

ANNUAL MEETING OF STOCKHOLDERS OF ES BANCSHARES, INC.

May 24, 2018

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NOTICE OF INTERNET AVAILABILITY OF PROXY MATERIAL:

The Notice of Meeting, Proxy Statement, and Annual Report to Stockholders are available at www.esbna.com

Please sign, date and mail
your proxy card in the
envelope provided as soon
as possible.

↓ Please detach along perforated line and mail in the envelope provided. ↓

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THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THE ELECTION OF THE NOMINEES LISTED BELOW AND "FOR" THE RATIFICATION OF THE APPOINTMENT OF THE INDEPENDENT REGISTERED PUBLIC AUDITING FIRM. PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE

1. The election as directors of all nominees listed below (except as marked to the contrary)

- FOR ALL NOMINEES
- WITHHOLD AUTHORITY FOR ALL NOMINEES
- FOR ALL EXCEPT (See instructions below)
- NOMINEES:**
- Michael Menicucci
 - Michael P. Ostrow
 - Albert J. Pagano

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark "FOR ALL EXCEPT" and fill in the circle next to each nominee you wish to withhold, as shown here: ●

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

2. The ratification of the appointment of Crowe Horwath LLP as our independent registered public auditing firm for the year ending December 31, 2018. FOR AGAINST ABSTAIN

If any matters are properly presented at the Meeting for action other than those set forth in the Notice of Annual Meeting of Stockholders, the Board of Directors, as proxy for the stockholder, will have the discretion to vote on such matters in accordance with their best judgment.

THIS PROXY WILL BE VOTED AS DIRECTED, BUT IF NO INSTRUCTIONS ARE SPECIFIED, THIS PROXY WILL BE VOTED FOR THE NOMINEES LISTED ABOVE AND FOR THE RATIFICATION OF THE APPOINTMENT OF CROWE HORWATH LLP AS THE COMPANY'S INDEPENDENT REGISTERED PUBLIC AUDITING FIRM FOR THE YEAR ENDING DECEMBER 31, 2018. IF ANY OTHER BUSINESS IS PRESENTED AT THE MEETING, THIS PROXY WILL BE VOTED BY THE BOARD OF DIRECTORS IN ITS BEST JUDGMENT. AT THE PRESENT TIME, THE BOARD OF DIRECTORS KNOWS OF NO OTHER BUSINESS TO BE PRESENTED AT THE MEETING.

This Proxy may be revoked at any time before it is voted by: (i) filing with the Secretary of ES Bancshares, Inc. at or before the Meeting a written notice of revocation bearing a later date than this Proxy; (ii) duly executing a subsequent proxy relating to the same shares and delivering it to the Secretary of the Company at or before the Meeting, or following the internet or phone instructions below; or (iii) attending the Meeting and voting in person (although attendance at the Meeting will not in and of itself constitute revocation of this Proxy). If this Proxy is properly revoked as described above, then the power of the Board of Directors to act as attorney and proxy for the undersigned shall be deemed terminated and of no further force and effect.

The undersigned acknowledges receipt from the Company, prior to the execution of this proxy, of notice of the Meeting, a Proxy Statement and Annual Report to Stockholders.

Signature of Stockholder Date: Signature of Stockholder Date:

Note: 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.