Notes to Proxy

1. Every shareholder has the right to appoint a proxyholder, other than the persons designated in this form of proxy, to attend and act on your behalf at the meeting. If you wish to appoint a proxyholder, please insert the name of the person in the space provided on the reverse side, or by completing another legal form of proxy. The proxyholder is not required to be a shareholder of RBC.

2. This Form of Proxy should be dated and signed by the shareholder or shareholder’s attorney authorized in writing. If the shareholder is a corporation, the Form of Proxy should be signed by its duly authorized officer(s). If this proxy is not dated, it shall be deemed to bear the date on which it is mailed to shareholders.

3. This proxy is solicited by the management of RBC and the shares represented by this proxy will be voted for or against or withheld or abstained from voting in accordance with the instructions given by the shareholder.

4. In the absence of any contrary instructions, the shares represented by proxies received by management will be voted “FOR” items 1 to 5 and “AGAINST” shareholder proposals nos. 1 to 8.

5. If you mark the ABSTAIN box, you are directing your proxyholder to ABSTAIN from voting FOR or AGAINST that matter. An abstention will be counted as present for quorum purposes but will not be counted as a vote cast in determining whether the requisite majority of votes cast has approved the proposal. The number of abstentions will be reported in the voting results.

6. This Form of Proxy should be read in conjunction with the accompanying Notice of Annual Meeting of Common Shareholders and Management Proxy Circular.

7. Information contained in or otherwise accessible through the websites mentioned in this Form of Proxy does not form a part of this Form of Proxy. All references in this Form of Proxy to the websites are inactive textual references only.

METHOD OF VOTING

To Vote by Mail

- Complete, sign and date the reverse hereof.
- Return this Proxy in the envelope provided.

To Vote by Fax

- Complete, sign and date the reverse hereof.
- Forward it by fax (toll-free in Canada and the U.S.) to 1-866-249-7775.
- Forward it by fax to (416) 263-9524 for calls outside Canada and the U.S.

To Vote Using the Internet

- Go to the following website: www.investorvote.com
- Smartphone? Scan the QR code to vote now.

To Receive Documents Electronically

- You can enroll to receive future shareholder communications electronically by visiting www.investorcentre.com.

To Attend the Meeting

- For information about how to attend the meeting in person or online, please visit rbc.com/investorrelations.

If you vote by Fax or Internet, Do NOT mail back this proxy.
To ensure your vote is counted, proxies must be received by 1:00 p.m. (Eastern Time) on Monday, April 3, 2023.

To vote by Internet, you will need to provide your CONTROL NUMBER listed below.

CONTROL NUMBER
This Form of Proxy is solicited by and on behalf of management of Royal Bank of Canada.

Appointment of Proxyholder
The undersigned holder of Common Shares of
ROYAL BANK OF CANADA ("RBC") hereby appoints:
KATHLEEN TAYLOR, Chair of the Board, failing whom
DAVID MCKAY, President and Chief Executive Officer
OR Print the name of the person you are appointing if this person is someone instead of the foregoing

as proxyholder of the undersigned, with the power of substitution, to attend the meeting in person or online, vote and otherwise act for and on behalf of the undersigned in respect of all matters that may come before the Annual and Special Meeting of Common Shareholders of RBC to be held on April 5, 2023 at 9:30 a.m. (Central Time) and any adjournment(s) thereof, as directed herein if a choice is specified by the undersigned or, if no choice is specified, as the proxyholder sees fit, and with authority to act in the proxyholder’s discretion in respect of all the business items described in the enclosed Notice of Annual and Special Meeting of Common Shareholders or any amendments or variations to such business items and other matters as may properly come before the meeting. For information about how to attend this annual and special meeting, please visit rbc.com/investorrelations.

Note: If completing the appointment box above YOU MUST go to http://www.computershare.com/RBC2023 and provide Computershare with the name and email address of the person you are appointing in order for this person to attend the meeting online. Computershare will use this information ONLY to provide the appointee with a username to gain entry to the meeting online. This username will allow your proxyholder to login to, vote and ask questions at the meeting online. Without a username, your proxyholder will only be able to log-in to the meeting as a guest and will not be able to vote or ask questions.

The Board of Directors and management recommend that shareholders vote FOR items 1 to 5 below:

1. Election of Directors
   For Withhold For Withhold For Withhold For Withhold
   M. Bibic T.N. Daruvala D. McKay B.A. van Kralingen
   A.A. Chisholm C. Devine M. Turcke F. Vettese
   J. Côté R.L. Jamieson T. Vandal J. Yabuki

2. Appointment of PricewaterhouseCoopers LLP (PWC) as auditor
   For Against

3. Advisory vote on the Bank’s approach to executive compensation
   For Against

4. Ordinary resolution to approve an amendment to the Bank’s stock option plan to extend the exercise period of stock options that expire during a blackout period or shortly thereafter
   For Against

5. Special resolution to approve an amendment to subsection 1.1.2 of by-law three to increase the maximum aggregate consideration limit of first preferred shares and to modify such limit to only include first preferred shares outstanding at any given time
   For Against

Shareholder Proposals (set out in Schedule “A” of the accompanying Management Proxy Circular)
The Board of Directors and management recommend that shareholders vote AGAINST the shareholder proposals.

For Against Abstain For Against Abstain For Against Abstain
Proposal No. 1 Proposal No. 4 Proposal No. 7
Proposal No. 2 Proposal No. 5 Proposal No. 8
Proposal No. 3 Proposal No. 6

PLEASE SEE THE NOTES ON THE REVERSE SIDE, WHICH ARE PART OF THIS FORM OF PROXY.

Authorized Signature(s) - Sign Here - This section must be completed for your instructions to be executed.

Signature(s)

Quarterly Reports Request
Mark this box if you want to receive our Quarterly Financial Statements and MD&A. If you do not mark the box and return this form, the Quarterly Reports will not be mailed to you in 2023.

Annual Report Waiver
Mark this box if you did NOT want to receive the Annual Financial Statements and MD&A. If you do not mark this box, the Annual Report will continue to be sent to you by mail.