

Required fields are shown with yellow backgrounds and asterisks.

Page 1 of \* 26

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549  
Form 19b-4

File No. \* SR 2024 - \* 36

Amendment No. (req. for Amendments \*)

Filing by Nasdaq PHLX LLC

Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934

Initial * <input checked="" type="checkbox"/>	Amendment * <input type="checkbox"/>	Withdrawal <input type="checkbox"/>	Section 19(b)(2) * <input type="checkbox"/>	Section 19(b)(3)(A) * <input checked="" type="checkbox"/>	Section 19(b)(3)(B) * <input type="checkbox"/>
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Pilot <input type="checkbox"/>	Extension of Time Period for Commission Action * <input type="checkbox"/>	Date Expires * <input type="text"/>
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Rule

<input type="checkbox"/> 19b-4(f)(1)	<input type="checkbox"/> 19b-4(f)(4)
<input checked="" type="checkbox"/> 19b-4(f)(2)	<input type="checkbox"/> 19b-4(f)(5)
<input type="checkbox"/> 19b-4(f)(3)	<input type="checkbox"/> 19b-4(f)(6)

Notice of proposed change pursuant to the Payment, Clearing, and Settlement Act of 2010  
Section 806(e)(1) \*

Section 806(e)(2) \*

Security-Based Swap Submission pursuant to the Securities Exchange Act of 1934  
Section 3C(b)(2) \*

Exhibit 2 Sent As Paper Document

Exhibit 3 Sent As Paper Document

**Description**

Provide a brief description of the action (limit 250 characters, required when Initial is checked \*).

A proposal to amend the Exchanges fee for Remote Hands Services

**Contact Information**

Provide the name, telephone number, and e-mail address of the person on the staff of the self-regulatory organization prepared to respond to questions and comments on the action.

First Name \* Katie Last Name \* Hopkins

Title \* Associate General Counsel

E-mail \* katie.hopkins@nasdaq.com

Telephone \* (301) 232-4067 Fax

**Signature**

Pursuant to the requirements of the Securities Exchange of 1934, Nasdaq PHLX LLC has duly caused this filing to be signed on its behalf by the undersigned thereunto duly authorized.

Date 07/19/2024


(Title \*)

By John Zecca

EVP and Chief Legal Officer

(Name \*)

NOTE: Clicking the signature block at right will initiate digitally signing the form. A digital signature is as legally binding as a physical signature, and once signed, this form cannot be changed.

 Date: 2024.07.19 13:44:45 -04'00'

Required fields are shown with yellow backgrounds and astericks.

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

For complete Form 19b-4 instructions please refer to the EFFS website.

**Form 19b-4 Information \***

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SR-Phlx-2024-36 19b-4.docx

The self-regulatory organization must provide all required information, presented in a clear and comprehensible manner, to enable the public to provide meaningful comment on the proposal and for the Commission to determine whether the proposal is consistent with the Act and applicable rules and regulations under the Act.

**Exhibit 1 - Notice of Proposed Rule Change \***

Add Remove View

SR-Phlx-2024-36 Exhibit 1.docx

The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO]-xx-xx). A material failure to comply with these guidelines will result in the proposed rule change being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)

**Exhibit 1A - Notice of Proposed Rule Change, Security-Based Swap Submission, or Advanced Notice by Clearing Agencies \***

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The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO]-xx-xx). A material failure to comply with these guidelines will result in the proposed rule change being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)

**Exhibit 2- Notices, Written Comments, Transcripts, Other Communications**

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Copies of notices, written comments, transcripts, other communications. If such documents cannot be filed electronically in accordance with Instruction F, they shall be filed in accordance with Instruction G.

Exhibit Sent As Paper Document

**Exhibit 3 - Form, Report, or Questionnaire**

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Copies of any form, report, or questionnaire that the self-regulatory organization proposes to use to help implement or operate the proposed rule change, or that is referred to by the proposed rule change.

Exhibit Sent As Paper Document

**Exhibit 4 - Marked Copies**

Add Remove View

The full text shall be marked, in any convenient manner, to indicate additions to and deletions from the immediately preceding filing. The purpose of Exhibit 4 is to permit the staff to identify immediately the changes made from the text of the rule with which it has been working.

**Exhibit 5 - Proposed Rule Text**

Add Remove View

SR-Phlx-2024-36 Exhibit 5.docx

The self-regulatory organization may choose to attach as Exhibit 5 proposed changes to rule text in place of providing it in Item I and which may otherwise be more easily readable if provided separately from Form 19b-4. Exhibit 5 shall be considered part of the proposed rule change

**Partial Amendment**

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If the self-regulatory organization is amending only part of the text of a lengthy proposed rule change, it may, with the Commission's permission, file only those portions of the text of the proposed rule change in which changes are being made if the filing (i.e. partial amendment) is clearly understandable on its face. Such partial amendment shall be clearly identified and marked to show deletions and additions.

1. Text of the Proposed Rule Change

(a) Nasdaq PHLX LLC (“Phlx” or “Exchange”), pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”)<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> is filing with the Securities and Exchange Commission (“SEC” or “Commission”) a proposal to amend the Exchange’s fee for Remote Hands Services, as described further below.

While these amendments are effective upon filing, the Exchange has designated the proposed amendments to be operative on August 19, 2024.

A notice of the proposed rule change for publication in the Federal Register is attached as Exhibit 1. The text of the proposed rule change is attached as Exhibit 5.

(b) Not applicable.

(c) Not applicable.

2. Procedures of the Self-Regulatory Organization

The proposed rule change was approved by senior management of the Exchange pursuant to authority delegated by the Board of Directors (the “Board”). Exchange staff will advise the Board of any action taken pursuant to delegated authority. No other action is necessary for the filing of the rule change.

Questions and comments on the proposed rule change may be directed to:

Katie Hopkins  
Associate General Counsel  
Nasdaq, Inc.  
301-232-4067

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<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

3. Self-Regulatory Organization’s Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

a. Purpose

The purpose of the proposed rule change is to amend a service fee relating to connectivity and co-location services. Specifically, the Exchange proposes to decrease its fee for Remote Hands Services, at General 8, Section 1, to \$151.50 per hour.

General 8, Section 1 includes the Exchange’s fees that relate to co-location services, including “Remote Hands Services.” The term “Remote Hands Services” refers to the use of Exchange engineers to perform on-site technical support tasks in its Data Center on behalf of its co-located customers, including the following: (1) power cycling of equipment; (2) patching and plugging in cabling and circuits; (3) observing, describing or reporting on display indicators; (4) configuration of hardware components instructed by the customer; (5) diagnosis and repairs as instructed by the customer; (6) swapping hardware components with customer-supplied spares or upgrades; (7) troubleshooting heat related issues as instructed by the Customer; and (8) returning defective equipment to the manufacturer or customer.

Earlier this year, the Exchange increased its \$150 per hour fee for Remote Hands Services, along with other connectivity and co-location services, by 5.5%, to partially account for the cumulative effects of inflation on the value to the Exchange of the revenues it earns through such fees.<sup>3</sup> Now, the Exchange proposes to lower the Remote Hands Services fee from its current level, \$158 per hour, to \$151.50 per hour, with the

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<sup>3</sup> The Exchange initially filed this proposed pricing change on March 1, 2024 (SR-Phlx-2024-08). On April 29, 2024, the Exchange withdrew that filing and submitted SR-Phlx-2024-019. On June 27, 2024, the Exchange withdrew and replaced that filing with SR-Phlx-2024-27.

net effect of providing for an overall smaller 1% increase over the original \$150 hourly rate.

The purpose of the proposed change in the Exchange's Remote Hands Services fee is the same as that which the Exchange expressed when it increased the fee by 5.5% earlier this year. That is, the change would enable the Exchange to maintain and improve its market technology and services. Prior to SR-Phlx-2024-27, the Exchange had not increased its Remote Hands fee since 2010.<sup>4</sup> However, since 2010, there has been notable inflation. Between 2010 and 2024, the dollar had an average inflation rate of 2.64% per year, producing a cumulative price increase of 44.03%.<sup>5</sup> Moreover, a more specific and pertinent gauge of inflation – the Producer Price Index (“PPI”) for data processing, hosting and related services, active services pages, and other IT infrastructure provisioning services – increased 17.8% from 2010 to 2024.<sup>6</sup> An even more specific gauge of inflation – average hourly earnings (“AHE”) growth for Computing Infrastructure – increased 77% for non-managers and 81% for all employees from 2010 to 2024.<sup>7</sup> Notwithstanding such significant inflation, the Exchange had not increased its Remote Hands Service fees during this time, thereby eroding the value of the revenue it collects through this fee.<sup>8</sup>

The proposed fee represents a decrease in the existing \$158 per hour rate, and a net overall 1% increase from the original \$150 per month fee. The 1% fee increase,

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<sup>4</sup> See Securities Exchange Act Release No. 34-62395 (June 28, 2010), 75 FR 38584 (July 2, 2010) (SR-Phlx-2010-18).

<sup>5</sup> See <https://www.officialdata.org/us/inflation/2010?amount=1> (Last updated July 8, 2024).

<sup>6</sup> See <https://data.bls.gov/timeseries/PCU5182105182105> (Last updated July 7, 2024).

<sup>7</sup> See <https://www.bls.gov/web/empsit/ceseeb3a.htm> (Last updated July 5, 2024); <https://www.bls.gov/web/empsit/ceseeb8a.htm> (Last updated July 5, 2024).

<sup>8</sup> Unregulated competitors providing connectivity and co-location services often have annual price increases written into their agreements with customers to account for inflation and rising costs.

resulting in a proposed amended rate of \$151.50 per hour, is far below the rates of inflation, as measured by either the CPI, the PPI, or the AHE since 2010. Although the Exchange believes it would be reasonable to increase the fee by an amount equal to the full rates of inflation, however measured, to reestablish the initial value of the revenues it earns through its fees, the Exchange does not propose to do this. In fact, the Exchange now proposes to recalibrate even its initial 5.5% fee increase, because the Exchange is sensitive to the sticker shock that customers may experience when the Exchange raises rates. Instead, the Exchange proposes only a modest 1% increase over the prior \$150 per month rate, an amount that the Exchange believes to be reasonable on its face as it is significantly less than various measures of inflation discussed above, and even less than the original 5.5% increase.

The Exchange believes that it is reasonable to increase its fee to compensate for inflation because, over time, inflation has degraded the value of each dollar that the Exchange collects in fees, such that the real revenue collected today is considerably less than that same revenue collected in 2010. The Exchange notes that this inflationary effect is a general phenomenon that is independent of any change in the Exchange's costs in providing its goods and services. The Exchange believes that it is reasonable for it to offset, in part, this erosion in the value of the revenues it collects. The Exchange notes that other exchanges have filed for comparable or higher increases in certain connectivity-related fees, based in part on similar rationale.<sup>9</sup>

In addition, the Exchange continues to invest in maintaining, improving, and enhancing its connectivity and co-location products, services, and facilities – for the

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<sup>9</sup> See, e.g., Securities Exchange Act Release No. 34-100342 (June 14, 2024), 89 FR 52132 (June 21, 2024) (SR-CboeBYX-2024-021).

benefit and often at the behest of its customers. Such enhancements include refreshing hardware and expanding the Exchange's existing co-location facility to offer customers additional space and power. These investments, and the value they provide to customers, far exceed the amount of the proposed net price increase over the prior \$150 per hour rate. It is reasonable and consistent with the Act for the Commission to allow the Exchange to recoup these investments by charging fees, lest the Commission will disincentivize the Exchange to make similar investments in the future – a result that would be detrimental to the Exchange's competitiveness as well as the interests of market participants and investors.

b. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act,<sup>10</sup> in general, and furthers the objectives of Sections 6(b)(4) and 6(b)(5) of the Act,<sup>11</sup> in particular, in that it provides for the equitable allocation of reasonable dues, fees and other charges among members and issuers and other persons using any facility, and is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

This belief is based on a couple factors. First, the current fee does not properly reflect the value of the service, as fees for the service in question has been static in nominal terms, and therefore falling in real terms due to inflation. Second, exchange fees are constrained by the fact that market participants can choose among 16 different venues for equities trading and 17 different venues for options trading, and therefore no single venue can charge excessive fees for its products without losing customers and market share.

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<sup>10</sup> 15 U.S.C. 78f(b).

<sup>11</sup> 15 U.S.C. 78f(b)(4) and (5).

### **Real Exchange Fees Have Fallen**

As explained above, prior to SR-Phlx-2024-27, the Exchange had not increased its Remote Hands Service fee since it introduced the fee in 2010. This means that this fee has fallen in real terms due to inflation, which has been notable. Between 2010 and 2024, the dollar had an average inflation rate of 2.64% per year, producing a cumulative price increase of 44.03%.<sup>12</sup> Moreover, a more specific and pertinent gauge of inflation – the PPI for data processing, hosting and related services, active services pages, and other IT infrastructure provisioning services – increased 17.8% from 2010 to 2024.<sup>13</sup> An even more specific gauge of inflation --- AHE growth for Computing Infrastructure – increased 77% for non-managers and 81% for all employees from 2010 to 2024.<sup>14</sup> Notwithstanding such significant inflation, the Exchange had not increased its connectivity fees until 2024, thereby eroding the value of the revenue it collects through such fee.

The proposed fee represents a decrease from the existing \$158 per hour fee and a 1% overall net increase from the original \$150 per hour fee, which is far below the rates of inflation, as measured by either the CPI, the PPI, or AHE since 2010. Although the Exchange believes it would be reasonable to increase the fee by an amount equal to the full rates of inflation, however measured, to reestablish the initial value of the revenues it earns through its fees, the Exchange does not propose to do this. In fact, the Exchange now proposes to recalibrate even its initial 5.5% fee increase, because the Exchange is sensitive to the sticker shock that customers may experience when the Exchange raises

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<sup>12</sup> See <https://www.officialdata.org/us/inflation/2010?amount=1> (Last updated July 8, 2024).

<sup>13</sup> See <https://data.bls.gov/timeseries/PCU5182105182105> (Last updated July 7, 2024).

<sup>14</sup> See <https://www.bls.gov/web/empsit/ceseeb3a.htm> (Last updated July 5, 2024); <https://www.bls.gov/web/empsit/ceseeb8a.htm> (Last updated July 5, 2024).



rates. Instead, the Exchange proposes only a modest 1% increase over the prior \$150 per month rate, an amount that the Exchange believes to be reasonable on its face as it is significantly less than various measures of inflation discussed above, and even less than the original 5.5% increase.

The Exchange believes that it is reasonable to increase its fee to compensate for inflation because, over time, inflation has degraded the value of each dollar that the Exchange collects in fees, such that the real revenue collected today is considerably less than that same revenue collected in 2010. The Exchange notes that this inflationary effect is a general phenomenon that is independent of any change in the Exchange's costs in providing its goods and services. The Exchange believes that it is reasonable for it to offset, in part, this erosion in the value of the revenues it collects.

In addition, the Exchange continues to invest in maintaining, improving, and enhancing its connectivity and co-location products, services, and facilities – for the benefit and often at the behest of its customers. Such enhancements include refreshing hardware and expanding the Exchange's existing co-location facility to offer customers additional space and power. Again, these investments, and the value they provide to customers, far exceed the amount of the proposed price increase. It is reasonable and consistent with the Act for the Commission to allow the Exchange to recoup these investments by charging fees, lest the Commission will disincentivize the Exchange to make similar investments in the future – a result that would be detrimental to the Exchange's competitiveness as well as the interests of market participants and investors.

### **Customers Have a Choice in Trading Venue**

Customers face many choices in where to trade both equities and options. Market

participants will continue to choose trading venues and the method of connectivity based on their specific needs. No broker-dealer is required to become a Member of the Exchange. There is no regulatory requirement that any market participant connect to any one exchange, nor that any market participant connect at a particular connection speed or act in a particular capacity on the Exchange, or trade any particular product offered on an exchange. Moreover, membership is not a requirement to participate on the Exchange. Indeed, the Exchange is unaware of any one exchange whose membership includes every registered broker-dealer. The Exchange also believes substitutable products and services are available to market participants, including, among other things, other equities and options exchanges that a market participant may connect to in lieu of the Exchange, indirect connectivity to the Exchange via a third-party reseller of connectivity, and/or trading of equities or options products within markets which do not require connectivity to the Exchange, such as the Over-the-Counter markets.

There are currently 16 registered equities exchanges that trade equities and 17 exchanges offering options trading services. No single equities exchange has more than 15% of the market share.<sup>15</sup> No single options exchange trades more than 14% of the options market by volume and only one of the 17 options exchanges has a market share over 10 percent.<sup>16</sup> This broad dispersion of market share demonstrates that market participants can and do exercise choice in trading venues. Further, low barriers to entry mean that new exchanges may rapidly enter the market and offer additional substitute platforms to further compete with the Exchange and the products it offers.

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<sup>15</sup> See Cboe Global Markets, U.S. Equities Market Volume Summary, Month-to-Date (Last updated January 11, 2024), available at [https://www.cboe.com/us/equities/market\\_statistics/](https://www.cboe.com/us/equities/market_statistics/).

<sup>16</sup> See Nasdaq, Options Market Statistics (Last updated January 11, 2024), available at <https://www.nasdaqtrader.com/Trader.aspx?id=OptionsVolumeSummary>.

As such, the Exchange must set its fees, including its fees for Remote Hands Services, competitively. If not, customers may move to other venues or reduce use of the Exchange's services. "If competitive forces are operative, the self-interest of the exchanges themselves will work powerfully to constrain unreasonable or unfair behavior."<sup>17</sup> Accordingly, "the existence of significant competition provides a substantial basis for finding that the terms of an exchange's fee proposal are equitable, fair, reasonable, and not unreasonably or unfairly discriminatory."<sup>18</sup> Disincentivizing market participants from purchasing Remote Hands Services for Exchange connectivity would only serve to discourage participation on the Exchange. Moreover, if the Exchange charges excessive fees, it may stand to lose not only co-location and connectivity revenues but also other revenues, including revenues associated with the execution of orders.

In summary, the proposal represents an equitable allocation of reasonable dues, fees and other charges because Exchange fees have fallen in real terms and customers have a choice in trading venue and will exercise that choice and trade at another venue if exchange fees are not set competitively.

### **No Unfair Discrimination**

The Exchange believes that the proposed fee change is not unfairly discriminatory because the fee is assessed uniformly across all market participants that voluntarily purchase Remote Hands Services, which are available to all customers.

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<sup>17</sup> See Securities Exchange Act Release No. 59039 (December 2, 2008), 73 Fed. Reg. 74,770 (December 9, 2008) (SR-NYSEArca-2006-21).

<sup>18</sup> Id.

4. Self-Regulatory Organization's Statement on Burden on Competition

The Exchange does not believe that the proposed rule change will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act.

Nothing in the proposal burdens inter-market competition (the competition among self-regulatory organizations) because approval of the proposal does not impose any burden on the ability of other exchanges to compete. The Exchange operates in a highly competitive market in which market participants can determine whether or not to connect to the Exchange based on the value received compared to the cost of doing so. Indeed, market participants have numerous alternative exchanges that they may participate on and direct their order flow, as well as off-exchange venues, where competitive products are available for trading.

Nothing in the proposal burdens intra-market competition (the competition among consumers) because the Exchange's Remote Hands Services are available to any customer under the same fee schedule as any other customer, and any market participant that wishes to purchase such services can do so on a non-discriminatory basis.

5. Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received from Members, Participants, or Others

No written comments were either solicited or received.

6. Extension of Time Period for Commission Action

Not applicable.

7. Basis for Summary Effectiveness Pursuant to Section 19(b)(3) or for Accelerated Effectiveness Pursuant to Section 19(b)(2)

Pursuant to Section 19(b)(3)(A)(ii) of the Act,<sup>19</sup> the Exchange has designated this proposal as establishing or changing a due, fee, or other charge imposed by the self-regulatory organization on any person, whether or not the person is a member of the self-regulatory organization, which renders the proposed rule change effective upon filing.

At any time within 60 days of the filing of the proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is: (i) necessary or appropriate in the public interest; (ii) for the protection of investors; or (iii) otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings to determine whether the proposed rule should be approved or disapproved.

8. Proposed Rule Change Based on Rules of Another Self-Regulatory Organization or of the Commission

Not applicable.

9. Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act

Not applicable.

10. Advance Notices Filed Pursuant to Section 806(e) of the Payment, Clearing and Settlement Supervision Act

Not applicable.

11. Exhibits

1. Notice of Proposed Rule Change for publication in the Federal Register.

5. Text of the proposed rule change.

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<sup>19</sup> 15 U.S.C. 78s(b)(3)(A)(ii).

**EXHIBIT 1**

SECURITIES AND EXCHANGE COMMISSION  
(Release No. \_\_\_\_\_ ; File No. SR-Phlx-2024-36)

July \_\_, 2024

Self-Regulatory Organizations; Nasdaq PHLX LLC; Notice of Filing and Immediate Effectiveness of Proposed Rule Change to Amend its Fee for Remote Hands Service

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”)<sup>1</sup>, and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on July 19, 2024, Nasdaq PHLX LLC (“Phlx” or “Exchange”) filed with the Securities and Exchange Commission (“SEC” or “Commission”) the proposed rule change as described in Items I, II, and III, below, which Items have been prepared by the Exchange. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

I. Self-Regulatory Organization’s Statement of the Terms of Substance of the Proposed Rule Change

The Exchange proposes to amend the Exchange’s fee for Remote Hands Services, as described further below.

While these amendments are effective upon filing, the Exchange has designated the proposed amendments to be operative on August 19, 2024.

The text of the proposed rule change is available on the Exchange’s Website at <https://listingcenter.nasdaq.com/rulebook/phlx/rules>, at the principal office of the Exchange, and at the Commission’s Public Reference Room.

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<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

II. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

In its filing with the Commission, the Exchange included statements concerning the purpose of and basis for the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below. The Exchange has prepared summaries, set forth in sections A, B, and C below, of the most significant aspects of such statements.

A. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

1. Purpose

The purpose of the proposed rule change is to amend a service fee relating to connectivity and co-location services. Specifically, the Exchange proposes to decrease its fee for Remote Hands Services, at General 8, Section 1, to \$151.50 per hour.

General 8, Section 1 includes the Exchange's fees that relate to co-location services, including "Remote Hands Services." The term "Remote Hands Services" refers to the use of Exchange engineers to perform on-site technical support tasks in its Data Center on behalf of its co-located customers, including the following: (1) power cycling of equipment; (2) patching and plugging in cabling and circuits; (3) observing, describing or reporting on display indicators; (4) configuration of hardware components instructed by the customer; (5) diagnosis and repairs as instructed by the customer; (6) swapping hardware components with customer-supplied spares or upgrades; (7) troubleshooting heat related issues as instructed by the Customer; and (8) returning defective equipment to the manufacturer or customer.

Earlier this year, the Exchange increased its \$150 per hour fee for Remote Hands Services, along with other connectivity and co-location services, by 5.5%, to partially

account for the cumulative effects of inflation on the value to the Exchange of the revenues it earns through such fees.<sup>3</sup> Now, the Exchange proposes to lower the Remote Hands Services fee from its current level, \$158 per hour, to \$151.50 per hour, with the net effect of providing for an overall smaller 1% increase over the original \$150 hourly rate.

The purpose of the proposed change in the Exchange's Remote Hands Services fee is the same as that which the Exchange expressed when it increased the fee by 5.5% earlier this year. That is, the change would enable the Exchange to maintain and improve its market technology and services. Prior to SR-Phlx-2024-27, the Exchange had not increased its Remote Hands fee since 2010.<sup>4</sup> However, since 2010, there has been notable inflation. Between 2010 and 2024, the dollar had an average inflation rate of 2.64% per year, producing a cumulative price increase of 44.03%.<sup>5</sup> Moreover, a more specific and pertinent gauge of inflation – the Producer Price Index (“PPI”) for data processing, hosting and related services, active services pages, and other IT infrastructure provisioning services – increased 17.8% from 2010 to 2024.<sup>6</sup> An even more specific gauge of inflation – average hourly earnings (“AHE”) growth for Computing Infrastructure – increased 77% for non-managers and 81% for all employees from 2010 to 2024.<sup>7</sup> Notwithstanding such significant inflation, the Exchange had not increased its

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<sup>3</sup> The Exchange initially filed this proposed pricing change on March 1, 2024 (SR-Phlx-2024-08). On April 29, 2024, the Exchange withdrew that filing and submitted SR-Phlx-2024-019. On June 27, 2024, the Exchange withdrew and replaced that filing with SR-Phlx-2024-27.

<sup>4</sup> See Securities Exchange Act Release No. 34-62395 (June 28, 2010), 75 FR 38584 (July 2, 2010) (SR-Phlx-2010-18).

<sup>5</sup> See <https://www.officialdata.org/us/inflation/2010?amount=1> (Last updated July 8, 2024).

<sup>6</sup> See <https://data.bls.gov/timeseries/PCU5182105182105> (Last updated July 7, 2024).

<sup>7</sup> See <https://www.bls.gov/web/empsit/ceseeb3a.htm> (Last updated July 5, 2024); <https://www.bls.gov/web/empsit/ceseeb8a.htm> (Last updated July 5, 2024).



Remote Hands Service fees during this time, thereby eroding the value of the revenue it collects through this fee.<sup>8</sup>

The proposed fee represents a decrease in the existing \$158 per hour rate, and a net overall 1% increase from the original \$150 per month fee. The 1% fee increase, resulting in a proposed amended rate of \$151.50 per hour, is far below the rates of inflation, as measured by either the CPI, the PPI, or the AHE since 2010. Although the Exchange believes it would be reasonable to increase the fee by an amount equal to the full rates of inflation, however measured, to reestablish the initial value of the revenues it earns through its fees, the Exchange does not propose to do this. In fact, the Exchange now proposes to recalibrate even its initial 5.5% fee increase, because the Exchange is sensitive to the sticker shock that customers may experience when the Exchange raises rates. Instead, the Exchange proposes only a modest 1% increase over the prior \$150 per month rate, an amount that the Exchange believes to be reasonable on its face as it is significantly less than various measures of inflation discussed above, and even less than the original 5.5% increase.

The Exchange believes that it is reasonable to increase its fee to compensate for inflation because, over time, inflation has degraded the value of each dollar that the Exchange collects in fees, such that the real revenue collected today is considerably less than that same revenue collected in 2010. The Exchange notes that this inflationary effect is a general phenomenon that is independent of any change in the Exchange's costs in providing its goods and services. The Exchange believes that it is reasonable for it to offset, in part, this erosion in the value of the revenues it collects. The Exchange notes

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<sup>8</sup> Unregulated competitors providing connectivity and co-location services often have annual price increases written into their agreements with customers to account for inflation and rising costs.

that other exchanges have filed for comparable or higher increases in certain connectivity-related fees, based in part on similar rationale.<sup>9</sup>

In addition, the Exchange continues to invest in maintaining, improving, and enhancing its connectivity and co-location products, services, and facilities – for the benefit and often at the behest of its customers. Such enhancements include refreshing hardware and expanding the Exchange’s existing co-location facility to offer customers additional space and power. These investments, and the value they provide to customers, far exceed the amount of the proposed net price increase over the prior \$150 per hour rate. It is reasonable and consistent with the Act for the Commission to allow the Exchange to recoup these investments by charging fees, lest the Commission will disincentivize the Exchange to make similar investments in the future – a result that would be detrimental to the Exchange’s competitiveness as well as the interests of market participants and investors.

## 2. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act,<sup>10</sup> in general, and furthers the objectives of Sections 6(b)(4) and 6(b)(5) of the Act,<sup>11</sup> in particular, in that it provides for the equitable allocation of reasonable dues, fees and other charges among members and issuers and other persons using any facility, and is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

This belief is based on a couple factors. First, the current fee does not properly reflect the value of the service, as fees for the service in question has been static in

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<sup>9</sup> See, e.g., Securities Exchange Act Release No. 34-100342 (June 14, 2024), 89 FR 52132 (June 21, 2024) (SR-CboeBYX-2024-021).

<sup>10</sup> 15 U.S.C. 78f(b).

<sup>11</sup> 15 U.S.C. 78f(b)(4) and (5).

nominal terms, and therefore falling in real terms due to inflation. Second, exchange fees are constrained by the fact that market participants can choose among 16 different venues for equities trading and 17 different venues for options trading, and therefore no single venue can charge excessive fees for its products without losing customers and market share.

### **Real Exchange Fees Have Fallen**

As explained above, prior to SR-Phlx-2024-27, the Exchange had not increased its Remote Hands Service fee since it introduced the fee in 2010. This means that this fee has fallen in real terms due to inflation, which has been notable. Between 2010 and 2024, the dollar had an average inflation rate of 2.64% per year, producing a cumulative price increase of 44.03%.<sup>12</sup> Moreover, a more specific and pertinent gauge of inflation – the PPI for data processing, hosting and related services, active services pages, and other IT infrastructure provisioning services – increased 17.8% from 2010 to 2024.<sup>13</sup> An even more specific gauge of inflation --- AHE growth for Computing Infrastructure – increased 77% for non-managers and 81% for all employees from 2010 to 2024.<sup>14</sup> Notwithstanding such significant inflation, the Exchange had not increased its connectivity fees until 2024, thereby eroding the value of the revenue it collects through such fee.

The proposed fee represents a decrease from the existing \$158 per hour fee and a 1% overall net increase from the original \$150 per hour fee, which is far below the rates of inflation, as measured by either the CPI, the PPI, or AHE since 2010. Although the

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<sup>12</sup> See <https://www.officialdata.org/us/inflation/2010?amount=1> (Last updated July 8, 2024).

<sup>13</sup> See <https://data.bls.gov/timeseries/PCU5182105182105> (Last updated July 7, 2024).

<sup>14</sup> See <https://www.bls.gov/web/empsit/ceseeb3a.htm> (Last updated July 5, 2024); <https://www.bls.gov/web/empsit/ceseeb8a.htm> (Last updated July 5, 2024).

Exchange believes it would be reasonable to increase the fee by an amount equal to the full rates of inflation, however measured, to reestablish the initial value of the revenues it earns through its fees, the Exchange does not propose to do this. In fact, the Exchange now proposes to recalibrate even its initial 5.5% fee increase, because the Exchange is sensitive to the sticker shock that customers may experience when the Exchange raises rates. Instead, the Exchange proposes only a modest 1% increase over the prior \$150 per month rate, an amount that the Exchange believes to be reasonable on its face as it is significantly less than various measures of inflation discussed above, and even less than the original 5.5% increase.

The Exchange believes that it is reasonable to increase its fee to compensate for inflation because, over time, inflation has degraded the value of each dollar that the Exchange collects in fees, such that the real revenue collected today is considerably less than that same revenue collected in 2010. The Exchange notes that this inflationary effect is a general phenomenon that is independent of any change in the Exchange's costs in providing its goods and services. The Exchange believes that it is reasonable for it to offset, in part, this erosion in the value of the revenues it collects.

In addition, the Exchange continues to invest in maintaining, improving, and enhancing its connectivity and co-location products, services, and facilities – for the benefit and often at the behest of its customers. Such enhancements include refreshing hardware and expanding the Exchange's existing co-location facility to offer customers additional space and power. Again, these investments, and the value they provide to customers, far exceed the amount of the proposed price increase. It is reasonable and consistent with the Act for the Commission to allow the Exchange to recoup these

investments by charging fees, lest the Commission will disincentivize the Exchange to make similar investments in the future – a result that would be detrimental to the Exchange’s competitiveness as well as the interests of market participants and investors.

### **Customers Have a Choice in Trading Venue**

Customers face many choices in where to trade both equities and options. Market participants will continue to choose trading venues and the method of connectivity based on their specific needs. No broker-dealer is required to become a Member of the Exchange. There is no regulatory requirement that any market participant connect to any one exchange, nor that any market participant connect at a particular connection speed or act in a particular capacity on the Exchange, or trade any particular product offered on an exchange. Moreover, membership is not a requirement to participate on the Exchange. Indeed, the Exchange is unaware of any one exchange whose membership includes every registered broker-dealer. The Exchange also believes substitutable products and services are available to market participants, including, among other things, other equities and options exchanges that a market participant may connect to in lieu of the Exchange, indirect connectivity to the Exchange via a third-party reseller of connectivity, and/or trading of equities or options products within markets which do not require connectivity to the Exchange, such as the Over-the-Counter markets.

There are currently 16 registered equities exchanges that trade equities and 17 exchanges offering options trading services. No single equities exchange has more than 15% of the market share.<sup>15</sup> No single options exchange trades more than 14% of the options market by volume and only one of the 17 options exchanges has a market share

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<sup>15</sup> See Cboe Global Markets, U.S. Equities Market Volume Summary, Month-to-Date (Last updated January 11, 2024), available at [https://www.cboe.com/us/equities/market\\_statistics/](https://www.cboe.com/us/equities/market_statistics/).

over 10 percent.<sup>16</sup> This broad dispersion of market share demonstrates that market participants can and do exercise choice in trading venues. Further, low barriers to entry mean that new exchanges may rapidly enter the market and offer additional substitute platforms to further compete with the Exchange and the products it offers.

As such, the Exchange must set its fees, including its fees for Remote Hands Services, competitively. If not, customers may move to other venues or reduce use of the Exchange's services. "If competitive forces are operative, the self-interest of the exchanges themselves will work powerfully to constrain unreasonable or unfair behavior."<sup>17</sup> Accordingly, "the existence of significant competition provides a substantial basis for finding that the terms of an exchange's fee proposal are equitable, fair, reasonable, and not unreasonably or unfairly discriminatory."<sup>18</sup> Disincentivizing market participants from purchasing Remote Hands Services for Exchange connectivity would only serve to discourage participation on the Exchange. Moreover, if the Exchange charges excessive fees, it may stand to lose not only co-location and connectivity revenues but also other revenues, including revenues associated with the execution of orders.

In summary, the proposal represents an equitable allocation of reasonable dues, fees and other charges because Exchange fees have fallen in real terms and customers have a choice in trading venue and will exercise that choice and trade at another venue if exchange fees are not set competitively.

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<sup>16</sup> See Nasdaq, Options Market Statistics (Last updated January 11, 2024), available at <https://www.nasdaqtrader.com/Trader.aspx?id=OptionsVolumeSummary>.

<sup>17</sup> See Securities Exchange Act Release No. 59039 (December 2, 2008), 73 Fed. Reg. 74,770 (December 9, 2008) (SR-NYSEArca-2006-21).

<sup>18</sup> Id.

### **No Unfair Discrimination**

The Exchange believes that the proposed fee change is not unfairly discriminatory because the fee is assessed uniformly across all market participants that voluntarily purchase Remote Hands Services, which are available to all customers.

#### **B. Self-Regulatory Organization's Statement on Burden on Competition**

The Exchange does not believe that the proposed rule change will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act.

Nothing in the proposal burdens inter-market competition (the competition among self-regulatory organizations) because approval of the proposal does not impose any burden on the ability of other exchanges to compete. The Exchange operates in a highly competitive market in which market participants can determine whether or not to connect to the Exchange based on the value received compared to the cost of doing so. Indeed, market participants have numerous alternative exchanges that they may participate on and direct their order flow, as well as off-exchange venues, where competitive products are available for trading.

Nothing in the proposal burdens intra-market competition (the competition among consumers) because the Exchange's Remote Hands Services are available to any customer under the same fee schedule as any other customer, and any market participant that wishes to purchase such services can do so on a non-discriminatory basis.

#### **C. Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received from Members, Participants, or Others**

No written comments were either solicited or received.

III. Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A)(ii) of the Act.<sup>19</sup>

At any time within 60 days of the filing of the proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is: (i) necessary or appropriate in the public interest; (ii) for the protection of investors; or (iii) otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings to determine whether the proposed rule should be approved or disapproved.

IV. Solicitation of Comments

Interested persons are invited to submit written data, views and arguments concerning the foregoing, including whether the proposed rule change is consistent with the Act. Comments may be submitted by any of the following methods:

Electronic Comments:

- Use the Commission's internet comment form (<https://www.sec.gov/rules/sro.shtml>); or
- Send an email to [rule-comments@sec.gov](mailto:rule-comments@sec.gov). Please include file number SR-Phlx-2024-36 on the subject line.

Paper Comments:

- Send paper comments in triplicate to Secretary, Securities and Exchange Commission, 100 F Street NE, Washington, DC 20549-1090.

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<sup>19</sup> 15 U.S.C. 78s(b)(3)(A)(ii).



All submissions should refer to file number SR-Phlx-2024-36. This file number should be included on the subject line if email is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission will post all comments on the Commission's internet website (<https://www.sec.gov/rules/sro.shtml>). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Room, 100 F Street NE, Washington, DC 20549, on official business days between the hours of 10 a.m. and 3 p.m. Copies of the filing also will be available for inspection and copying at the principal office of the Exchange. Do not include personal identifiable information in submissions; you should submit only information that you wish to make available publicly. We may redact in part or withhold entirely from publication submitted material that is obscene or subject to copyright protection. All submissions should refer to file number SR-Phlx-2024-36 and should be submitted on or before [INSERT DATE 21 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.<sup>20</sup>

**Sherry R. Haywood,**

*Assistant Secretary.*

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<sup>20</sup> 17 CFR 200.30-3(a)(12).

**EXHIBIT 5**

Deleted text is [bracketed]. New text is underlined.

**NASDAQ PHLX LLC RULES**

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**General Equity and Options Rules**

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**General 8 Connectivity**

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**Section 1. Co-Location Services**

The following charges are assessed for co-location services:<sup>1</sup>

...

**(d) Additional Charges/Services**

<b>Additional Items</b>
...

<b>Services</b>	
<b>Description</b>	<b>Rate</b>
Power Consulting Service (billed in hourly increments)	\$264/hr plus materials if necessary
Remote Hands Service	\$ <del>[158]</del> <u>151.50</u> /hr

<sup>1</sup>Co-location services provided by Nasdaq Technology Services LLC.

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