J.P. MORGAN TREASURY SERVICES ELECTRONIC CHANNELS SERVICE TERMS

V4.2_02_12_20

1. Service and Service Terms.

The Bank will provide a service (the "**Service**") for electronic access to the Customer's account information, reports and data (collectively, "**Data**") and for the electronic transmission to the Bank of messages, service requests, and payment and non-payment instructions (each an "**Instruction**") and from the Bank of messages, notifications and alerts, via the J.P. Morgan Access^{TM} online and mobile platforms, J.P. Morgan Host-to-Host/managed file transfer and J.P. Morgan Treasury Services API channels. The Bank reserves the right to modify the applications and products available via the Service. The Service is governed by these terms (the "**Service Terms**"), which incorporate the Bank's terms governing the business accounts and services, including service terms that govern the Bank's processing of Instructions transmitted via the Service (collectively, the "**Account Documentation**"), as the same may be amended from time to time. If and to the extent that there is a conflict between the Account Documentation and these Service Terms, the provisions of these Service Terms shall prevail. Capitalized terms used in these Service Terms, and not otherwise defined, have the meaning set forth in the Global Account Terms or other account terms applicable to the Customer. JPMorgan Chase Bank, N.A. is organized under the laws of U.S.A. with limited liability.

2. Security Procedures and Other Controls

2.1. General. The security procedures for each channel are set forth below, as may be modified on notice to the Customer through any medium (each, a "**Security Procedure**"). Any Instruction, the authenticity of which has been verified through a Security Procedure, shall be effective as that of the Customer, whether or not authorized, and notwithstanding that the Instruction may result in an overdraft of an Account. Controls unilaterally implemented by the Bank shall not be deemed to be Security Procedures for purposes hereof unless explicitly identified as such in writing. The Customer is responsible for implementing any procedures and requirements set forth in the applicable documentation provided to it by the Bank, as well as any subsequent modification to the procedures and requirements that are designed to strengthen the Security Procedures. Each Authorized Users (as defined in Section 2.6 below) shall be deemed to be an Authorized Person (as defined in the Account Documentation) with respect to the Accounts available to such Authorized User via Access. The Customer agrees that each Security Procedure described herein is commercially reasonable in light of the Customer's size, type and frequency of payment orders normally issued (and/or anticipated to be issued) by the Customer to the Bank.

2.2. Security Procedures and Other Controls for Access Online and Mobile Channels.

2.2.1. **Access Online.** The Security Procedure for verifying payment Instructions given in the Customer's name via the Access online channel is validation of a user ID and confidential password of an Authorized User (as defined in Section 2.6 below), a token code generated by a Bank issued or approved security device (which, for the avoidance of doubt, includes software and hardware used to generate "soft tokens" on a mobile device) ("**Security Device**") assigned to that Authorized User and Bank transaction review as specified in Section 2.5.

2.2.2. **Access Mobile.** The Security Procedure for verifying payment Instructions given in the Customer's name via the Access mobile channel is either (i) validation of the registration with the Bank of the mobile device, a biometric identifier, and the private swipe key of an Authorized User (as defined in Section 2.6 below) and transaction review as specified in Section 2.5 or (ii) validation of a user ID and confidential password of an Authorized User (as defined in Section 2.6 below), a token code generated by Security Device assigned to that Authorized User and transaction review as specified in Section 2.5.

2.2.3. **Controls Offered to Customer.** For Access, the Customer may choose to apply certain controls offered by the Bank to the Customer from time to time designed to reduce the Customer's risk of unauthorized transactions. The Customer is responsible for choosing controls that are appropriate for the Customer taking into account, among other things, the nature and scale of the Customer's business, including the size, type and frequency of payment orders normally issued to the Bank, and the nature of its technical environment, internal accounting controls and information security policies and procedures (collectively, "**Customer Internal Controls**"). The Security Procedure that is established by agreement of the Customer and the Bank herein is established in view of the Customer Internal Controls applied by the Customer. For the avoidance of doubt, none of the controls described in this Section are part of the Security Procedures for the channels.

2.3. Security Procedures and Certificate Procedures for Host-to-Host/Managed File Transfer Channel. The Security Procedure for verifying payment Instructions given in the Customer's name via the Host-to-Host/managed file transfer channel is authentication of a digital signature certificate, which authenticates transmitted files on the basis of the corresponding security key (the "**Signature Certificate**") and transaction review as provided in Section 2.5. The Customer and the Bank will use the following procedures for the use of a transport certificate, which establishes a secure session between the Bank and the Customer on the basis of a corresponding security key (the "**Transport Certificate**") and the Signature Certificate. Each of the Signature Certificate and the Transport Certificate are referred to herein as a "**Certificate**" and the corresponding security key as a "**Security Key**".

2.3.1. **Certificate Procedures and Requirements.** The Customer shall comply with the Bank's procedures and requirements for Certificates and Security Keys notified to the Customer, including but not limited to Certificate validity period, key strength and cryptographic specifications, as amended from time to time. Any request to the Bank to add, update or delete a Security Key shall include the applicable Certificate, a text file or other physical representation of the public Security Key of such Certificate and any other information in the manner and form designated by the Bank. The Bank shall have the right to rely on any request that the Bank believes in good faith to have been sent by the designated security administrator ("**Security Administrator**"), notwithstanding that such Security Administrator may be a third party acting on behalf of the Customer.

2.3.2. **Certificate Expiration.** Notwithstanding any courtesy notifications the Bank may send to the Customer regarding the Customer's impending Certificate expiration, the Customer acknowledges that it is the Customer's sole responsibility to update the Certificate prior to its expiration date. The Bank shall have no liability for any loss or damage (including, for the avoidance of doubt, any indirect, special, punitive or consequential damages or losses) arising from the Customer's failure to timely update its Certificate. To allow for proper execution of administrative procedures, and to prevent any lapse in service or emergency procedures, the Customer must request a Certificate change at least 30 days prior to actual Certificate expiration.

2.4. Security Procedure and Certificate/Token Procedures for API Channel. The Security Procedure for verifying payment Instructions given in the Customer's name via the API channel is authentication of a Signature Certificate and transaction review as provided in Section 2.5.

2.4.1. **Secure Session.** The Customer and the Bank will establish a secure session between the Customer and the Bank by validation of either (i) a Transport Certificate or (ii) a Bank-generated token ("**API Token**").

2.4.2. **Certificate Procedures and Requirements**. The Customer and the Bank will use the procedures set forth in Sections 2.3.1 and 2.3.2 for the use of Certificates for the API channel.

2.4.3. **API Token Procedures and Requirements**. The Customer shall comply with the Bank's procedures and requirements for API Tokens, as amended from time to time, including but not limited to the generation and safekeeping of any credentials used for the validation of the API Token, notified to the Customer. The Bank shall have the right to revoke an API Token at any time, including in reliance on a request or communication related to an API Token that the Bank believes in good faith to have been sent by the Security Administrator, notwithstanding that such Security Administrator may be a third party acting on behalf of Customer. Any request to the Bank to update an API Token shall be made solely in the manner and form designated by the Bank.

2.5. Transaction Review. In addition to the Security Procedures described above, the applicable Security Procedure for each channel also includes transaction review based on various risk characteristics. The transaction review shall be conducted in accordance with commercially reasonable protocols selected by the Bank. Additional authentication from the Customer, such as call-back verification, may be required to complete certain transactions identified by the Bank through transaction review.

2.6. Confidentiality/Security Breach. The Customer will be responsible for safeguarding and ensuring that the Security Procedures, Security Devices, API Tokens and any credentials used for the validation of the API Token are known to and used (i) in the case of Access, only by individuals designated as users by the Security Administrators ("**Authorized Users**"), or, (ii) in the case of the Host-to-Host/managed file transfer and API channels, only by the Security Administrators, as applicable. The Customer shall notify the Bank immediately in the event of any loss, theft or unauthorized use of a Security Procedure, a Security Device, API Token, any credentials used for the validation of the API Token or any other breach of security. The Bank may dishonor or disable any Security Device, API Token, any credentials used for the validation of the API Token or any aspect of the Security Procedures at any time without prior notice and will inform the Customer of the same. In addition, each Customer must implement its own physical and logical security, as well as management controls, that appropriately protect the hardware, software, and access controls used in the transaction process from unauthorized access and use. For the avoidance of doubt, each Security Administrators and each Authorized Users is prohibited from sharing Security Devices, passwords or other credentials with any other person, including a person who is a Security Administrator and/or Authorized User. Any such sharing shall be a breach of these Service Terms, and the Customer shall be solely liable for any losses resulting from such unauthorized sharing.

2.7. Security Administrator Designation. The Customer shall designate Security Administrators who shall have equal authority as specified in Section 2.8 below. The Bank is entitled to rely on any such designation of a Security Administrator. The Customer agrees to notify the Bank of any change in Security Administrators in the manner and form designated by the Bank. Any such change shall be effective at such time as the Bank has received such notice and has had a reasonable opportunity to act upon it.

2.8. Security Administrator Responsibilities. Each Security Administrator shall be authorized by the Customer to and be responsible for (i) designating individuals as Authorized Users with respect to Access; (ii) identifying the functions of the Service that each Authorized User may access; (iii) requesting, creating, controlling, disseminating, and/or canceling user entitlements with respect to Access; (iv) managing the Customer's Certificates and corresponding Security Keys or API Tokens and any credentials used for the validation of the API Token with respect to the Host-to-Host/managed file transfer and API channels, as applicable; (v) receiving and distributing materials, notices, documents and correspondence relating to the Security Procedures, as applicable; and (vi) advising each Authorized User of his/her obligations hereunder or under any of the applicable Account Documentation. The Security Administrators shall provide to the Bank, upon the Bank's request, a list of Authorized Users for Access. In the absence of a valid designation of a Security Administrator at any time or in the event that, after reasonable efforts, the Bank is unable to contact a Security Administrator, the Bank may deliver Security Devices, API Tokens (and any attendant credentials) and materials and deliver/receive Security Keys to/from any person authorized to act on behalf of the Customer with respect to the Accounts.

2.9. Processing. The Customer acknowledges that the application of the Security Procedures and any controls unilaterally implemented by the Bank may cause delays in processing Instructions or result in the Bank declining to execute an Instruction.

3. Open Network Access; Equipment

THE SERVICE IS PROVIDED "AS IS" AND "AS AVAILABLE". TO THE MAXIMUM EXTENT PERMITTED UNDER APPLICABLE LAW, ALL WARRANTIES AND REPRESENTATIONS, EXPRESS, STATUTORY OR IMPLIED, WITH REGARD TO THE SERVICE ARE HEREBY DISCLAIMED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE AND COURSE OF DEALING OR USAGE OF TRADE OR WARRANTIES OF NON-INFRINGEMENT OR WARRANTIES AS TO ANY RESULTS TO BE OBTAINED FROM THE USE OF THE SERVICE. TO THE EXTENT THAT ANY IMPLIED WARRANTIES CANNOT BE DISCLAIMED UNDER APPLICABLE LAW, ANY SUCH IMPLIED WARRANTIES ARE LIMITED IN DURATION TO 30 DAYS FROM THE INITIAL DELIVERY DATE OF THE RELEVANT SERVICE. THE BANK AND ITS THIRD PARTY DATA AND SERVICE PROVIDERS DO NOT WARRANT OR GUARANTEE THE SECURITY, SEQUENCE, TIMELINESS, ACCURACY, PERFORMANCE OR COMPLETENESS OF THE DATA OR THAT ANY PART OF THE SERVICE WILL BE ERROR-FREE, WITHOUT DELAY OR UNINTERRUPTED.

The Customer is responsible for, at its sole expense, obtaining, installing, maintaining and operating all browsers, software, hardware, telecommunications equipment or other equipment (collectively, "**System**") necessary for the Customer to access and use the Service in accordance with the Bank's recommended system configuration. The Bank makes no endorsement of any System or third party site, notwithstanding that the Bank may recommend certain Systems or provide a link to a third party site where the Customer may download software. The Customer shall at all times maintain current and effective anti-virus, anti-spyware or other security software and shall take all reasonable measures to maintain the security of its System. The Customer acknowledges that there are certain security, corruption, transmission error, and access availability risks associated with using open networks such as the Internet. The Customer further acknowledges that it has made an independent assessment of the adequacy of the Internet, the System and the Security Procedures in connection with the use of the Service. The Customer assumes all risks and liabilities associated with the operation, performance and security of its System and the use of the Internet or other open networks, failure or use of Customer's or third party equipment, hardware, browsers, operating systems and/or other software or programs, and services or persons outside of the Bank's control, and the Bank disclaims all such risks. The Customer shall not use any equipment, hardware, software or program that harms the Bank. The Customer agrees to indemnify and hold the Bank, and its agents, employees, officers and directors, harmless from and against any and all claims, damages, demands, judgments, liabilities, losses, costs and expenses arising, directly or indirectly, from the Customer's use of Customer's or third-party software or program. The Bank may in its discretion provide training or information on best practices to the Customer from time to time but in so doing it will not be considered a consultant or advisor with respect to cybersecurity.

4. Instructions; Data

4.1. The Customer shall be solely responsible for the genuineness and accuracy, both as to content and form, of all Instructions given to the Bank's in the Customer's name and verified through the applicable Security Procedure.

4.2. The Customer acknowledges that Data may not have been reviewed by the Bank, may be inaccurate, and may be periodically updated and adjusted. The Bank is not obligated to assure the accuracy of Data and will not be liable for any loss or damage arising out of the inaccuracy of Data. Further, the Bank shall have no liability for the receipt or viewing by any party of Data sent to the destinations designated by the Customer, including but not limited to email addresses, fax and telephone number(s).

5. Customer Warranties

The Customer represents, warrants and covenants to the Bank that: (i) prior to submitting any document or Instruction that designates Authorized Users, the Customer shall obtain from each individual referred to in such document or Instruction all necessary consents to enable the Bank to process the data set out therein for the purposes of providing the Service; (ii) the Customer has accurately designated in writing or electronically the geographic location of its Authorized Users and shall provide all updates to such information; (iii) the Customer shall not access the Service from any jurisdiction which the Bank informs the Customer or where the Customer has knowledge that the Service is not authorized; and (iv) the Security Procedures offered to the Customer conform to the Customer's wishes and needs and the Customer has not requested Security Procedures other than those expressly agreed by the Customer and the Bank. The Customer hereby represents, warrants and covenants to the Bank that these Service Terms constitute its legal and binding obligations enforceable in accordance with its terms.

6. Miscellaneous

6.1. The additional jurisdiction specific provisions set forth in the attached Exhibit are applicable to the Customer based on the domicile of the Customer. Where any local laws or regulations of any jurisdiction apply as a result of the Customer's Authorized Users accessing the Service from such jurisdiction or as a result of the location of such accounts in such jurisdiction, the jurisdictional specific provisions of that jurisdiction set forth in the attached Exhibit shall apply to the use of the Service by such Authorized Users.

6.2. These Service Terms shall be governed by and construed in accordance with the laws of the State of New York, USA (without reference to the conflict of laws rules thereof).

6.3. All disputes relating to or in connection with these Service Terms solely arising outside the United States shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules. The place of arbitration shall be (i) Singapore where the dispute arises solely in Asia and (ii) London where the dispute arises elsewhere (other than the United States) and the arbitration shall be conducted in English, except that (a) disputes solely between a Customer domiciled in the People's Republic of China and JPMorgan Chase Bank (China) Company Limited shall be submitted to the China International Economic and Trade Arbitration Commission ("**CIETAC**") for arbitration in accordance with its rules in effect at the time an application is made, with the place of arbitration being Beijing and the arbitration being conducted in English; and (b) disputes involving a Customer domiciled in Taiwan shall be irrevocably submitted to the exclusive jurisdiction of the courts of the State of New York and the United States District Court located in the borough of Manhattan in New York City. With respect to any dispute, suit, action or proceedings arising in the United States relating to these Service Terms, the Customer irrevocably submits to the exclusive jurisdiction of the courts of the State of New York and the United States District Court located in the borough of Manhattan in New York City.

7. Mobile

7.1. Accepting use of the Bank's SMS text notification service and/or Access Mobile channel constitutes the Customer's authorization for the Bank to send Data, message notifications and alerts through any communication service providers, including both Internet and telecommunications providers, which shall each be deemed to be acting as the Customer's agent. Such providers may not encrypt communications.

7.2. Authorized Users may be required to accept an application agreement or license in order to download Access Mobile. The Customer acknowledges that the Account Documentation shall in all cases govern the provision of these services.

7.3. The Customer acknowledges that the Bank shall not be liable for any delays in any Data, message notification or alert delivered via any mobile device.

EXHIBIT A - JURISDICTION SPECIFIC PROVISIONS

A. Australia & New Zealand

To the extent that any supply made by the Bank under these Service Terms is a taxable supply for the purposes of the Australian Goods and Services Tax, or that goods and services tax under the New Zealand Goods and Services Tax Act 1985 is payable in respect of any supply under this License Agreement, (“**GST**”), the fees payable in respect of that taxable supply (“**original amount**”) will be increased by the amount of GST payable in respect of that taxable supply. Customer must pay the increased amount at the same time and in the same manner as the original amount.

B. Indonesia

The Bank and the Customer agree that, for the effectiveness of any termination of these Service Terms or the Services provided hereunder, they hereby waive any provisions, procedures and operation of any applicable law to the extent a court order is required for the termination of these Service Terms and the Account Documentation as applicable to the services provided under these Service Terms.

Section 7.3 shall be replaced by “Except for losses directly resulting from errors or delay caused by the Bank’s gross negligence or willful misconduct, the Customer acknowledges that the Bank shall not be liable for any delays in any Data, message notification or alert delivered via any mobile device.”

C. Malaysia/Labuan

In relation to accounts held in Malaysia (excluding Labuan) and/or where the Service is provided in Malaysia (excluding Labuan) references in the Service Terms to “Bank,” shall mean J.P. Morgan Chase Bank Berhad. In relation to accounts held in Labuan and/or where the Service is provided in Labuan, references in the Service Terms to “Bank,” shall mean J.P. Morgan Chase Bank, N.A., Labuan Branch. The Service provided by J.P. Morgan Chase Bank Berhad shall be accessed through http://www.jpmorganaccess.com.my and the Customer undertakes not to access or utilize or attempt to access or utilize the Service through any other JPMorgan website.

D. Republic of China (Taiwan)

Section 7.3 shall be replaced by “Except for losses directly resulting from errors or delay caused by the Bank’s gross negligence or willful misconduct, the Customer acknowledges that the Bank shall not be liable for any delays in any Data, message notification or alert delivered via any mobile device.”

The Customer acknowledges that it will take steps to ensure it enters into the correct website before attempting to access the Service.

E. European Union.

The Customer acknowledges that it is not a "consumer" for the purpose of the European Union’s Electronic Commerce Directive (“**ECD**”) (i.e., that it is not an individual) and agrees that the Bank shall not be required to make any disclosures or do any other thing which a non-consumer may agree not to require under the UK rules and legislation implementing the ECD. For further information on the Bank, please see "Notice regarding EU e-commerce information" in the Terms & Conditions on http://www.jpmorgan.com.

(i) The Bank will collect information about the Customer and the Customer’s employees and agents (such as, without limitation, authorized signatory details) which may constitute personal data for the purposes of the data protection law. Such personal data may be collected by or on behalf of the Bank in a number of ways (the “**Collection Methods**“), including via documentation relating to the provision to or use by the Customer of electronic banking services or via the Customer’s use of such electronic banking services and via other correspondence or communications between the Customer and the Bank.

(ii) Details of the Bank’s processing activities of personal data can be found in its EMEA Privacy Policy, which is available on the Bank’s website at www.jpmorgan.com/privacy/EMEA. The Bank’s EMEA Privacy Policy may be updated or revised from time to time without prior notice. The EMEA Privacy Policy may be used to assist the Customer with providing a fair processing notice to the Customer’s underlying data subjects.

(iii) The Customer agrees that it has an appropriate legal basis to provide personal data to the Bank and that the Customer will provide any requisite notice to individuals and ensure that there is a proper legal basis for the Bank to process the personal data as described in and for the purposes detailed in the Bank’s EMEA Privacy Policy. Both the Customer and the Bank will comply with its respective obligations under applicable data protection and privacy laws.