



8th Floor, 100 University Avenue Toronto, Ontario M5J 2Y1 www.computershare.com

AIQQ 000001

SAM SAMPLE 123 SAMPLES STREET SAMPLETOWN SS X9X X9X CANADA

Security Class
COMMON SHARES

Holder Account Number

C9999999999 IND

Fold

Form of Proxy - Annual Meeting of Shareholders to be held on June 6, 2023

This Form of Proxy is solicited by and on behalf of Management.

Notes to proxy

- 1. Every securityholder has the right to appoint some other person or company of their choice, who need not be a securityholder, to attend and act on their behalf at the meeting or any adjournment or postponement thereof. If you wish to appoint a person or company other than the Management Nominees whose names are printed herein, please insert the name of your chosen proxyholder in the space provided (see reverse).
- 2. If the securities are registered in the name of more than one owner (for example, joint ownership, trustees, executors, etc.), then all those registered should sign this proxy. If you are voting on behalf of a corporation or another individual you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated.
- 3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
- 4. If a date is not inserted in the space provided on the reverse of this proxy, it will be deemed to bear the date on which it was mailed to the holder by Management.
- 5. The securities represented by this proxy will be voted as directed by the holder, however, if such a direction is not made in respect of any matter, and the proxy appoints the Management Nominees listed on the reverse, this proxy will be voted as recommended by Management.
- 6. The securities represented by this proxy will be voted in favour, or withheld from voting, or voted against each of the matters described herein, as applicable, in accordance with the instructions of the holder, on any ballot that may be called for. If you have specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
- 7. This proxy confers discretionary authority in respect of amendments or variations to matters identified in the Notice of Meeting and Management Information Circular or other matters that may properly come before the meeting or any adjournment or postponement thereof, unless prohibited by law.
- 8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

Fold

Proxies submitted must be received by 9:00 a.m., Eastern Daylight Time, on June 2, 2023.

VOTE USING THE TELEPHONE OR INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Telephone

Call the number listed BELOW from a touch tone telephone

1-866-732-VOTE (8683) Toll Free



To Vote Using the Internet

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





To Receive Documents Electronically

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

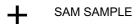
If you vote by telephone or the Internet, DO NOT mail back this proxy.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual.

Voting by mail or by Internet are the only methods by which a holder may appoint a person as proxyholder other than the Management Nominees named on the reverse of this proxy. Instead of mailing this proxy, you may choose one of the two voting methods outlined above to vote this proxy.

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

CONTROL NUMBER 23456 78901 23456



C9999999999

IND C03



Appointment of Proxyholder

I/We being holder(s) of securities of Aecon Group Inc. (the "Corporation") hereby appoint: Jean-Louis Servranckx, President and CEO, or failing this person, Martina Doyle, General Counsel, Public Company and Corporate Secretary (the "Management Nominees")

OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein.

as my/our proxyholder with full power of substitution and to attend, act and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and on all other matters that may properly come before the Annual Meeting of Shareholders of Aecon Group Inc. (the "Corporation") to be held at 20 Carlson Court, Suite 105, Toronto, Ontario, Canada M9W 7K6 on June 6, 2023 at 9:00 a.m., Eastern Daylight Time, and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY HIGHLIGHTED TEXT OVER THE BOXES.										
1. Election of Directors	For	Against		For	Against		For	Against		
01. John M. Beck			02. Anthony P. Franceschin	i 🗌		03. J.D. Hole				
04. Susan Wolburgh Jenah			05. Stuart Lee			06. Eric Rosenfeld				
07. Jean-Louis Servranckx			08. Monica Sloan			09. Deborah S. Stein				
10. Scott Thon										
							For	Against		
 Advisory Vote Regarding Executive Compensation Approval, on an advisory basis, of the approach to the Corporation's executive compensation disclosed in the 2023 Management Information 										
Circular.							For	Withhold		
3. Appointment of Auditors										
Re-appointment of Pricewaterhout to fix their remuneration.	seCoopers	LLP, Cha	rtered Accountants, as auditors	s of the Corporati	on and au	thorization of the board of directors	, L			
Signature of Proxyholder				Signature(s)		Date				
I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, and the proxy appoints the Management Nominees, this Proxy will be voted as recommended by Management.							NWIYY			
Interim Financial Statements - Mark this be like to receive Interim Financial Statements accompanying Management's Discussion a mail. If you are not mailing back your proxy, you in the statement of the stateme	and and Analysis by		Annual Financial Statements - M NOT like to receive the Annual Fina accompanying Management's Disc mail. //e the above financial report(s) by mail	cussion and Analysis b	у Ш	glist.				

AIOQ

3 5 2 9 9 5

1 A P I Z

A R 2

9 9 9 9 9



Fold

Fold