The undersigned stockholder(s) of RELM Wireless Corporation, a Nevada corporation (the “Company”), hereby revoking any proxy heretofore given, does hereby appoint David P. Storey and William P. Kelly, and each of them, with full power to act alone, the true and lawful attorneys-in-fact and proxies of the undersigned, with full powers of substitution, and hereby authorize(s) them and each of them, to represent the undersigned and to vote all shares of common stock of the Company that the undersigned is entitled to vote at the 2016 Annual Meeting of Stockholders of the Company to be held on May 18, 2016 at 10:30 a.m., local time, at the corporate offices of the Company at 7100 Technology Drive, West Melbourne, Florida 32904, and any and all adjournments and postponements thereof, with all powers the undersigned would possess if personally present, on the following proposals, each as described more fully in the accompanying proxy statement, and any other matters coming before said meeting.

(CONTINUED AND TO BE SIGNED ON REVERSE SIDE.)

VOTING INSTRUCTIONS
If you vote by phone, fax or internet, please DO NOT mail your proxy card.

MAIL: Please mark, sign, date, and return this Proxy Card promptly using the enclosed envelope.

FAX: Complete the reverse portion of this Proxy Card and Fax to 202-521-3464.

INTERNET: https://www.iproxydirect.com/RWC

PHONE: 1-866-752-VOTE(8683)
ANNUAL MEETING OF THE STOCKHOLDERS OF
RELM WIRELESS CORPORATION

PROXY SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

Proposal 1

Election of Directors:

☐ David P. Storey
☐ Donald F.U. Goebert
☐ Timothy W. O’Neil
☐ D. Kyle Cerminara
☐ Lewis M. Johnson

Proposal 2

To ratify the appointment of Moore Stephens Lovelace, P.A. as our independent registered public accounting firm for fiscal year 2016.

Proposal 3

To transact such other business properly brought before the meeting and any adjournment or postponement of the meeting.

This proxy will be voted in the manner directed herein by the undersigned.

IF NO DIRECTION IS GIVEN, THIS PROXY WILL BE VOTED “FOR” THE ELECTION OF THE NOMINEES FOR DIRECTOR NAMED IN PROPOSAL 1, “FOR” RATIFICATION OF THE AUDITOR APPOINTMENT IN PROPOSAL 2, AND IN THE DISCRETION OF THE PROXIES ON SUCH OTHER MATTERS AS MAY PROPERLY COME BEFORE THE ANNUAL MEETING OR ANY ADJOURNMENTS OR POSTPONEMENTS THEREOF TO THE EXTENT PERMITTED UNDER APPLICABLE LAW.

MARK “X” HERE IF YOU PLAN TO ATTEND THE MEETING:

MARK HERE FOR ADDRESS CHANGE ☐ New Address (if applicable):

__________________________________________
__________________________________________

IMPORTANT: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

Dated: ________________________, 2016

__________________________________________
(Print Name of Stockholder and/or Joint Tenant)

__________________________________________
(Signature of Stockholder)

__________________________________________
(Second Signature if held jointly)