenance including maintenance on tower mounted portions of tower top amplifiers.
 - b. Maintenance of batteries of any type or at any equipment location. Batteries are considered a consumable item and are not covered in the Phase One Maintenance.
 - c. Maintenance on any UPS or power conditioning equipment not provided and installed by CONTRACTOR.
 - d. Microwave radio system maintenance
- d. CONTRACTOR's subject matter experts will provide consultation services and frequency planning assistance to the COUNTY while the COUNTY determines and obtains the frequencies and FCC licenses needed for implementation of the System. This consultation will be provided via teleconference only and on a time and materials basis (including reimbursement of pre-approved travel expenses pursuant to the COUNTY's travel policy) at the rate of \$275 per hour. The first 120 hours of consultation services performed after the date of this Amendment will be provided by CONTRACTOR to the COUNTY at no cost to the COUNTY; CONTRACTOR will provide to the COUNTY monthly reports of the number of hours of its frequency planning consultation services. COUNTY will engage its own legal counsel at COUNTY's expense to assist the COUNTY in the purchase and license of frequencies as discussed below. Consultation services will be provided by CONTRACTOR on an as-needed and as-requested basis and may include:
- i. Identify the number of frequencies still needed in the digital design (including existing frequencies that should be replaced and considered for use in the analog design);
 - ii. Analyze the frequencies that are currently part of the analog overlay system and identify those frequencies that are potentially suitable for the digital system design;
 - iii. Analyze the COUNTY-selected Part 90 "wildcard" frequencies for potential use in the digital system or as replacements for those frequencies shifted from the analog overlay to the digital system;
 - iv. Analyze MariTEL frequencies for their feasibility and potential deployment in the digital system and provide technical assistance with the COUNTY's MariTEL frequency acquisition;
 - v. Make recommendations on whether or not to split the COUNTY's existing Part 22 channels;

- vi. Determine whether additional Part 22 market-based channels are feasible and could be used for the digital system and provide technical assistance with the COUNTY's Part 22 frequency acquisitions;
- vii. Perform on an iterative basis transmitter noise, receiver de-sensitization, and intermodulation interference analysis for the revised digital frequency plan;
- viii. Develop "real world" viability testing plans including testing for co-channel and adjacent channel interference;
- ix. At on-site location(s) in Monterey County, implement real world viability testing on an iterative basis (if requested, CONTRACTOR can demonstrate to and instruct COUNTY employees and contractors on the use of the tools and methodology to perform viability testing and gather viability data);
- x. Evaluate results of the viability testing and advise the COUNTY on the frequencies found to be viable for the digital system or potentially useable in the Analog Overlay;
- xi. Revise the digital frequency plan; and
- xii. Review COUNTY-prepared FCC applications prior to their submission to the frequency coordinator(s) and FCC.

5. Future Prolongation Costs Recovery Entitlement

- a. The development of the Phase Three Sites, the Huckleberry Hill site and the North County site are on the project's critical path. COUNTY agrees to use its best efforts to secure all permits, agreements, and authorizations for the North County site such that CONTRACTOR can begin work at the site on or before September 1, 2014. COUNTY further agrees it will use its best efforts to secure all permits, agreements, and authorizations for the Huckleberry Hill site such that CONTRACTOR can begin work at the site on or before October 9, 2014. CONTRACTOR agrees to use its best efforts to provide the necessary plans, documents, and drawings for the North COUNTY and Huckleberry Hills sites in order for COUNTY to submit planning applications and supporting documentation in a timely manner. COUNTY will not be liable for circumstances beyond the COUNTY's control that could impact and delay the dates provided in this Section 5(a), including delays caused by the CONTRACTOR. If circumstances occur outside of the control of the COUNTY, the CONTRACTOR and the COUNTY agree to negotiate in good faith any reimbursement by the COUNTY of all or a portion of any future costs that the CONTRACTOR may incur that arise from schedule delays.
- b. The licensing of VHF frequencies is paramount to the successful implementation of the radio system. COUNTY agrees it will use its best efforts to secure all licenses for VHF frequencies for the Phase Two System (other than the frequencies needed for

the Phase Two System and being acquired from MariTEL) on or before July 10, 2014. COUNTY agrees it will use its best efforts to secure all licenses for VHF frequencies for the Phase Three Sites (other than the frequencies needed for the Phase Three Sites and being acquired from MariTEL) on or before July 24, 2014. COUNTY agrees it will use its best efforts to identify all licenses needed for the VHF frequencies for the Phase Two System and the Phase Three Sites and being acquired from MariTEL on or before July 10, 2014. COUNTY agrees it will use its best efforts to obtain from MariTEL and secure from the FCC, on or before October 17, 2014, all licenses needed for the VHF frequencies for the Phase Two System and the Phase Three Sites that are identified (on or before July 10, 2014) as being acquired from MariTEL. CONTRACTOR will assist the COUNTY and provide consultative services for securing the frequencies for the full NGEN System as set forth in Section 4(d) above. CONTRACTOR will be ordering all of the remaining combiner equipment in July 2014, in accordance with the dates set forth in the Project Schedule, based on the acquisition and/or the identification of all of the frequencies by the COUNTY by the dates set forth above. The COUNTY will be responsible for and pay the costs to “re-tune” the combiner equipment if any of the frequencies acquired and/or identified in July change. COUNTY will not be liable for circumstances beyond the COUNTY’s control that could impact and delay the dates provided in this Section 5(a), including delays caused by the CONTRACTOR.

- c. Notwithstanding Section 18.10 of the Agreement, if CONTRACTOR is unable to begin work at the Huckleberry Hill site or the North County site by September 1, 2014, or the COUNTY does not identify and secure all FCC licenses for VHF frequencies by the dates in Section 5.b above, COUNTY agrees to negotiate in good faith with CONTRACTOR and may reimburse CONTRACTOR for all or a portion of the additional costs incurred by CONTRACTOR as a consequence of the COUNTY delay. For each month of delay (or pro rata thereof), COUNTY agrees to compensate CONTRACTOR for costs based upon the level of CONTRACTOR support required by CONTRACTOR or requested by the COUNTY during the reduced-activity, delay period. CONTRACTOR and the COUNTY will negotiate in good faith and mutually agree upon the amount of delay costs to be reimbursed.
- d. CONTRACTOR and the COUNTY will meet three months and six months prior to the dates listed above in order to review the forecasted schedule and to determine what, if any, corrective actions need to be employed. At three months prior to the dates listed above, CONTRACTOR and the COUNTY will begin to negotiate in good faith any reimbursement by the COUNTY of all or a portion of the delay costs that cannot be mitigated by CONTRACTOR.

6. Testing

Both Parties agree to the following:

- a. Because the Functional Acceptance Test is a test of system functionality and is not dependent on the number of active sites, it is agreed that the Functional Acceptance

Tests will be performed and successfully passed for the use of the Phase Two System and before the Phase Three Sites, the Huckleberry Hill and North County sites, are operational. No further functional testing will be required after these sites become operational. However, the COUNTY may separately perform its own functional testing after all of the System sites are operational and using the Phase Two System Functional Acceptance Tests. CONTRACTOR will review and resolve issues that prevent the successful completion by the COUNTY of any of the Functional Acceptance Tests.

- b. The site completion and inspection procedures for the Phase Three Sites, the Huckleberry Hill and North COUNTY sites will be performed when each of the Phase Three Sites is completed.
- c. Unless modified by mutual written agreement, coverage and voice testing will occur after the Phase Three Sites are completed and all System sites are then operational. The Parties acknowledge that the Phase Two System coverage will be incomplete and that full System coverage will not be available until all of the sites in the full System, including the two Phase Three Sites, are operational.

7. Terms and Conditions

- a. Except as modified in this Amendment, all of the terms, conditions and provisions of the Agreement shall remain unchanged and shall continue in full force and effect.
- b. A copy of the Amendment shall be attached to the original Agreement executed by the COUNTY on December 7, 2010.

[End of Text This Page]

IN WITNESS WHEREOF, the parties have executed the AMENDMENT on the day and year written below.

COUNTY OF MONTEREY

HARRIS CORPORATION

Contracts/Purchasing Officer

Sr. Contracts Manager

Name _____

Name Christopher W. Chaffee

Dated _____

Dated _____

APPROVED AS TO FORM:

Deputy County Counsel

Dated _____

APPROVED AS TO FISCAL PROVISIONS:

Auditor-Controller

Dated _____

List of Attached Exhibits:

Exhibit A - Revised Project Schedule

Exhibit B - Change Order 10

Exhibit C - Example Acceptance Certificate

Exhibit A

Revised Project Schedule

ID	Task Name	Duration	Start	Finish
1	Monterey County, CA	525 days	Wed 8/14/13	Tue 9/22/15
2	Phased implementation change order signed	0 days	Wed 8/14/13	Wed 8/14/13
3	Customer Design Review	0 days	Wed 8/14/13	Wed 8/14/13
4	CDR (Customer Design Review) 11/3/2011	0 days	Wed 8/14/13	Wed 8/14/13
5	County approval of CDRS (1/29/2011)	0 days	Wed 8/14/13	Wed 8/14/13
6	FCC Licenses	295 days	Wed 8/14/13	Fri 10/17/14
9	County receives FCC licenses for 700 MHz	0 days	Wed 8/14/13	Wed 8/14/13
10	County to apply for FCC licenses for VHF Group 1	2 wks	Wed 8/14/13	Tue 9/10/14
11	County receives FCC licenses for VHF Group 1	14 wks	Wed 8/14/13	Thu 7/10/14
12	County to negotiate MarTEL frequency purchase	8 wks	Wed 8/14/13	Thu 7/10/14
13	Board of Supervisor approval of MarTEL purchase	6 wks	Wed 8/14/13	Wed 6/26/14
14	County to apply for FCC licenses for MarTEL freqs	2 wks	Thu 6/26/14	Thu 7/10/14
15	County receives FCC licenses for MarTEL freqs	14 wks	Fri 7/11/14	Fri 10/17/14
16	County to apply for FCC licenses for North County site	2 wks	Tue 4/22/14	Mon 4/21/14
17	County receives FCC licenses for North County site	14 wks	Tue 4/22/14	Wed 7/30/14
18	Manufacture - Ship	285 days	Wed 8/14/13	Thu 10/9/14
20	Infrastructure staging (July 2012)	0 days	Wed 8/14/13	Wed 8/14/13
21	Infrastructure equipment arrives in County (8/14/12)	0 days	Wed 8/14/13	Wed 8/14/13
22	Dispatch consoles arrive in County (8/14/12)	0 days	Wed 8/14/13	Wed 8/14/13
23	700 MHz antenna accessories arrive in County	0 days	Wed 8/14/13	Wed 8/14/13
24	VHF antenna accessories arrive in County	0 days	Wed 8/14/13	Wed 8/14/13
25	Procure custom VHF combiners	10 wks	Fri 7/11/14	Fri 9/9/14
26	Procure custom VHF combiners (North County)	10 wks	Thu 7/9/14	Thu 10/9/14
27	Manufacture microwave equipment (Alcatel-Lucent)	12 wks	Wed 10/16/13	Mon 1/20/14
28	Site Approvals	285 days	Wed 8/14/13	Wed 10/9/14
30	Site approval received - 911 Center	0 days	Wed 8/14/13	Wed 8/14/13
31	County obtains lease amendment - Bryant Canyon	125 days	Wed 8/14/13	Fri 2/14/14
32	Board of Supervisors appr lease amendt - Bryant	6 wks	Mon 2/17/14	Fri 3/28/14
33	County obtains site agreement - DMDC	7 wks	Wed 8/14/13	Wed 10/22/13
34	Environmental Impact Report - Huckleberry Hill	175 days	Fri 1/31/14	Tue 1/07/14
35	AMEC receives all necessary information	1 day	Fri 1/31/14	Fri 1/31/14
36	VZIX builds digital model	2 wks	Mon 2/3/14	Fri 2/14/14
37	AMEC prepares first Admin Draft	3 wks	Mon 2/17/14	Fri 3/7/14
38	County review of first Admin Draft	2 wks	Mon 3/10/14	Fri 3/21/14
39	AMEC prepares Admin Draft EIR	6 wks	Mon 3/24/14	Fri 5/2/14
40	County review of Admin Draft EIR	3 wks	Mon 5/5/14	Fri 5/23/14
41	AMEC prepares and distributes Draft EIR	2 wks	Tue 5/27/14	Mon 6/9/14
42	Review Period (45 days) and Hearings (4)	45 days	Mon 6/9/14	Thu 7/24/14
43	AMEC prepares Admin Final EIR and MAMP	3 wks	Fri 7/25/14	Thu 8/14/14
44	County review of Admin Final EIR	3 wks	Fri 8/15/14	Thu 9/4/14
45	AMEC prepares Findings and SOC (optional)	1 wk	Fri 9/5/14	Fri 9/12/14
46	County reviews Findings and SOC	1 wk	Mon 9/15/14	Fri 9/19/14
47	AMEC prepares and prints Final EIR	1 wk	Mon 9/22/14	Fri 9/26/14
48	Planning Commission hearing on Final EIR	1 day	Mon 9/29/14	Mon 9/29/14
49	AMEC prepares revised Final EIR (optional)	1 wk	Tue 9/30/14	Mon 10/6/14
50	Board hearing for Final EIR certification	1 day	Tue 10/7/14	Tue 10/7/14
51	County obtains zoning approval - Huckleberry Hill	1 day	Wed 10/8/14	Wed 10/8/14
52	County obtains site lease - Huckleberry Hill	0 days	Wed 10/8/14	Wed 10/8/14
53	County obtains zoning approval - Laguna Sasa	0 days	Wed 8/14/13	Wed 8/14/13

ID	Task Name	Duration	Start	Finish
54	County obtains site lease - North County	183 days	Wed 8/14/13	Fri 4/11/14
55	Board of Supervisors approves lease - North County	6 wks	Mon 4/7/14	Fri 5/23/14
56	County obtains zoning approval - North County	20 wks	Tue 4/8/14	Wed 8/27/14
57	Site approval received - Moffett Street	0 days	Wed 8/14/13	Wed 8/14/13
58	Site approval received - Mt. Toro	0 days	Wed 8/14/13	Wed 8/14/13
59	County obtains site lease - Felton Peak	11 wks	Wed 8/14/13	Wed 10/30/13
60	County obtains zoning approval - Felton Peak	0 days	Wed 8/14/13	Wed 8/14/13
61	County obtains State approval - Williams Hill	14 wks	Wed 8/14/13	Wed 11/20/13
62				
63	North County Site Surveys and Designs	42 days	Fri 3/7/14	Mon 4/7/14
64	Engineering PO received from County	0 days	Fri 2/7/14	Fri 2/7/14
65	Microwave path surveys	1 day	Fri 2/21/14	Fri 2/21/14
66	A&E firm site surveys	2 days	Fri 2/21/14	Mon 2/24/14
67	Site testing (geotechnical, resistivity, etc.)	10 days	Tue 2/25/14	Mon 3/10/14
68	County provides title report	0 days	Mon 2/24/14	Mon 2/24/14
69	Land surveys	5 days	Tue 2/25/14	Thu 2/27/14
70	NEPA/SHPO for FCC licensing	6 wks	Tue 2/25/14	Mon 4/7/14
71	Zoning drawings	20 days	Tue 3/11/14	Mon 4/7/14
72				
73	Site Development	405 days	Wed 8/14/13	Thu 4/24/15
74	911 Center	0 days	Wed 8/14/13	Wed 8/14/13
75	Construction drawings complete	0 days	Wed 8/14/13	Wed 8/14/13
76	County applies for building permit	0 days	Wed 8/14/13	Wed 8/14/13
77	Building permit received	0 days	Wed 8/14/13	Wed 8/14/13
78	County upgrades interior ground system	0 days	Wed 8/14/13	Wed 8/14/13
79	Moffett Street	0 days	Wed 8/14/13	Wed 8/14/13
80	County upgrades interior ground system	0 days	Wed 8/14/13	Wed 8/14/13
81	Mt. Toro	0 days	Wed 8/14/13	Wed 8/14/13
82	Construction drawings complete	0 days	Wed 8/14/13	Wed 8/14/13
83	County applies for building permit	0 days	Wed 8/14/13	Wed 8/14/13
84	Building permit received	0 days	Wed 8/14/13	Wed 8/14/13
85	County upgrades ground system	0 days	Wed 8/14/13	Wed 8/14/13
86	Bryant Canyon	228 days	Wed 8/14/13	Wed 7/15/14
87	Construction drawings complete	1 day	Mon 1/13/14	Mon 1/13/14
88	County applies for building permit	8 wks	Tue 1/14/14	Mon 3/10/14
89	Building permit received	10 days	Mon 4/21/14	Mon 5/19/14
90	Crown Castle modifies tower	10 days	Tue 7/1/14	Tue 7/15/14
91	Crown Castle upgrades interior ground system	5 days	Tue 7/1/14	Tue 7/8/14
92	Crown Castle performs electrical work	10 days	Mon 2/17/14	Fri 2/28/14
93	Williams Hill	10 days	Mon 2/17/14	Fri 2/28/14
94	County performs electrical installation	10 days	Mon 2/17/14	Fri 2/28/14
95	County upgrades interior ground system	10 days	Mon 2/17/14	Fri 2/28/14
96	DNDC	18 days	Fri 1/31/14	Tue 2/25/14
97	Construction drawings complete	0 days	Fri 1/31/14	Fri 1/31/14
98	Perform electrical work	5 days	Fri 2/14/14	Thu 2/20/14
99	Install grounding system in equipment area	3 days	Fri 2/21/14	Tue 2/25/14
100	Install antenna support on building top	5 days	Fri 2/21/14	Tue 2/25/14
101	Felton Peak	119 days	Wed 8/14/13	Mon 2/10/14
102	Construction drawings complete	0 days	Wed 8/14/13	Wed 8/14/13
103	County applies for building permit	0 days	Wed 8/14/13	Wed 8/14/13
104	Building permit received	21 days	Wed 8/14/13	Thu 9/12/13
105	Environmental clearance to begin work	0 days	Tue 10/1/13	Tue 10/1/13
106	Pour monopole and HVAC foundations	1 day	Tue 11/5/13	Tue 11/5/13



Monterey County
NGEN Regional Radio Communications System

Exhibit A
Phased Implementation

ID	Task Name	Duration	Start	Finish	2014	2015														
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
160	County applies for building permit	1 day	Thu 10/9/14	Thu 10/9/14																
161	Building permit received	10 wks	Fri 10/10/14	Mon 12/22/14																
162	Cal-Am removes existing water tank	0 days	Wed 8/14/13	Wed 8/14/13																
163	Clear land	10 days	Thu 1/22/15	Wed 2/4/15																
164	Pour tower and shelter foundations	10 days	Thu 2/5/15	Wed 2/18/15																
165	Let foundations cure	5 days	Thu 2/19/15	Wed 2/25/15																
166	Tower arrives	0 days	Mon 10/6/14	Mon 10/6/14																
167	Install tower	10 days	Thu 2/26/15	Wed 3/11/15																
168	Shelter arrives	0 days	Mon 10/20/14	Mon 10/20/14																
169	Install shelter	3 days	Thu 3/12/15	Mon 3/16/15																
170	Install exterior ground system	5 days	Tue 3/17/15	Mon 3/23/15																
171	Install fence	2 days	Tue 3/24/15	Wed 3/25/15																
172	County provides power to within 50 ft. of shelter	0 days	Fri 10/31/14	Fri 10/31/14																
173	Perform electrical work	5 days	Thu 3/26/15	Wed 4/1/15																
174	Clean area of debris	1 day	Thu 4/2/15	Thu 4/2/15																
175	Installation of Network Switching Centers	0 days	Wed 8/14/13	Wed 8/14/13																
176	Install Primary Network Switching Center	0 days	Wed 8/14/13	Wed 8/14/13																
177	Install UAS/RM Remote Client	0 days	Wed 8/14/13	Wed 8/14/13																
178	Install Ethernet Switch	0 days	Wed 8/14/13	Wed 8/14/13																
179	Install Base Station Access Server	0 days	Wed 8/14/13	Wed 8/14/13																
180	Complete installation of Primary NSC	0 days	Wed 8/14/13	Wed 8/14/13																
181	Install Secondary Network Switching Center	0 days	Wed 8/14/13	Wed 8/14/13																
182	Install Ethernet Switch	0 days	Wed 8/14/13	Wed 8/14/13																
183	Install Base Station Access Server	0 days	Wed 8/14/13	Wed 8/14/13																
184	Complete installation of Secondary NSC	0 days	Wed 8/14/13	Wed 8/14/13																
185	Install Interoperability Gateways	0 days	Wed 8/14/13	Wed 8/14/13																
186																				
187	Fleetsmap Creation	75 days	Wed 8/14/13	Wed 11/27/13																
188	County develops fleetsmaps / radio personalities	15 wks	Wed 8/14/13	Wed 11/27/13																
189																				
190	RF Installation and Cutover - Phase 1	127 days	Wed 8/14/13	Thu 2/20/14																
191	Installation of RF System - Phase 1	0 days	Wed 8/14/13	Wed 8/14/13																
192	911 Center - 700 MHz	0 days	Wed 8/14/13	Wed 8/14/13																
193	Install VHF/700 MHz antennas and cabling	0 days	Wed 8/14/13	Wed 8/14/13																
194	Install racks	0 days	Wed 8/14/13	Wed 8/14/13																
195	Install 700 MHz multisite equipment	0 days	Wed 8/14/13	Wed 8/14/13																
196	Make all connections and ground	0 days	Wed 8/14/13	Wed 8/14/13																
197	Inspection / testing	0 days	Wed 8/14/13	Wed 8/14/13																
198	Clean site, remove all remaining debris	0 days	Wed 8/14/13	Wed 8/14/13																
199	Mk. Toro	0 days	Wed 8/14/13	Wed 8/14/13																
200	Install 700 MHz antennas and cabling	0 days	Wed 8/14/13	Wed 8/14/13																
201	Install racks	0 days	Wed 8/14/13	Wed 8/14/13																
202	Install 700 MHz multisite equipment	0 days	Wed 8/14/13	Wed 8/14/13																
203	Make all connections and ground	0 days	Wed 8/14/13	Wed 8/14/13																
204	Inspection	0 days	Wed 8/14/13	Wed 8/14/13																
205	Clean site, remove all remaining debris	0 days	Wed 8/14/13	Wed 8/14/13																
206	Optimization and Testing - Phase 1	62 days	Wed 8/14/13	Fri 11/8/13																
207	Optimize 700 MHz sites	8 wks	Wed 8/14/13	Wed 10/9/13																
208	Provide system access to pilot testing group	15 days	Wed 8/21/13	Wed 9/11/13																
209	Voice functional testing of 700 MHz sites	2 days	Thu 10/10/13	Fri 10/11/13																
210	Digital outdoor signal strength test of 700 MHz sites	15 days	Mon 10/21/13	Fri 11/8/13																
211																				
212	Cutover - Phase 1	45 days	Wed 12/11/13	Thu 2/20/14																



ID	Task Name	Duration	Start	Finish	2013	2014	2015
					Jul	Aug	Sep
266	Make all connections and ground inspection / testing	2 days	Wed 1/7/15	Thu 1/8/15			
267	Clean site, remove all remaining debris	1 day	Fri 1/9/15	Fri 1/9/15			
268	Optimization and Testing - Phase 2	36 days	Tue 1/13/15	Tue 3/3/15			
269	Optimize VHF sites	10 days	Tue 1/13/15	Mon 1/26/15			
270	Backbone Acceptance (Alcatel-Lucent)	3 days	Tue 1/27/15	Thu 1/29/15			
271	System functional testing	20 days	Fri 1/30/15	Thu 2/26/15			
272	Prepare test results	3 days	Fri 2/27/15	Tue 3/3/15			
273	Cutover - Phase 2	260 days	Mon 3/31/14	Tue 4/14/15			
274	Program console configurations	10 days	Mon 3/31/14	Fri 3/14/14			
275	Program UAS for consoles	30 days	Mon 4/7/14	Fri 5/16/14			
276	County programs UAS for Phase 2 agencies	30 days	Mon 4/7/14	Fri 5/16/14			
277	Confirm radios installed for Phase 2 agencies	0 days	Tue 3/31/15	Tue 3/31/15			
278	Phase 2 agencies notified of cutover date	0 days	Tue 3/31/15	Tue 3/31/15			
279	Begin Phase 2 cutover	0 days	Tue 3/31/15	Tue 3/31/15			
280	Systematic takeover of consoles	30 days	Wed 3/4/15	Tue 4/14/15			
281	Systematic takeover of Phase 2 agencies	30 days	Wed 3/4/15	Tue 4/14/15			
282	RF Installation and Cutover - Phase 3	198 days	Mon 12/1/14	Mon 9/14/15			
283	Installation of RF System - Phase 3	47 days	Thu 3/5/15	Fri 5/8/15			
284	North County site	16 days	Thu 3/5/15	Thu 3/26/15			
285	Install microwave equipment (Alcatel-Lucent)	6 days	Thu 3/5/15	Thu 3/12/15			
286	Install VHF antennas and cabling	6 days	Thu 3/5/15	Thu 3/12/15			
287	Install VHF multisite equipment	3 days	Fri 3/13/15	Tue 3/17/15			
288	Commission VHF multisite equipment	3 days	Wed 3/18/15	Fri 3/20/15			
289	Make all connections and ground inspection / testing	2 days	Mon 3/23/15	Tue 3/24/15			
290	Clean site, remove all remaining debris	1 day	Wed 3/25/15	Wed 3/25/15			
291	Huckleberry Hill	28 days	Thu 3/26/15	Thu 3/26/15			
292	Install microwave equipment (Alcatel-Lucent)	6 days	Fri 4/3/15	Fri 4/3/15			
293	Install VHF 700 MHz antennas and cabling	6 days	Fri 4/3/15	Fri 4/3/15			
294	Install VHF simulcast equipment	6 days	Mon 4/13/15	Fri 4/17/15			
295	Install 700 MHz multisite equipment	3 days	Mon 4/20/15	Wed 4/22/15			
296	Commission VHF and 700 MHz equipment	3 days	Thu 4/23/15	Fri 5/1/15			
297	Make all connections and ground inspection / testing	5 days	Mon 5/4/15	Wed 5/6/15			
298	Clean site, remove all remaining debris	1 day	Thu 5/7/15	Thu 5/7/15			
299	Optimization and Testing - Phase 3	58 days	Mon 5/11/15	Fri 7/31/15			
300	Optimize sites	15 days	Mon 5/11/15	Mon 6/1/15			
301	Coverage testing of VHF sites	20 days	Tue 6/2/15	Mon 6/29/15			
302	Audio quality testing of VHF sites	20 days	Tue 6/2/15	Tue 7/28/15			
303	Prepare test results	3 days	Wed 7/29/15	Fri 7/31/15			
304	Cutover - Phase 3	195 days	Mon 12/1/14	Mon 9/14/15			
305	County programs UAS for Phase 3 agencies	60 days	Mon 12/1/14	Tue 3/3/15			
306	Confirm radios installed for Phase 3 agencies	0 days	Fri 7/31/15	Fri 7/31/15			
307	Phase 3 agencies notified of cutover date	0 days	Fri 7/31/15	Fri 7/31/15			
308	Begin Phase 3 cutover	0 days	Fri 7/31/15	Fri 7/31/15			
309	Systematic takeover of Phase 3 agencies	30 days	Mon 8/3/15	Mon 9/14/15			

Exhibit B

Change Order 10



**NGEN Regional Radio Communications System
Change Order Form**

Change Order Number:	10	Date:	23 July 2013
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Description of Change:
Phase 1 of Phased Implementation

Reason for Change:
Recommendation of NGEN Oversight Committee.

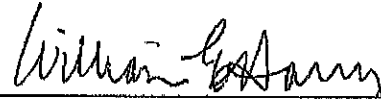
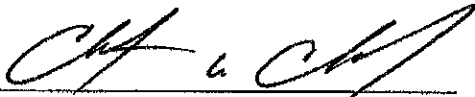
Detailed Scope of Change:
Harris to implement Phase 1 of a phased system implementation in accordance with Harris Proposal "PROPOSAL FOR PHASE 1 OF THE PHASED IMPLEMENTATION OF THE SYSTEM" dated 10 July 2013.

Net Effect on Contract Price:	\$127,570.00 Increase
Net Effect on Schedule:	Project completion extended to February 2015

Change Approved By:

HARRIS CORPORATION

COUNTY OF MONTEREY



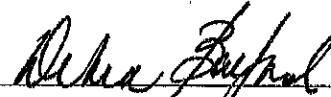
Christopher W. Chaffee / Contracts Manager

Director of Emergency Communications

August 01, 2013

Date

Date



Contracts/Purchasing Officer

August 14, 2013

Date

Approved as to Form



Deputy County Counsel

8/14/13

Date



MONTEREY COUNTY

NGEN REGIONAL RADIO COMMUNICATIONS SYSTEM

**PROPOSAL FOR PHASE 1 OF
THE PHASED IMPLEMENTATION
OF THE SYSTEM**

July 10, 2013

NGEN Regional Radio Communications System Proposal for Phase 1 of Phased Implementation
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Summary

Monterey County and Harris Corporation entered into a Radio System Purchase Agreement on 7 December 2010, as amended (the "Agreement"). Under the terms of the Agreement, Harris has agreed to provide the products and services for a state-of-the-art voice radio communications system for the County as set forth in the Agreement.

The Harris plan for system implementation, as described in Exhibit C and Exhibit D of the Agreement, anticipated that all equipment would be installed, optimized, and tested before the acceptance or the beneficial use of the System by the County.

However, the County now requests, and Harris is pleased to submit, this proposal for a phased implementation which will allow some users to begin using a portion of the System before the entire System is installed, optimized, and tested as a complete System.

Scope of Work

The scope of work for the phased implementation is described in the original System Purchase Agreement and in the subsequent change orders to date. Site development, equipment installation, and System optimization will proceed as described in Exhibit D, the System Implementation Plan. However, as described in this proposal, the sequence of implementation steps and the duration of the project will change. Also, due to the phased implementation, some optimization and testing tasks will have to be performed more than once. Except for the changes from this Proposal as reflected in the change order, all other terms and the conditions of the Agreement will remain unchanged and apply.

The responsibilities associated with this portion of the phased implementation are outlined in the attached responsibility matrix.

Implementation Phases

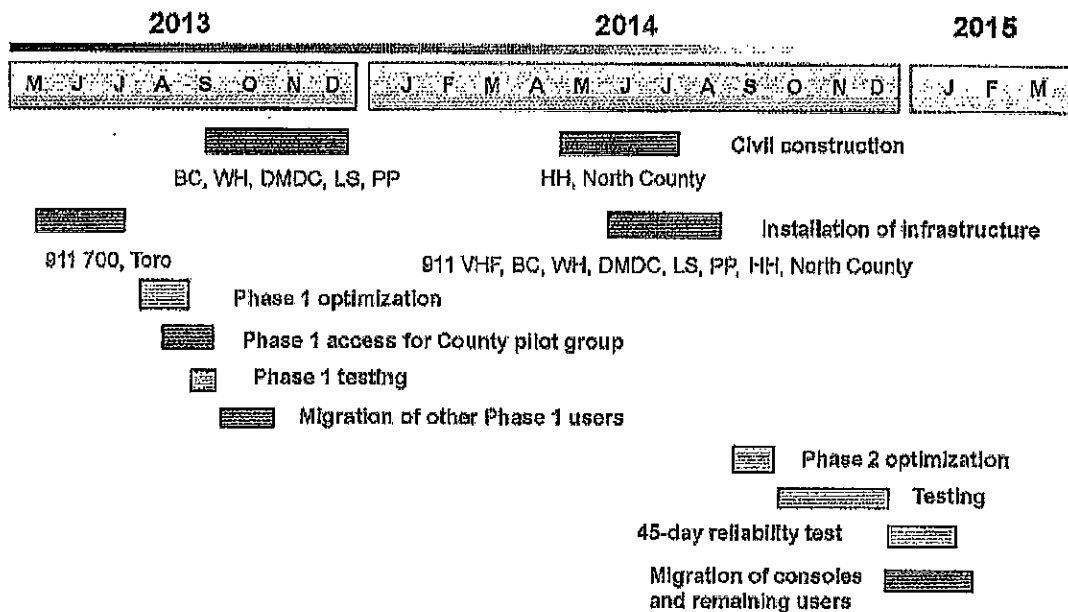
The original project schedule called for all of the site development and all of the equipment installation work to be performed together as part of one project. Once that work was

completed, the equipment and sites would be optimized and finalized, and acceptance testing would follow. Once the entire System was accepted, regular users then would be migrated to the new System.

The County now desires a phased implementation where two 700 MHz sites are installed and the equipment optimized, finalized and tested, and then a selected subset of the System users can be migrated to the completed portion of the System.

Details of the individual Implementation phases are given below.

PHASED IMPLEMENTATION



The proposed implementation will be performed in two phases:

During Phase 1, two sites of the 700 MHz portion of the system will be installed, optimized and tested.

Phase 2 can be performed and completed after rights to all of the remaining sites, included the Huckleberry Hill site and North County site, have been obtained and the sites are developed, and the equipment is installed, optimized, and tested.

Phase 1

Primary and Secondary Network Switching Centers

911 Center (700 MHz)

Mt. Toro (700 MHz)

The Network Switching Centers and the two 700 MHz sites will be installed and optimized.

For the two 700 MHz sites, Harris will then complete functional acceptance testing (as outlined in Exhibit E2 in the Agreement) and digital outdoor signal strength testing (as outlined on pages 2 through 5 of Exhibit E3 in the Agreement). The testing will be performed using 1 mile x 1 mile grids within the Salinas city limits.

After this testing is successfully completed, users will be migrated to the system for non-mission critical and administrative communications. The two Phase 1 sites cannot be used for their full mission-critical, public safety use until the rest of the System has been installed and tested.

Phased Implementation Schedule

The proposed schedule is attached. The total duration of the project has been extended to February 2015.

Training

Dispatcher training and train-the-trainer sessions will be held as described in the Purchase Agreement. These sessions will take place shortly before the Phase 2 System cutover begins. The exact dates for the training sessions will be coordinated with the County.

Migration of Users

A major objective of the phased implementation is to allow some users to begin using the two-site, 700 MHz sub-system before the entire System is completed and tested. Users will be transitioned to the new System in the following phases:

Phase 1 Migration to the Two-Site, 700 MHz Sub-System

1. Small group of pilot users in Salinas (five members of the "Tiger Team") during testing
2. Additional users in Salinas after testing

Phase 2 Migration to the Entire System

All remaining users

Zetron Console System

Harris assumes that the existing Zetron console system can be operated in parallel with the new console system through both phases of implementation.

Pricing for Phased Implementation

Additional Harris engineering support	\$28,000.00
Additional installation team support (for optimization and testing)	\$85,570.00
Remobilization of installation team for Phase 1	\$4,000.00
Additional functional and coverage testing for the two 700 MHz sites	<u>\$10,000.00</u>
Total	\$127,570.00

Eighty-five percent of this total (\$108,434.50) will be due upon the successful installation of the two 700 MHz sites. The remaining fifteen percent of this total (\$19,135.50) will be due upon acceptance of the two 700 MHz sites.

Phased Acceptance and Phased Warranty

The infrastructure equipment installed and tested for the Phase 1 sub-system will be tested and accepted in accordance with the terms of the Agreement and this Proposal. Once accepted, the warranty period for the Phase 1 sub-system infrastructure equipment will begin.

Required Change Order

Once this proposal has been mutually agreed upon, a change order will be executed capturing and documenting the applicable Agreement changes for this phased implementation approach.

Recognized Conditions

Certain conditions are associated with a phased approach to implementation. Some of these are:

- Coverage guarantees cannot be met until all 700 MHz and VHF sites are installed, optimized, and tested.
- The ring configuration will not be available to offer microwave system redundancy until all sites in the ring are functioning.
- Many of the agencies in the County will have to remain on the existing analog system until final system cutover.

CONCLUSION

Harris believes that the implementation of the Monterey County digital trunked radio system can be successfully performed in the two phases as described above. Early users can enjoy the benefits of the new sub-system while the remaining System tower sites are acquired and constructed. Additionally, important experience can be gained by early adopters that can be used to optimize the sites that are activated later. Harris looks forward to finalizing this proposal and the accompanying change order with the County.

**Monterey County NGEN Regional Communications System
 Phased Implementation Responsibility Matrix - Phase 1**

Task	Responsibility	
	Harris	County
Provide monthly status reports	X	
Obtain FCC licenses for 700 MHz frequencies		X
Develop fleetmaps and radio personalities		X
Install and test Primary NSC at 911 Center	X	
Install and test Secondary NSC at Moffett St.	X	
Connect Zetron consoles to Interop gateway as needed during transition		X
Install and test two 700 MHz P25 trunked multicast sites	X	
Provide technician to provide final inspection of 700 MHz P25 trunked multicast system sites		X
Program info for test user radios into Unified Administration System	X	
Perform voice functional testing of 700 MHz sites	X	
Provide technician to witness 700 MHz functional test		X
Digital outdoor signal strength testing of 700 MHz sites	X	
Perform optimization of 700 MHz sites	X	
Provide final acceptance of 700 MHz sites		X
Program Info for remaining Phase 1 radios into Unified Administration System		X

Monterey County
 NGEN Regional Radio Communications System

Phased Implementation

ID	Task Name	Duration	Start	Finish	2013	2014														
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
1	Monterey County, CA	353 days	Mon 7/15/13	Fr 2/13/15																
2	Phased Implementation of single order signed	0 days	Mon 7/15/13	Mon 7/15/13																
3	Customer Design Review	0 days	Mon 7/15/13	Mon 7/15/13																
4	CDR (Customer Design Review) 1/15/2011	0 days	Mon 7/15/13	Mon 7/15/13																
5	County approval of CDR (12/19/2017)	0 days	Mon 7/15/13	Mon 7/15/13																
6	FCC Licenses	225 days	Mon 7/15/13	Mon 8/27/14																
7	County receives FCC licenses for 700 MHz	0 days	Mon 7/15/13	Mon 7/15/13																
8	County to include VHF frequency plan	24 wks	Mon 7/15/13	Fr 1/10/14																
9	County to apply for FCC licenses for VHF	16 wks	Mon 7/15/13	Fr 8/2/14																
10	County receives FCC licenses for VHF	0 days	Fr 8/2/14	Fr 8/2/14																
11	County to apply for FCC licenses for North County site	16 wks	Mon 2/10/14	Mon 8/27/14																
12	County receives FCC licenses for North County site	0 days	Mon 8/27/14	Mon 8/27/14																
13	County receives FCC licenses for North County site	0 days	Mon 8/27/14	Mon 8/27/14																
14	Manufacture - Site	270 days	Mon 7/15/13	Tue 8/12/14																
15	Manufacture equipment arrives in County (8/14/13)	0 days	Mon 7/15/13	Mon 7/15/13																
16	Dispatch consoles arrive in County (8/14/13)	0 days	Mon 7/15/13	Mon 7/15/13																
17	700 MHz antennas accessories arrive in County	0 days	Mon 7/15/13	Mon 7/15/13																
18	VHF antennas accessories arrive in County	10 days	Mon 7/15/13	Mon 7/15/13																
19	Private station VHF transmitters	10 wks	Mon 8/27/14	Tue 8/12/14																
20	Procure custom VHF combiners (North County)	12 wks	Tue 8/12/14	Wed 12/11/13																
21	Manufacture intercom equipment (North County)	209 days	Mon 7/15/13	Fr 8/27/14																
22	Site approval received - 911 Center	0 days	Mon 7/15/13	Mon 7/15/13																
23	County obtains site lease - Bigard Canyon	5 wks	Mon 7/15/13	Mon 8/12/14																
24	County obtains site lease - Fiddlers Hill	40 wks	Mon 7/15/13	Mon 10/28/13																
25	County obtains site lease - Fiddlers Hill	0 days	Mon 7/15/13	Mon 7/15/13																
26	County obtains zoning approval - Huddell Hill	9 wks	Mon 7/15/13	Mon 8/12/14																
27	County obtains site lease - Laguna Station	17 wks	Mon 7/15/13	Mon 8/12/14																
28	County obtains site lease - North County	0 days	Mon 7/15/13	Mon 7/15/13																
29	County obtains zoning approval - North County	0 days	Mon 7/15/13	Mon 7/15/13																
30	Site approval received - Market Street	0 days	Mon 7/15/13	Mon 7/15/13																
31	Site approval received - Mt. Toro	0 days	Mon 7/15/13	Mon 7/15/13																
32	County obtains site lease - Pajon Peak	9 wks	Mon 7/15/13	Mon 8/12/14																
33	County obtains zoning approval - Pajon Peak	0 days	Mon 7/15/13	Mon 7/15/13																
34	County obtains State approval - Williams Hill	20 days	Mon 7/15/13	Fr 8/9/13																
35	North County Site Surveys and Designs	42 days	Tue 8/12/14	Mon 10/21/13																
36	Site confirmed by County	0 days	Tue 8/12/14	Tue 8/12/14																
37	Microwave path surveys	1 day	Tue 8/12/14	Tue 8/12/14																
38	A/E firm site surveys	2 days	Tue 8/12/14	Fr 8/16/13																
39	Site meeting (geotechnical, usability, etc)	10 days	Mon 8/19/13	Fr 8/30/13																
40	Land surveys	3 days	Mon 8/19/13	Fr 8/30/13																
41	NEPA/SHPO for FCC licensing	40 days	Mon 8/19/13	Wed 8/21/13																
42	Zoning drawings	20 days	Tue 8/27/14	Mon 10/14/13																
43	Site Development	294 days	Mon 7/15/13	Mon 8/14/14																
44	911 Center	0 days	Mon 7/15/13	Mon 7/15/13																
45	Construction drawings complete	0 days	Mon 7/15/13	Mon 7/15/13																
46	County applies for building permit	0 days	Mon 7/15/13	Mon 7/15/13																
47	Building permit received	0 days	Mon 7/15/13	Mon 7/15/13																



HARRIS PROPRIETARY INFORMATION

Monterey County
NGEN Regional Radio Communications System

Phased Implementation

ID	Task Name	Duration	Start	Finish	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	2013	2014
55	County upgrades bid for ground system	0 days	Mon 7/15/13	Mon 7/15/13										
56	Madira Street	0 days	Mon 7/15/13	Mon 7/15/13										
57	County upgrades bid for ground system	0 days	Mon 7/15/13	Mon 7/15/13										
58	Mt. Diablo	0 days	Mon 7/15/13	Mon 7/15/13										
59	Construction drawings complete	0 days	Mon 7/15/13	Mon 7/15/13										
60	County applies for building permit	0 days	Mon 7/15/13	Mon 7/15/13										
61	Building permit received	0 days	Mon 7/15/13	Mon 7/15/13										
62	County upgrades ground system	0 days	Mon 7/15/13	Mon 7/15/13										
63	Bygate Canyon	50 days	Mon 7/15/13	Mon 9/30/13										
64	Construction drawings complete	0 days	Mon 7/15/13	Mon 7/15/13										
65	County applies for building permit	1 day	Mon 7/15/13	Mon 7/15/13										
66	Building permit received	4 wks	Tue 7/16/13	Mon 8/12/13										
67	County upgrades bid for ground system	10 days	Tue 8/13/13	Mon 8/20/13										
68	Perform site work	5 days	Tue 8/13/13	Mon 8/20/13										
69	Williams Hill	10 days	Mon 8/19/13	Fri 8/23/13										
70	County upgrades bid for ground system	10 days	Mon 8/19/13	Fri 8/23/13										
71	DMDC	50 days	Mon 8/19/13	Mon 10/21/13										
72	Construction drawings complete	0 days	Mon 8/19/13	Mon 8/19/13										
73	Perform electrical work	0 days	Mon 8/19/13	Mon 8/19/13										
74	Install grounding system in equipment area	5 days	Tue 8/20/13	Mon 8/26/13										
75	Install antenna support on building top	3 days	Tue 8/20/13	Thu 8/22/13										
76	Lajuna Street	53 days	Mon 8/19/13	Wed 10/23/13										
77	Construction drawings complete	0 days	Mon 8/19/13	Mon 8/19/13										
78	County applies for building permit	0 days	Mon 8/19/13	Mon 8/19/13										
79	Building permit received	3 wks	Mon 7/15/13	Mon 7/15/13										
80	Clear land	10 days	Thu 8/22/13	Thu 9/17/13										
81	Pour tower, generator, and shelter foundations	10 days	Wed 8/14/13	Thu 10/24/13										
82	Let foundations cure	5 days	Fri 10/25/13	Thu 10/31/13										
83	Tower anchors	0 days	Fri 10/25/13	Fri 10/25/13										
84	Install tower	10 days	Fri 10/25/13	Thu 10/31/13										
85	Shelter anchors	0 days	Fri 10/25/13	Fri 10/25/13										
86	Install shelter	3 days	Fri 10/25/13	Thu 10/31/13										
87	Install exterior ground system	5 days	Wed 10/23/13	Thu 11/7/13										
88	Install fence	2 days	Wed 11/6/13	Fri 11/8/13										
89	County provides power to within 50 ft. of shelter	0 days	Fri 11/8/13	Thu 11/14/13										
90	Perform site work	5 days	Fri 11/8/13	Thu 11/14/13										
91	Generator arrives	0 days	Fri 11/8/13	Thu 11/14/13										
92	Install generator	1 day	Fri 11/8/13	Fri 11/8/13										
93	Install fuel tank, test fuel fill, make all connections	2 days	Mon 11/18/13	Thu 11/14/13										
94	Clean area of debris	1 day	Mon 11/18/13	Thu 11/14/13										
95	Feeder Peak	118 days	Mon 7/15/13	Wed 12/03/13										
96	Construction drawings complete	0 days	Mon 7/15/13	Wed 12/03/13										
97	County applies for building permit	0 days	Mon 7/15/13	Mon 7/15/13										
98	Building permit received	3 wks	Mon 7/15/13	Fri 8/23/13										
99	Environmental clearance to begin work	0 days	Sun 8/19/13	Sun 8/19/13										
100	Pour monopile and HVAC foundations	10 days	Tue 10/22/13	Mon 10/28/13										
101	Let foundations cure	5 days	Tue 10/22/13	Mon 10/28/13										
102	Monopile arrives	0 days	Tue 10/22/13	Mon 10/28/13										
103	Install monopile	5 days	Tue 10/22/13	Mon 11/4/13										
104	Install exterior ground system	5 days	Tue 10/22/13	Mon 11/4/13										
105	Construct new equipment room	3 wks	Wed 11/6/13	Thu 12/5/13										
106	Attach antenna mounting structures	5 days	Fri 12/6/13	Thu 12/12/13										
107	Install cable entry port	3 days	Fri 12/6/13	Thu 12/12/13										
108	Install feeder ground system	3 days	Wed 12/18/13	Fri 12/20/13										



HARRIS PROPRIETARY INFORMATION

Monterey County
NCEM Regional Radio Communications System

Phased Implementation

ID	Task Name	Duration	Start	Finish	2013	2014								
					Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
108	Perform electrical work	5 days	Mon 12/23/13	Tue 1/7/14										
110	Clean area of debris	1 day	Wed 1/8/14	Wed 1/8/14										
111	Hurdleberry EDR	471 days	Tue 1/28/13	Wed 7/21/14										
112	Construction drawings complete	0 days	Mon 12/23/13	Mon 12/23/13										
113	County applies for building permit	1 day	Mon 1/27/14	Mon 1/27/14										
114	Building permit received	4 wks	Mon 2/3/14	Mon 2/3/14										
115	Call-in tentatives starting water tank	10 days	Tue 1/27/14	Mon 1/27/14										
116	Clean land	10 days	Mon 2/3/14	Mon 2/3/14										
117	Power tower and shelter foundations	5 days	Tue 2/11/14	Mon 2/11/14										
118	Power tower and shelter foundations	5 days	Tue 2/11/14	Mon 2/11/14										
119	Tower anchors	10 days	Tue 2/11/14	Mon 2/11/14										
120	Kissel tower	0 days	Tue 2/11/14	Mon 2/11/14										
121	Shelter arrives	3 days	Tue 2/11/14	Tue 2/11/14										
122	Install shelter	3 days	Tue 2/11/14	Tue 2/11/14										
123	Install secondary ground system	2 days	Fri 2/20/14	Mon 2/20/14										
124	Install fence	2 days	Fri 2/20/14	Mon 2/20/14										
125	County provides power to within 50 ft. of shelter	2 days	Tue 2/11/14	Tue 2/11/14										
126	Perform electrical work	5 days	Tue 2/11/14	Tue 2/11/14										
127	Clean area of debris	1 day	Wed 2/12/14	Wed 2/12/14										
128	North County site	167 days	Mon 12/23/13	Mon 12/23/13										
129	Construction drawings complete	0 days	Mon 12/23/13	Mon 12/23/13										
130	County applies for building permit	1 day	Mon 1/27/14	Mon 1/27/14										
131	Building permit received	4 wks	Mon 2/3/14	Mon 2/3/14										
132	Clean land	10 days	Mon 2/3/14	Mon 2/3/14										
133	Power tower, foundations and shelter foundations	10 days	Mon 2/3/14	Mon 2/3/14										
134	Let bid/tentatives cure	5 days	Tue 2/11/14	Mon 2/11/14										
135	Tower arrives	10 days	Tue 2/11/14	Mon 2/11/14										
136	Install power	0 days	Tue 2/11/14	Mon 2/11/14										
137	Shelter arrives	3 days	Wed 2/12/14	Wed 2/12/14										
138	Install shelter	2 days	Wed 2/12/14	Fri 2/13/14										
139	Install secondary ground system	2 days	Mon 2/17/14	Fri 2/13/14										
140	Install fence	2 days	Mon 2/17/14	Tue 2/24/14										
141	County provides power to within 50 ft. of shelter	0 days	Wed 2/24/14	Wed 2/24/14										
142	Perform electrical work	5 days	Wed 2/24/14	Tue 2/24/14										
143	Generator arrives	0 days	Wed 2/24/14	Wed 2/24/14										
144	Install generator	1 day	Wed 2/24/14	Wed 2/24/14										
145	Install fuel tank, start fuel tank, install all communications	2 days	Thu 2/25/14	Fri 2/27/14										
146	Clean area of debris	1 day	Mon 2/24/14	Mon 2/24/14										
147														
148	Installation of Network Switching Centers	0 days	Mon 7/15/13	Mon 7/15/13										
149	Install Primary Network Switching Center	0 days	Mon 7/15/13	Mon 7/15/13										
150	Install UAS/RVA Remote Client	0 days	Mon 7/15/13	Mon 7/15/13										
151	Install Ethernet Switch	0 days	Mon 7/15/13	Mon 7/15/13										
152	Install Base Station Access Server	0 days	Mon 7/15/13	Mon 7/15/13										
153	Complete Installation of Primary NSC	0 days	Mon 7/15/13	Mon 7/15/13										
154	Install Secondary Network Switching Center	0 days	Mon 7/15/13	Mon 7/15/13										
155	Install Ethernet Switch	0 days	Mon 7/15/13	Mon 7/15/13										
156	Install Base Station Access Server	0 days	Mon 7/15/13	Mon 7/15/13										
157	Complete Installation of Secondary NSC	0 days	Mon 7/15/13	Mon 7/15/13										
158	Install Interoperability Gateways	0 days	Mon 7/15/13	Mon 7/15/13										
159														
160	Phaseup Shutdown	20 days	Mon 7/15/13	Fri 8/9/13										
161	County develops Testplans / radio personalities	4 wks	Mon 7/15/13	Fri 8/9/13										
162														



HARRIS PROPRIETARY INFORMATION

Exhibit C

Example Acceptance Certificate

**MONTEREY COUNTY
NGEN REGIONAL RADIO COMMUNICATIONS SYSTEM**

[Phase Two System Acceptance Certificate

Or

Total System Final Acceptance Certificate]

- Customer Name:** County of Monterey, California (“COUNTY”)
- Contractor:** Harris Corporation, RF Communications Division (“CONTRACTOR”)
- Agreement:** County of Monterey Harris Corporation Radio System Purchase Agreement dated December 7, 2010, as amended (AGREEMENT”)
- Work Completed:** Delivery, installation and testing of the [Phase Two System or the Total System]
- Testing Completed:** [Functional Acceptance Testing of the Phase Two System, or Coverage and Reliability Testing for the Total System]

CONTRACTOR hereby represents that CONTRACTOR has performed and delivered all of the work required for delivery, installation and testing of the [Phase Two System or the Total System] as required under the terms of the AGREEMENT. Such work includes, but is not limited to, the following:

[Insert Details]

In consideration of the above, the COUNTY hereby accepts the [Phase Two System or the Total System] and, based on this acceptance, warranty shall begin for the assets specified in the Agreement.

[Signature Page Follows]

CONTRACTOR

HARRIS CORPORATION,
acting through its RF Communications Division

By: _____
Christopher W. Chaffee
Senior Contracts Manager

Date: _____

COUNTY OF MONTEREY

By: _____
William Harry
Director of Emergency Communications

Date: _____

By: _____
Mike Derr
Contracts / Purchasing Officer

Date: _____