

**MARIN EMERGENCY RADIO AUTHORITY**

c/o Novato Fire Protection District

95 Rowland Way, Novato, CA 94945

PHONE: (415) 878-2690 FAX: (415) 878-2660

[WWW.MERAONLINE.ORG](http://WWW.MERAONLINE.ORG)

**DATE:** August 10, 2016  
**TO:** MERA Next Generation Project Oversight Committee  
**FROM:** Dave Jeffries, Deputy Executive Officer for the Next Gen Project  
**SUBJECT:** AGENDA ITEM **B:** UPDATE ON THE NEXT GEN SYSTEM PROJECT

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Recommended Action: Receive and file report on the Next Gen System Project Update

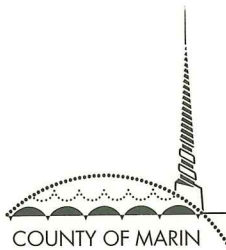
Background:

Since the RFP was approved by the MERA Governing Board on 04/27/16 and released to vendors, a mandatory Pre-Proposal meeting with prospective vendors was held on 05/16/16, followed by site visits led by Richard Chuck. The original due date was 07/22/16, but that has been extended two weeks to 08/05/16. To date, six (6) Addendums have been released in response to vendor inquiries. See attached.

Senior Homeowner Exemption Outreach increased the number of exemptions this year from 117 to 134 approved exemptions.

Attachments:

Request for Proposal Addendums #1- #6



# DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

Raul M. Rojas  
DIRECTOR

**DATE:** May 9, 2016

**TO:** All Holders of Request for Proposals

**FROM:** Pat Echols, Assistant Director/MERA Operations Officer

**RE:** Addendum #1 to Request for Proposal (RFP) dated May 6, 2016  
Marin Emergency Radio Authority  
Radio Communications System

Administration  
PO Box 4186  
San Rafael, CA 94913-4186  
415 473 6528 T  
415 473 3799 F  
415 473 3232 TTY  
CRS Dial 711  
www.marincounty.org/pw

You are hereby advised of the following revisions and/or clarifications for said Request for Proposals:

Accounting

Airport

Building Maintenance

Capital Projects

Certified Unified Program  
Agency (CUPA)

Communications  
Maintenance

County Garage

Disability Access

Engineering & Survey

Flood Control &  
Water Resources

Land Development

Purchasing

Real Estate

Reprographic Services

Road Maintenance

Stormwater Program

Transportation &  
Traffic Operations

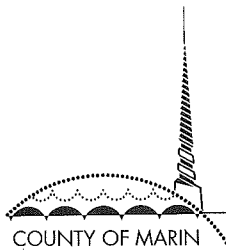
Waste Management

- Section 3.3, subsection E is revised to read as follows:  
RESPONDENT shall survey existing MERA/Marin County sites and dispatch facilities. Limited to three personnel per RESPONDENT. **Please provide names of personnel attending the site visits by 12:00 PM, May 11, 2016. Site visits will commence immediately after the pre-proposal conference on May 16, 2016 and will conclude by May 27, 2016.**

**Addendum # 1, received by:**

\_\_\_\_\_  
Signature Date

Company Name: \_\_\_\_\_



COUNTY OF MARIN

# DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

Raul M. Rojas  
DIRECTOR

**DATE:** June 3, 2016

**TO:** All Holders of Request for Proposals

**FROM:** Pat Echols, Assistant Director/MERA Operations Officer

Administration  
PO Box 4186  
San Rafael, CA 94913-4186  
415 473 6528 T  
415 473 3799 F  
415 473 3232 TTY  
CRS Dial 711  
www.marincounty.org/pw

**RE:** Addendum #2 to Request for Proposal (RFP) dated May 6, 2016  
Marin Emergency Radio Authority  
Radio Communications System

You are hereby advised of the following revisions and/or clarifications for said Request for Proposals:

Accounting

- Section 3.3, subsection B is revised to read as follows:  
RESPONDENT may submit questions to the County, in either written or electronic format (e-mail), prior to 4:00 p.m PST on June 17, 2016.

Airport

Building Maintenance

Capital Projects

**This Addendum must be signed and included with RESPONDENT proposal.**

Certified Unified Program Agency (CUPA)

**Addendum # 2, received by:**

Communications  
Maintenance

\_\_\_\_\_  
Signature Date

County Garage

Company Name: \_\_\_\_\_

Disability Access

Engineering & Survey

Flood Control &  
Water Resources

Land Development

Purchasing

Real Estate

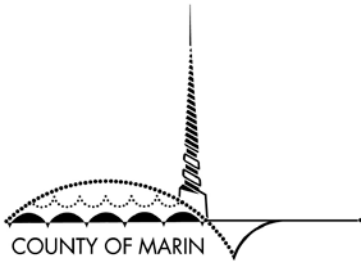
Reprographic Services

Road Maintenance

Stormwater Program

Transportation &  
Traffic Operations

Waste Management



## DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

**DATE:** June 6, 2016

**TO:** All Holders of Request for Proposals

**FROM:** Pat Echols, Assistant Director/MERA Operations Officer

**RE:** Addendum #3 to Request for Proposal (RFP) dated May 6, 2016  
Marin Emergency Radio Authority  
Radio Communications System

You are hereby advised of the following revisions and/or clarifications for said Request for Proposals:

1. **Question:** Can electronic shapefiles be provided for the coverage service areas indicated in Appendix H?

**Response:** Yes. Shapefiles will be uploaded to the Marin County website as an attachment to the RFP.

2. **Question:** Referencing – 4.1 E New distributed antenna systems (DAS) and/or bi-directional amplifiers (BDA) shall be provided for the Cal-Park Tunnel and SO jail complexes. (Note – Jail is a requirement; all others are local agency options)

In order to accurately quote services, materials, and coverage, will construction drawings be made available for the two BDA installation locations?

In the event that drawings are not available, can the jail complex site walks be re-scheduled and attendee names re-submitted in order to accommodate attendance from BDA subject matter experts?

**Response:** Yes. RESPONDENTS must attend jail complex sitewalks and further must also visit the Fairfax PD site, as this site was not visited by all RESPONDENTS during initial sitewalks. RESPONDENTS must coordinate and schedule with MERA a time to complete all remaining sitewalks. All sitewalks must be completed by 6/24/16.

3. **Question:** Can the original source documents (i.e. Microsoft Word) of the RFP be provided?

**Response:** Yes. The source document will be uploaded to the Marin County website as an attachment to the RFP. In the unlikely event of any discrepancy between the source document and PDF document, the PDF document will prevail.

4. **Question:** In the mandatory pre-bid meeting the county informed the potential bidders that some or all construction portions of the RFP would not be provided by the Selected Vendor. Can the county please clarify which construction portions of the RFP will and will not be provided by the Selected Vendor?

**Response:** Any items dealing with site preparation (e.g. site grading, electrical, foundations, etc.) will NOT be provided by SELECTED VENDOR. SELECTED VENDOR will provide all equipment hardware, buildings, towers, etc.

5. **Question:** In the mandatory pre-bid meeting the county informed the potential bidders that some or all construction portions of the RFP could not be provided by the Selected Vendor. Can the county please clarify how bidders will be evaluated with regards to the construction portion(s) and required pricing of the RFP?

**Response:** MERA/County will use the evaluation criteria listed in Table 1, Section 3.6 of the RFP, which includes site selection and existing site development. The RESPONDENT's estimated site development/construction cost will be considered by MERA with respect to overall project budget forecasting, but will not be included as part of the MERA/County contract with the selected vendor.

6. **Question:** In the mandatory pre-bid meeting the county informed the potential bidders that the Selected Vendor should provide information regarding the sites in their design and the needed upgrades and/or new construction requirements so that the County could use this information to go out to bid for the said upgrades and/or new construction requirements. Could the County elaborate on their expectations for this information provided by the Selected Vendor? For example, What type of work product, at a minimum, would the County need from the Selected Vendor to support their Construction RFP needs?

**Response:** SELECTED VENDOR would need to supply a complete drawings package such that the drawings package could be submitted as part of an overall bid package that the County would advertise.

7. **Question:** Will Respondents and/or Selected Vendor who provide site development/construction work product and pricing as part of their proposals be precluded from bidding on future site construction and facility improvements?

**Response:** No

8. **Question:** Referencing 6.2.4 D-E - D. The SELECTED VENDOR shall be responsible for providing and implementing an over-the-air Fire Station and Siren Alerting System that provides, at least the same level of features and functionality utilized today at 35 fire stations.

E. RESPONDENTS may propose, as an OPTION alternative Fire Station Alerting, Remote Gate Control and Knox Box system(s) they feel may provide a better solution than the system(s) in use today.

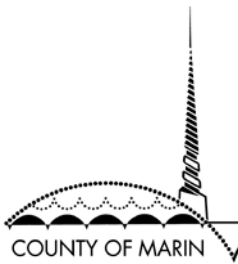
Can the county please clarify if Respondents are required to propose a complete new fire station alerting system or to re-use the existing system to the fullest extent possible (i.e. only change-out RF control from UHF T-band to 700MHz)?

If a complete new fire station alerting system is required, can the county please provide floorplans of each fire station and the required number and type of devices to be controlled at each station (i.e. overhead door, stove, lights, etc)?

**Response:** RESPONDENTS are required to duplicate the functionality of the existing system with a complete fire station alerting system. The new system will be required to interface to the existing equipment at each fire station with a dry contact closure with a two-second delay. Additionally, they will need to provide an audio source to power four separate audio zones.

9. **Question:** Referencing 6.2.4B - Knox Boxes are remotely controlled using an analog talkgroup on the MERA trunked network with DTMF signaling.





**DATE:** June 7, 2016

**TO:** All Holders of Request for Proposals

**FROM:** Pat Echols, Assistant Director/MERA Operations Officer

**RE:** Addendum #4 to Request for Proposal (RFP) dated May 6, 2016  
Marin Emergency Radio Authority  
Radio Communications System

You are hereby advised of the following responses to questions for said Request for Proposals:

1. **Question:** Do you require the backhaul system to be MPLS based?

**Response:** No, the microwave network does not need to be MPLS based. The backbone system must meet all requirements of the selected vendor.

2. **Question:** If you require MPLS, would you require the IP/MPLS system to have power and control redundancy?

**Response:** MPLS not required.

3. **Question:** In an effort to reduce elements and thus points of failure would the county prefer the Microwave Transceiver in be integrated with the MPLS router?

**Response:** MPLS not required.

4. **Question:** In a ring configuration, do you require the microwave radios 1+1 or 1+0?

**Response:** Not applicable.

5. **Question:** Would you require for your system to be ring based or to have full mesh capabilities?

**Response:** Not applicable.

6. **Question:** What interfaces would you require to drop at each site aside Ethernet? T1, E&M, FXS etc?

**Response:** Interfaces will be dictated by the requirements of the selected vendor.

7. **Question:** Do you require indoor or outdoor radios?

**Response:** Indoor radios are required.

8. **Question:** Will you be running any other types of traffic outside LMR on the backhaul system?

**Response:** The system is for LMR and interop use only.

**This Addendum must be signed and included with RESPONDENT proposal.**

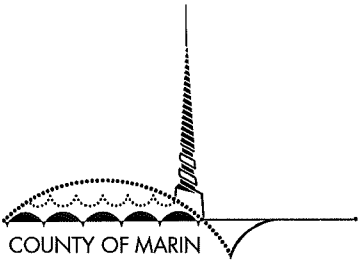
**Addendum # 4, received by:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Company Name: \_\_\_\_\_





DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

DATE: June 20, 2016

TO: All Holders of Request for Proposals

FROM: Pat Echols, Assistant Director/MERA Operations Officer

RE: Addendum #5 to Request for Proposal (RFP) dated May 6, 2016
Marin Emergency Radio Authority
Radio Communications System

You are hereby advised of the following revisions and/or clarifications for said Request for Proposals:

- 1. Question: Can the County please provide ESRI shapefiles for the H.5 User Identified Poor Coverage Areas and H.6 Local Service Calls?

Response: Yes. Shapefiles will be uploaded to the Marin County website as an attachment to the RFP.

- 2. Question: Can the County please confirm that the red bounded areas of Figure H.5 – User Identified Poor Coverage Areas is the Specific Coverage Area Requirements #3, Portable on-street-Defined trouble Areas?

Response: Yes. The red bounded areas are the Specific Coverage Area Requirements #3.

- 3. Question: Can the County please confirm that the green bounded areas of Figure H.6 – Local Service Calls are the Specific Coverage Area Requirements #4, Portable on-street-Defined Historic Call Area?

Response: Yes. The red bounded areas are the Specific Coverage Area Requirements #4.

- 4. Question: Will the County accept the electronic copies on a USB flash drive as an alternate to CD-ROM media?

Response: Yes.

- 5. Question: Will the County please extend the proposal due date by (at least) four weeks?

Response: Section 3.1, subsection A, is revised to read as follows:

Proposals must be received by close of business on August 5, 2016.

Proposals received after this time will not be considered.

Section 3, Table 1 is also revised to reflect the above revision of date when sealed proposals are due and duration of proposal evaluation period is changed to August 9 – September 19.

This Addendum must be signed and included with RESPONDENT proposal.

Addendum # 4, received by:

Signature \_\_\_\_\_ Date \_\_\_\_\_

Company Name: \_\_\_\_\_

