

INTELGENX TECHNOLOGIES CORP.
Special Meeting of Shareholders
November 28, 2023 11:00 AM
This proxy is solicited by the Board of Directors

The shareholder hereby appoints Dr. Horst G. Zerbe and Andre Godin, or either of them, as proxies, each with the power to appoint his substitute, and hereby authorizes them to represent and to vote, as designated below, all of the shares of common stock of INTELGENX TECHNOLOGIES CORP. (the "Company") that the shareholder is entitled to vote at the Special Meeting of Shareholders (the "Meeting") to be held at 11:00 AM, EDT on November 28, 2023 and any adjournment or postponement thereof. The Meeting will be in a completely virtual format and will be conducted by way of a live audio webcast through a Virtual Platform. There will be no physical Meeting location. In order to attend the Meeting, you must register in advance at <https://register.proxypush.com/IGXT> prior to the deadline of November 24, 2023 at 5:00 p.m. Eastern Time.

THE UNDERSIGNED HEREBY REVOKES ANY PROXY OR PROXIES HERETOFORE GIVEN TO VOTE UPON OR ACT WITH RESPECT TO SUCH COMMON STOCK AND HEREBY RATIFIES AND CONFIRMS ALL THAT THE PROXIES, THEIR SUBSTITUTES OR ANY OF THEM MAY LAWFULLY DO BY VIRTUE HEREOF.

The Board of Directors of IntelGenx Technologies Corp. recommends a vote FOR proposals 1 to 5 listed below.

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|---|--------------------------|-----|--------------------------|---------|--------------------------|---------|
| 1. To amend the Certificate of Incorporation to increase the authorized common stock from 450,000,000 shares of common stock to 580,000,000 shares. | <input type="checkbox"/> | FOR | <input type="checkbox"/> | AGAINST | <input type="checkbox"/> | ABSTAIN |
| | | | | | | |
| 2. To approve for purposes of complying with Sections 607(e) and 607(i) of the Toronto Stock Exchange ("TSX") Company Manual, the issuance of shares of common stock of the Company (each, a "Share") at prices which may be less than the minimum price permitted under the rules of the TSX in connection with certain financing transactions, as further described in the proxy statement. | <input type="checkbox"/> | FOR | <input type="checkbox"/> | AGAINST | <input type="checkbox"/> | ABSTAIN |
| | | | | | | |
| 3. To approve for purposes of complying with Section 607(g)(i) of the TSX Company Manual the issuance of Shares in excess of 24.99% of the issued and outstanding Shares in connection with certain financing transactions, as further described in the proxy statement. | <input type="checkbox"/> | FOR | <input type="checkbox"/> | AGAINST | <input type="checkbox"/> | ABSTAIN |
| | | | | | | |
| 4. To approve for purposes of complying with Section 607(g)(ii) of the TSX Company Manual, the issuance of Shares to "insiders" of the Company (as such term is defined in the policies of the TSX) in excess of 9.99% of the issued and outstanding Shares in connection with certain financing transactions, as further described in the proxy statement. | <input type="checkbox"/> | FOR | <input type="checkbox"/> | AGAINST | <input type="checkbox"/> | ABSTAIN |
| | | | | | | |
| 5. To approve the adjournment of the Meeting, if necessary, to continue to solicit votes in favor of the foregoing proposals. | <input type="checkbox"/> | FOR | <input type="checkbox"/> | AGAINST | <input type="checkbox"/> | ABSTAIN |

Please date this proxy and sign your name exactly as it appears hereon. Where there is more than one owner, each should sign. When signing as an attorney, administrator, executor, guardian or trustee, please add your title as such. If executed by a corporation, the proxy should be signed by a duly authorized officer.

Signature _____

Signature (Co-owner) _____

Dated: _____, 2023

- ☐ Please Mark Here for Address Change or Comments. Provide updated address or comments in the space provided below.

- ☐ I agree to receive all future communications related to these holdings electronically via the email address provided below. I understand I am able to change this selection at any time in the future.

EMAIL ADDRESS: _____

Please return your completed proxy whether or not you plan to attend the virtual Meeting. You may nevertheless vote in person if you do attend.

If you vote by Internet, you do NOT need to mail back your proxy card

YOUR VOTE IS IMPORTANT
Voting Instructions are on Reverse.

Voting Instructions

You may vote your proxy in the following ways:



Via Internet:

- Login to <https://annualgeneralmeetings.com/igxtsp2023>
- Enter your control number (12 digit number located below)



Via Mail:

Pacific Stock Transfer Company
Proxy Department
6725 Via Austi Parkway, Suite 300
Las Vegas, Nevada 89119



Via Virtual Meeting:

The Company will be hosting its 2023 Special Meeting live via the Internet. In order to attend the meeting, you must register in advance at <https://register.proxypush.com/IGXT> prior to the deadline of November 24, 2023 at 5:00 p.m. Eastern Time. Upon completing your registration, you will receive further instructions via email, including your unique links that will allow you access to the Special Meeting and will permit you to submit questions at the time of registration. Registered shareholders will also be able to vote at the virtual meeting.

CONTROL NUMBER

You may vote by Internet 24 hours a day, 7 days a week. Internet voting is available through 11:59 p.m., prevailing time, on November 27, 2023.

Your Internet vote authorizes the named proxies to vote in the same manner as if you marked, signed and returned your proxy card.