



Departamento Administrativo
Unidad de Abastecimiento y Contratos
FGC/KVC/CMC
E7422/2020



APRUEBA ADDENDUM CON LA EMPRESA BLOOMBERG
FINANCE L.P.

SANTIAGO, 14 OCTUBRE 2020

EXENTA Nº 282

VISTOS:

Lo dispuesto en el Título III "De la Probidad Administrativa" y el artículo 24 del D.F.L. Nº 1/19.653, de 2000, del Ministerio Secretaría General de la Presidencia, que fija texto refundido, coordinado y sistematizado de la Ley Nº 18.575, Orgánica Constitucional de Bases Generales de la Administración del Estado; en la Ley Nº 19.886, de Bases sobre Contratos Administrativos de Suministro y Prestación de Servicios; y su Reglamento aprobado por Decreto Supremo Nº 250, de 2004 y sus modificaciones, del Ministerio de Hacienda; en los Decretos Supremos Nºs. 384, de 2009 y 415, de 2018, del Ministerio de Hacienda; en la Resolución Exenta Nº 664, de 23 de septiembre de 2002; en las Resoluciones Exentas Nºs. 87, de 10 de enero de 2011 y 164, de 10 de abril de 2013 y sus modificaciones, todas de la Subsecretaría de Hacienda; en la Ley Nº 21.192, de Presupuestos del Sector Público correspondiente al año 2020; y, en las Resoluciones Nºs. 7 y 8, ambas de 2019, de la Contraloría General de la República.

CONSIDERANDO:

1. Que, la Subsecretaría de Hacienda, requiere contratar servicios adicionales a la empresa Bloomberg Finance L.P., correspondientes a: Disaster Recovery y Bloomberg Datalicense Agreement.
2. Que, a través de la Resolución Exenta Nº 664, de 23 de septiembre de 2002, de esta Subsecretaría, se aprobó el contrato con la empresa Bloomberg Finance L.P., por el servicio de Información Electrónica de Orden Bursátil, para esta Secretaría de Estado.
3. Que, por Resolución Exenta Nº 87, de 2011, de esta Subsecretaría, se renovó la contratación con la empresa Bloomberg L.P., para el servicio de Información Electrónica de Orden Bursátil a nivel mundial vía microonda por satélite. Luego, a través de la Resolución Exenta Nº 164, de 10 de abril de 2013 y modificada por la Resolución Exenta Nº 542, de 29 de noviembre de 2013, se aprobó el Bloomberg Shedule of Service con la empresa Bloomberg Finance L.P., por el mismo servicio, para la Tesorería de General de la República.
4. Que, debido a la situación sanitaria producto del brote de coronavirus (COVID-19) y a los lineamientos otorgados en el Gab. Pres. Nº 003 de 16 de marzo de 2020 que "Imparte instrucciones y medidas de prevención y reacción por casos de brote de COVID-19, a los ministerios y a los servicios públicos que dependen o se relacionen a través de ellos"; y, a las recomendaciones e instrucciones emitidas por la Contraloría General de la República contenidas en el dictamen Nº 3.610, de 2020, "Sobre medidas de gestión que pueden adoptar los Órganos de la Administración del Estado a propósito del brote COVID-19", en particular referidas al trabajo remoto, resulta necesario contratar estos servicios adicionales.



5. Que, por una parte, el servicio Disaster Recovery permite tener acceso al Terminal Bloomberg desde los equipos de los usuarios desde sus casas, un usuario a la vez, sin límite de usuarios con conexión disponible; y, por su lado, Bloomberg Datalicense Agreement permite una conexión a través de SFTP (.txt), Web Service - SOAP UI (.xml) o Rest API (web), para acceder a la base de datos y hacer descargas de información de mercado en una forma más programática y automática.

6. Que, revisado el catálogo de Convenio Marco disponible en el portal www.mercadopublico.cl, no se encontraron las herramientas requeridas.

7. Que, la empresa Bloomberg Finance L.P., otorga el servicio para obtener precios de instrumentos de renta fija internacional, valorización de patrimonios internacionales y para buscar información relacionada a fondos soberanos, tales como clasificaciones de riesgo, patrimonio emisores, elegibilidad, etc., que la Subsecretaría necesita contratar.

8. Que, el servicio que se requiere contratar es entregado por una empresa extranjera, de reconocido prestigio internacional.

9. Que, en virtud de lo dispuesto en el artículo 8º, letra g), de la Ley Nº 19.886, de Bases sobre Contratos Administrativos de Suministro y Prestación de Servicios (en adelante, "Ley de Compras") en relación a lo establecido en el Decreto Supremo Nº 250, de 2004, del Ministerio de Hacienda, que aprueba el Reglamento de la ya citada ley (en adelante, "Reglamento de la Ley de Compras"), se establece que procederá el trato o contratación directa cuando por la naturaleza de la negociación existan circunstancias que hagan indispensable acudir a ella. El artículo 10, numeral 4, del Reglamento de la Ley de Compras señala que procederá el trato directo cuando: "Si sólo existe un proveedor del bien o servicio", resultando aplicable en la especie esta circunstancia.

10. Que, de acuerdo al procedimiento descrito en la normativa anteriormente citada, y a los principios de eficiencia, eficacia y transparencia en el uso y gestión de los recursos públicos, esta Secretaría de Estado resguarda el interés fiscal en la administración de éstos.

11. Que, conforme con lo indicado en los considerandos precedentes, la empresa Bloomberg Finance L.P., deberá suscribir un Addendum en el cual se establezcan las condiciones para ambas partes, según texto que se acompaña en la presente Resolución.

RESUELVO:

1. APRUÉBASE, el Addendum por el servicio de Disaster Recovery y Bloomberg Datalicense Agreement, suscrito entre la Secretaría y Administración General del Ministerio de Hacienda, R.U.T. Nº 60.801.000-9, y la empresa Bloomberg Finance L.P., cuyo texto se transcribe a continuación:

"BLOOMBERG DISASTER RECOVERY SCHEDULE OF SERVICES

SERVICE PROVIDER ("SP"): BLOOMBERG FINANCE L.P.

SERVICE RECIPIENT ("SR"): MINISTERIO DE HACIENDA DE CHILE ACCOUNT No: 30284074

ORDER DATE: 6-Oct-2020 ORDER
No: 25631690



SERVICE RECIPIENT ADDRESS:

MINISTERIO DE HACIENDA DE CHILE
AV LIBERTADOR BERNARDO OHIGGINS 1315
PISO 5 OFFICINA 50
SANTIAGO
(City) (State/Province) (Postal Code)
Chile

USER CONTACT:

RICARDO CASTILLO +56-9-9506-309

BILLING ADDRESS:

MINISTERIO DE HACIENDA DE CHILE
TEATINOS 120
PISO 6
SANTIAGO
(City) (State/Province) (Postal Code)
Chile

BILLING CONTACT:

JOHANNA QUITRAL 56228282347

SP and SR are parties to a Bloomberg Agreement or a Bloomberg Acknowledgment and Agreement No. **1014237** (the "Agreement"). The Agreement sets forth the terms and conditions under which SP provides the Services to SR. Capitalized terms used but not defined herein shall have the meanings stated in the Agreement. This Schedule of Services (this "Schedule") is a part of the Agreement and is expressly incorporated by reference therein.

TERMS AND CONDITIONS

1. Disaster Recovery License. The term "Services" in the Agreement shall include expanded access to the BLOOMBERG TERMINAL[®] service during a disaster event (the "DR Services"). The DR Services are made available to SR and, as applicable, all other entities in SR's Firm, covering all subscriptions for the BLOOMBERG TERMINAL service within SR's Firm. As used in this Schedule, the term "Firm" refers to all of the legal entities that (i) have subscribed, or shall during the Schedule Term (as defined below) subscribe, for the BLOOMBERG TERMINAL service under a Bloomberg Agreement or a Bloomberg Acknowledgment and Agreement with SP or its affiliate (each, an "Affiliate Agreement") and (ii) share SR's Bloomberg "Firm" number. SR's Firm may include multiple legal entities and business lines within SR's organization. The DR Services shall be provided to entities in SR's Firm under the Agreement or the applicable Affiliate Agreement(s), and the DR Services shall be considered Services thereunder. If an Affiliate Agreement is a Bloomberg Acknowledgment and Agreement, the DR Services shall be "User Services" as defined therein. If SR or any member of SR's Firm previously subscribed for fixed "disaster recovery" subscriptions to BLOOMBERG TERMINAL service, such subscription is hereby terminated and the services provided in connection with such subscription shall be replaced by the DR Services provided hereunder.

2. Administration and Transaction Product Functionality. (a) If SR has established, or shall establish, one or more administrators (each, an "Administrator") to use the APOD<GO> function (or any successor function, "APOD") to enable personnel who are Bloomberg Anywhere users to remotely access, via a Bloomberg Access Point on Demand, transaction products including electronic trading, order routing and portfolio and order management functions, and products and services of Bloomberg Tradebook (collectively, "Transaction Products"), then SR acknowledges and agrees that each Administrator shall have the authority to act as an administrator hereunder with respect to the DR Services, including without limitation (i) to designate the individual users or groups of users within SR's Firm affected by a disaster event, (ii) to request the initiation and/or cessation of the DR Services and (iii) during the pendency of any expanded access to the Services via the DR Services, to manage APOD restrictions on access to Transaction Products.



(b) Without limiting the foregoing, SR authorizes SP and its affiliates to accept from Administrators all directions permitted by SP and its affiliates in connection with the DR Services and this Schedule. Notwithstanding the foregoing or any other provision of this Schedule to the contrary (i) SR authorizes SP and its affiliates to accept all directions permitted by SP in connection with the DR Services and this Schedule from any representative of SR's Firm that SP or its affiliate believes in its good faith judgment has authority to bind SR and/or SR's Firm and (ii) SP and its affiliates may refuse to implement a direction from an Administrator or any other person if SP (or its affiliate) is unsure in its good faith judgment as to whether the person delivering the direction has the authority to do so.

3. Fees.

(a) The monthly fee for the DR Services (the "DR Services Fee") shall be \$35 per non-Bloomberg Anywhere subscription for the BLOOMBERG TERMINAL service licensed by SR's Firm (together, the "Covered

Terminals"). Notwithstanding the foregoing, if as of the end of any month the number of Covered Terminals shall be 300 or more, the DR Services Fee for such month shall be \$20 per Covered Terminal.

(b) The DR Service Fee shall be calculated monthly and billed contemporaneously with the applicable Covered Terminals. The amount of the monthly DR Service Fee shall be calculated by SP based on the number of Covered Terminals as of the last day of the immediately preceding month. The DR Services Fee shall be allocated pro rata among the Affiliate Agreements on the basis of the number of Covered Terminals maintained thereunder and shall be payable in US dollars except as otherwise provided in any applicable Affiliate Agreement.

(c) All applicable taxes, including, without limitation, sales tax, VAT, GST and similar taxes shall be in addition to the charges for the DR Services and shall be the responsibility of SR. If SR is tax-exempt, a copy of the State/Foreign Tax Exempt Certificate must be submitted upon signing this Schedule. To the extent permitted by law, SP may send and SR agrees to receive invoices via electronic mail.

4. Term and Termination.

(a) The initial term of this Schedule (the "Schedule Term") is from the date this Schedule is accepted by SP (the "Effective Date") to the second anniversary of that date, unless earlier terminated during the Schedule Term or any renewal thereof, as follows: (i) SR shall have the right to terminate this Schedule at any time upon not less than 60 days' prior written notice to SP and upon payment of all charges set forth in paragraph 3 of this Schedule through the date of termination; and (ii) SP shall have the right to terminate this Schedule and/or suspend SR's use of the DR Services at any time if SR breaches any of the provisions of this Schedule or the Agreement.

(b) The Schedule Term shall be automatically renewed for successive two-year periods unless SR or SP elects not to renew by giving not less than 60 days' prior written notice to the other. If this Schedule is so renewed for any additional period beyond the initial Schedule Term, the charges payable pursuant to paragraph 3 for such renewal period shall be calculated at the prevailing rates then offered by SP, and this Schedule shall be considered to be amended accordingly.

(c) This Schedule or any portion of the Services provided under this Schedule shall automatically terminate upon termination of the Agreement and each of the Affiliate Agreements. Upon any termination of this Schedule, SR shall be liable for all amounts payable pursuant to paragraph 3 through the date of termination.



5. Miscellaneous.

(a) SR represents, warrants and covenants to SP and its affiliates that: (i) each Administrator has and will maintain the authority to issue directions and to perform the functions of an Administrator with respect to the DR Services; (ii) SR will be responsible for the acts of the Administrator(s); (iii) SR and each other entity in SR's Firm is and will remain in compliance with, as applicable, the Agreement and any other agreements applicable to SR's Firm's use of the Services; (iv) SR is duly authorized by all necessary organizational action to bind all other entities in SR's Firm and to appoint Administrators for such entities; (v) the person whose name and signature appears below is duly authorized by all necessary organizational action to appoint Administrators and to execute and deliver this Schedule; and (vi) SR will notify Bloomberg of any change in the status of any Administrator.

(b) SR acknowledges and agrees that SP may delegate certain of its responsibilities, obligations and duties under or in connection with this Schedule, the Agreement and any other schedule or addendum related to the Agreement to a third party or an affiliate of SP, which may discharge those responsibilities, obligations and duties on behalf of SP. The DR Services are provided by Bloomberg Finance L.P. except as set forth on the login page of the BLOOMBERG TERMINAL service. SR acknowledges that SP or its applicable affiliate(s) shall have the right to send invoices for the DR Services to the applicable members of SR's Firm based on the location of the underlying BLOOMBERG TERMINAL service subscriptions.

(c) By written notice to SR, SP may amend this Schedule to comply with applicable law, for regulatory reasons, to add or modify the parties to this Schedule or to provide additional services, and SR's use of the DR Services after such notice shall be deemed SR's acceptance of the amendment.

(d) This Schedule, including any amendments, modifications, waivers or notifications relating thereto, may be executed and delivered by facsimile, electronic mail or other electronic means, including via a website designated by SP by completing the procedures specified on that website. Any such facsimile, electronic mail transmission or communication via such electronic means shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if signed manually. SR agrees that it has the ability to store the information delivered to SR electronically such that it remains accessible to SR in an unchanged form.

(e) If there are any inconsistencies between this Schedule and the Agreement or any Affiliate Agreement with respect to the DR Services, this Schedule shall govern.

BLOOMBERG DATALICENSE AGREEMENT

LICENSOR: BLOOMBERG FINANCE L.P.
LICENSEE: MINISTERIO DE HACIENDA DE CHILE
(Company Name)

ACCOUNT: 30470195
AGREEMENT: 3110473
ORDER: 25602531

This Bloomberg Datalicense Agreement (the "Agreement") is by and between Licensor and Licensee (the "parties"). The parties hereby agree as follows:

1. The Services

(a) The services under this Agreement (the "Services") shall consist of, and Licensee is granted a nonexclusive and nontransferable license to use, the data requested by Licensee from time to time in accordance with, and during the Term (as defined below) of, this Agreement (the "Data"), together with any software, equipment, and related services provided by Licensor hereunder.



(b) Delivery of the Services shall be made to Licensee at the address(es) set forth on the Schedule(s) of Services annexed hereto, as the same may be amended from time to time (each, a "Schedule"). Licensor shall determine, in consultation with Licensee, the method of access, delivery or transmission of the Services to Licensee.

(c) Subject to paragraph 1(d), Licensee may permit entities that are and continue to be Controlled (as defined below) by Licensee ("Licensee Affiliates", and together with Licensee, the "Licensee Enterprise") to use the Data; provided that Licensee ensures that each Licensee Affiliate complies with this Agreement as though such Licensee Affiliate were "Licensee" hereunder, and a Licensee Affiliate's failure to comply with this Agreement shall constitute a breach of this Agreement by Licensee. Use of the Data by Licensee Affiliates may require the payment of additional fees, as set forth on the Schedule(s). "Control" means direct or indirect ownership of a majority of the voting securities and/or economic interests of an entity and the power to appoint, directly or indirectly, the majority of the management of such entity.

(d) Licensee shall enter into a separate Schedule for each division (buy-side, sell-side, custody, or other business unit) of Licensee Enterprise (each, a "Division") that Licensee wishes to access or use any Data provided under that Schedule; provided that Licensor may (i) elect not to permit access or use of the Data by a Division, and (ii) require Licensee to enter into additional documentation for access or use of the Data

by a Division. Notwithstanding anything to the contrary in this Agreement, the Data provided under a Schedule may be accessed and used only by the Division specified in the Schedule.

(e) Licensor may delegate certain of its responsibilities, obligations and duties under or in connection with this Agreement to a third party or an affiliate of Licensor, which may discharge those responsibilities, obligations and duties on behalf of Licensor.

2. Term

(a) This Agreement shall be effective from the date it is accepted by Licensor (the "Effective Date") and shall remain in full force and effect until all Schedules have terminated (the "Term"), unless earlier terminated in accordance with its terms. The term of each Schedule shall be as set forth on the Schedule.

(b) Licensee may terminate this Agreement or a Schedule at any time upon not less than 60 days' prior written notice to Licensor and upon payment of the charges and fees set forth in paragraph 3 herein. Licensor may terminate this Agreement or a Schedule, and/or suspend Licensee's use of all or any portion of the Services immediately upon written notice to Licensee in the event of Licensee's breach of this Agreement. All Schedules shall terminate automatically upon termination of this Agreement.

(c) Paragraphs 2(c), 3(c), 4(g), 5(a), 5(b), 5(c), 6-10, and 12-15, and any other provision that expressly or by implication indicates survival after the Term, shall survive termination of this Agreement.

3. Charges

(a) Licensee shall pay Licensor upon presentation of an invoice the amount indicated on the Schedule(s), together with any levies or fees imposed or charged by providers of Additional Data (as defined below). Licensor may introduce or remove types of Data made available under this Agreement at any time, and Licensee shall be deemed to agree to Licensor's prices for the new types of Data upon a request for such new Data.

(b) Licensee shall be responsible and pay for: (i) all costs of cabling, communications, electrical and equipment installation charges incurred and (ii) any applicable taxes, assessments, fees or penalties in connection with the Services.



(c) Upon termination of this Agreement or any Schedule, Licensee shall be liable for all amounts payable pursuant to paragraphs 3(a), 3(b) and 10(c) herein through the date of termination of this Agreement or such Schedule, as applicable.

4. Use of the Data and Services

(a) The Services are solely and exclusively for Licensee's internal use and benefit, and Licensee shall not use, or permit the Services to be used, for any illegal purpose or in any manner not expressly permitted by this Agreement. Licensee may not use the Data in any way to improve the quality of data sold or contributed by Licensee to any third party. Licensee may not use the Services for resale or other transfer or disposition to, or use by or for the benefit of, any other person or entity, except that Licensee, as part of and in the ordinary course of its business and to support the primary business of Licensee, may use and distribute to its customers and prospective customers a limited amount of Data directly related to the type and extent of the customer relationship between such customer and Licensee; provided, however, that Licensee may not use or distribute the Data in any way which could cause the information so used or distributed, in Licensor's sole good faith judgment, to be a source of or substitute for the Data otherwise supplied by, or available from, Licensor or its affiliates, including but not limited to, in connection with portfolio valuation, correspondent broker, accounting, trustee, custodian, or similar services. Licensee may use the Data to carry out calculations and display the result (the "Resultant Data"), provided that the Data contained in the

Resultant Data does not, in Licensor's sole judgment, remain identifiable or readily extractable. Except as authorized in this Agreement or a Schedule, Licensee shall not permit the Data to be distributed, published, copied, broadcasted, reproduced, ported, stored in databases that may be accessed by, or otherwise routed to, any third party.

(b) Notwithstanding anything to the contrary in this Agreement, Licensee may not use, transfer, distribute or dispose of the Data or Resultant Data in any manner that does or could compete with the business of Licensor or Licensor's affiliates. Notwithstanding the previous sentence, if Licensee's use, transfer, distribution or disposition of Data or Resultant Data, as the case may be, violates the prohibition on competition with the business of Licensor or Licensor's affiliates and such violation arises solely because Licensor or any of its affiliates has entered a business (i) in which Licensor or its affiliates was not engaged on the Effective Date of this Agreement and (ii) in which Licensee was engaged on the Effective Date of this Agreement, then for the first two years following the Effective Date of this Agreement, such use of the Data or Resultant Data in such business by Licensee, subject to the other restrictions on use set forth in this Agreement, shall not be deemed to be a competing use for the purpose of this paragraph. Licensee acknowledges that the Data were developed, compiled, prepared, revised, selected and arranged by Licensor, its affiliates and others (including certain information sources) through the application of methods and standards of judgment developed and applied through the expenditure of substantial time, effort and money and constitute valuable intellectual property and trade secrets of Licensor, its affiliates and such others. Licensee shall comply with all reasonable written requests made by Licensor, its affiliates or their respective suppliers to protect their and others' contractual, statutory and common law rights in the Data, and shall notify Licensor in writing promptly upon becoming aware of any unauthorized access to, or use of, the Data by any person or entity or of any claim that the Data infringe upon any copyright, trademark, or other contractual, statutory or common law rights.

(c) Licensee shall only access the Services via methods authorized by Licensor in writing. The Services are solely for use on Licensee's own equipment and are provided without warranty as to compatibility, fitness or performance with such equipment, and Licensee shall bear all cost and responsibility for such equipment.



(d) Licensee shall not use any of Licensor's or its affiliates' trademarks, trade names, or service marks (collectively the "Licensor Marks") in any manner without Licensor's prior written consent, and Licensee acknowledges that it has no ownership rights in and to the Licensor Marks. Notwithstanding the foregoing, Licensee shall identify Licensor as the source of Data distributed to customers permitted under this Agreement and in the manner specified by Licensor or its affiliates from time to time.

(e) Notwithstanding any other provision of this Agreement, Licensor does not represent that the Services or anything created using the Services are appropriate or available for use in any particular location or for any or all purposes. Licensee shall not provide, and shall ensure that no Licensee Affiliate provides, any Services or anything created using the Services: (i) in any country and/or region with respect to which the United States maintains trade sanctions prohibiting the shipment or provision of services, goods, technology or software (a "Sanctioned Jurisdiction"); (ii) to, or for the benefit of, the government of a Sanctioned Jurisdiction or a person located in or normally resident of a Sanctioned Jurisdiction; (iii) if applicable, to any national of a Sanctioned Jurisdiction, wherever located; (iv) to anyone (A) on the Specially Designated Nationals and Blocked Persons List maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control (the "SDN List") or on the Foreign Sanctions Evaders List maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control (the "FSE List"), or (B) acting on behalf of or owned (directly or indirectly) or controlled by persons or entities on the SDN List or FSE List, (C) on the U.S. Department of Commerce's Denied Persons List, (D) on the U.S. Department of Commerce's Entity List, or (E) on or covered by any other U.S. government document that lists or otherwise identifies parties to which the U.S. restricts the shipment or provision of services, goods, technology or software ((iv)(A)-(E), collectively, the "U.S. Prohibited Party Lists"); (v) to the extent applicable, for the purpose of transacting in, providing financing for, or otherwise dealing in prohibited equity or debt of (A) entities listed on the Sectoral

Sanctions Identifications List maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control or on any other U.S. government document that identifies entities subject to similar sectoral sanctions (together "Sectoral Sanctions Lists"), or (B) entities owned or controlled by any entity on a Sectoral Sanctions List; or (vi) to anyone for any other purpose that would be prohibited under U.S. law, including, without limitation, nuclear, chemical or biological weapons proliferation.

(f) Each time Licensee receives or uses the Services or anything created using the Services, Licensee shall be deemed to represent, warrant and covenant to Licensor and its affiliates that none of Licensee, any Licensee Affiliate, anyone acting on behalf of Licensee or any Licensee Affiliate, or anyone on whose behalf Licensee is acting, is: (i) located in or normally resident of, or the government of, any Sanctioned Jurisdiction; (ii) a national of a Sanctioned Jurisdiction that is, in such capacity, subject to sanctions prohibitions; (iii) on any U.S. Prohibited Party List; (iv) acting on behalf of or owned (directly or indirectly) or controlled by any person or entity on the SDN List or FSE List; (v) in contravention of law, using the Services or anything created using the Services in connection with transacting in, providing financing for, or otherwise dealing in prohibited equity or debt of entities listed on a Sectoral Sanctions List, or entities owned or controlled by any entity on a Sectoral Sanctions List; or (vi) using the Services or anything created using the Services for any other purpose that would be prohibited under U.S. law, including, without limitation, nuclear, chemical or biological weapons proliferation.

(g) Licensee shall, and shall cause each Licensee Affiliate to, comply with all applicable laws, rules and regulations in accessing or using the Services. Licensee shall be responsible for the acts and omissions of its employees and representatives as if they were Licensee's own acts and omissions.



5. Warranties and Limitations of Liabilities

(a) Nothing in the Services shall constitute or be construed as an offering of financial instruments or as investment advice or investment recommendations (i.e., recommendations as to whether or not to “buy”, “sell”, “hold”, or to enter or not to enter into any other transaction involving any specific interest or interests) by Licensor or its affiliates or a recommendation as to an investment or other strategy by Licensor or its affiliates. No aspect of the Services is based on the consideration of Licensee's individual circumstances, and data and other information available via the Services should not be considered as information sufficient upon which to base an investment decision. Licensor and its affiliates do not express an opinion on the future or expected value of any security or other interest and do not explicitly or implicitly recommend or suggest an investment strategy of any kind. The Services are not and shall not be construed as tax, accounting, legal or regulatory advice or opinions, or sufficient to satisfy any tax, accounting, legal or regulatory requirements. Licensee is solely responsible for the selection and use of appropriate parameters, inputs, models, formulas and data for meeting its tax, accounting, legal or regulatory requirements. Without limiting the foregoing, Licensee acknowledges and agrees that the Services may include indices, rates or other values (collectively, “Values”) that could be considered ‘benchmarks’ under the EU benchmark regulation and/or similar regulation (collectively, “BMR”) if used in a regulated manner and unless expressly agreed in writing by Licensor or an affiliate of Licensor and/or by any applicable third party administrator of such Values, Licensee shall not use such Values in any manner that could be construed as regulated ‘use’ as a benchmark under the BMR, including use to determine the value of financial instruments or to measure the performance of an investment fund for the purpose of tracking the return of such Value or of defining the asset allocation of a portfolio or of computing performance fees. LICENSOR AND ITS AFFILIATES MAKE NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SERVICES OR THE RESULTS TO BE ATTAINED BY LICENSEE OR OTHERS FROM THE USE OF THE SERVICES, AND THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR

PURPOSE OR USE. To the maximum extent permitted by law, Licensor and its affiliates, and its and their suppliers and third-party agents, shall have no responsibility or liability, contingent or otherwise, for any injury or damages (whether caused by negligence or otherwise) arising in connection with this Agreement, and shall not be liable for any lost profits, losses, punitive, incidental or consequential damages. The Data are derived from sources deemed reliable, but Licensor, its affiliates and its suppliers do not guarantee the correctness or completeness of the Data or other information furnished in connection with the Services. Licensor and its affiliates shall not be responsible for or have any liability for any injuries or damages caused by errors, inaccuracies, omissions or any other failure in, or delays or interruptions of, the Services, from whatever cause. Licensee is solely responsible for the selection of and use or intended use of the Services, the accuracy and adequacy of the Services and information used by it and the resultant output thereof. Licensee shall indemnify Licensor and its affiliates and hold them harmless and at Licensee's expense defend Licensor and its affiliates against any loss, claim, demand or expense (including reasonable attorneys' fees) arising in connection with the use of the Services by Licensee Enterprise. To the maximum extent permitted by law, it is agreed that the aggregate liability of Licensor and its affiliates arising in connection with this Agreement and the Services for damages, regardless of the form of the action, shall not exceed the fees paid under the Schedule(s) by Licensee for the Services during the six months immediately preceding the alleged injury or damage, and that this shall be Licensee's exclusive remedy. No party shall be liable to the other for any default resulting from force majeure, which shall be deemed to include any circumstances beyond the reasonable control of the party or parties affected. No action, regardless of form, arising out of or pertaining to any of the Services may be brought by Licensee more than one (1) year after the cause of action has accrued. Licensor and its affiliates shall not be liable for any claim or demand against Licensee Enterprise by a third party.



(b) Notwithstanding any limitations contained in paragraph 5(a) of this Agreement to the contrary, Licensor shall indemnify Licensee and hold it harmless and at Licensor's expense defend Licensee against any claim that the Services provided by Licensor hereunder infringe any copyright, trademark or other intellectual property rights; provided that (i) Licensee promptly notifies Licensor in writing of the claim, (ii) Licensor shall have sole control of the settlement and defense of any action to which this indemnity relates, (iii) Licensee cooperates in every reasonable way to facilitate such defense, and (iv) if Licensee becomes aware of any suspected infringement by a third party of any proprietary rights of Licensor, Licensee shall promptly notify Licensor of such activities. Notwithstanding anything to the contrary in this paragraph 5(b), Licensor shall not indemnify Licensee for any claim to the extent it arises from or in connection with any (w) additions, changes or modifications to the Services that were not made by Licensor or its affiliates, (x) incorporation of the Services into any product or service not provided by Licensor or its affiliates, (y) breach or non-compliance with the terms of this Agreement or (z) third party with whom Licensee has a direct agreement.

(c) Licensor and its affiliates are not responsible for the reliability or continued availability of the communication lines and equipment used by Licensee in accessing the Services.

6. Remedies

The parties acknowledge that an actual or threatened breach of this Agreement by Licensee or any of its employees, representatives or affiliates would cause irreparable harm to Licensor that could not be adequately relieved by monetary damages only. The parties therefore intend and agree that if such actual or threatened breach occurs, Licensor shall be entitled to injunctive relief to enforce the provisions hereof, but nothing herein shall preclude Licensor from pursuing any action or other remedy for any actual or threatened breach of this Agreement, all of which shall be cumulative. If Licensor prevails in any such action, Licensor shall be entitled to recover from Licensee all reasonable costs, expenses and attorneys' fees incurred in connection therewith. The distribution by Licensee of information identical or similar to the Data and from which distribution Licensee derives or may derive commercial revenue shall be deemed a breach of the terms of paragraphs 4(a)-(b) hereof.

7. Parties

Licensee recognizes that Licensor, its affiliates, its partners, suppliers and their respective affiliates, each have rights with respect to the Services. Paragraphs 5 and 6 of this Agreement shall be for the benefit of Licensor, its affiliates, its partners, suppliers, and their respective affiliates, successors and assigns. Notwithstanding the forgoing, this Agreement may be varied or terminated without the consent of any third-party beneficiary.

8. Access and Audit

(a) Licensor and its affiliates may, in accordance with this paragraph, audit the Licensee Enterprise's premises, computers (including but not limited to, hardware, software, network services) and personnel for the purpose of determining the Licensee Enterprise's compliance with this Agreement and use of the Data and the Resultant Data. Any on-site auditing or access by Licensor or its affiliates shall be during normal business hours under the supervision and control of Licensee's designated personnel and subject to Licensee's reasonable and standard security procedures provided in writing to Licensor; provided, however, that such control and procedures shall not frustrate the purpose of (or the ability to conduct) the full audit. Upon Licensor's request, Licensee shall arrange for personnel with sufficient knowledge of and expertise of Licensee Enterprise's use of the Services and Resultant Data to provide a demonstration of such use of, and the permissioning of access to, the Services and Resultant Data in the live, production environment(s) for observation by Licensor and its affiliates. Licensor and its affiliates shall not conduct more than one on-site



audit in a calendar year unless Licensor suspects, in its good faith judgment, that Licensee has breached this Agreement, in which event Licensor and its affiliates may conduct additional onsite audits.

(b) Licensee shall, upon request no more than once per year and at the end of the Term, provide to Licensor a certificate signed by an authorized person knowledgeable about Licensee Enterprise's use of the Services and Resultant Data and acceptable to Licensor confirming that Licensee Enterprise is in full compliance with this Agreement.

(c) If an audit reveals Licensee to be in breach of the Agreement, including using the Services, or Resultant Data in a manner not specifically authorized, without prejudice to any other rights and remedies available to Licensor, Licensor shall have the right to terminate this Agreement or one or more Schedules.

9. Archiving of Data

Upon termination of this Agreement or a Schedule for any reason whatsoever, all rights granted to Licensee to use the Services under the Agreement or the relevant Schedule (as applicable) shall terminate and Licensee shall immediately (a) cease using all Services and (b) delete and purge any and all Data and software provided by Licensor, including any copies thereof, from any System (as defined below) except that: (i) Licensee shall not be required to delete, purge or cease any permitted use of Resultant Data, and (ii) Licensee may store or archive the Data only as necessary to comply with internal audit and regulatory requirements, provided Licensee does not otherwise use the Data. Licensee shall provide Licensor with evidence satisfactory to Licensor of all such deletions, purges and cessation of use. "System" shall include without limitation any software, hardware or other equipment or services used by Licensee to receive, store, analyze, manipulate or process the Data or Resultant Data.

10. Additional Data

(a) "Additional Data" means data and information sourced from exchanges and other third-party information providers (other than Licensor or its affiliates), in each case that is included in Data.

(b) Licensee shall obtain all necessary authorizations from and comply with all restrictions and requirements regarding use, display, distribution or otherwise imposed by Additional Data providers (as such restrictions and requirements may change from time to time) with respect to Additional Data. Licensee acknowledges that, among other requirements imposed by Additional Data providers, Licensee may be required to: (i) enter into separate agreements with Additional Data providers to (x) receive access to such Additional Data, (y) use such Additional Data in applications, and/or (z) create and/or distribute Resultant Data using Additional Data; (ii) provide Licensor and/or Additional Data providers with reports on Licensee's use of such Additional Data; and/or (iii) permit Additional Data providers to audit Licensee's use of the provider's Additional Data. Licensee understands that Additional Data providers may choose at any time to limit, suspend or terminate the availability of Additional Data in the Services and that Licensor or its affiliates shall not be responsible for or have any liability therefor.

(c) Licensee shall pay for each third-party information service it receives through the Services, including, without limitation, all fees charged by Additional Data providers for access to Additional Data (which they may charge on the basis of each computer, user or other factor(s) as set by such Additional Data providers and varied by them from time to time) and any termination charges.

(d) Licensee hereby understands that Licensor and its affiliates may be required by Additional Data Providers to disclose certain information concerning Licensee's use of Additional Data, and Licensee hereby consents to the disclosure of such information. If an Additional Data provider requests information concerning Licensee's use of its Additional Data, Licensee further consents to Licensor and its affiliates disclosing to



such Additional Data provider contact information of the signatory(ies) of this Agreement and/or Licensor's current contact at licensee who is responsible for Licensee's use of Data.

11. Miscellaneous

(a) Licensor reserves the right at any time to disable Licensee's electronic requests or to cease providing the Services to Licensee in order to protect the integrity and security of Licensor's network. (b) Licensor and its affiliates shall have the right at any time to make changes, enhancements, or upgrades to the Services and Licensee shall take all reasonable steps to maintain compatibility with the Services.

12. Assignment

Licensee shall not assign this Agreement or any of its rights hereunder without Licensor's consent.

13. Complete Agreement; Modifications or Waivers; Electronic Signature; Inquiries

This Agreement, together with the Schedule(s), which are incorporated herein by reference, is the complete and exclusive statement of the agreements between the parties with respect to the subject matter hereof and supersedes any oral or written communications or representations or agreements relating thereto. No changes, modifications or waivers regarding this Agreement shall be binding unless in writing and executed by the parties. This Agreement, including any Schedules, and any modifications, waivers or notifications relating thereto, may be executed and delivered by facsimile, electronic mail, or other electronic means, including via a website designated by Licensor by completing the procedures specified on that website, and any such execution shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if executed manually. Licensee agrees that it has the ability to store the information delivered to Licensee electronically such that it remains accessible to Licensee in an unchanged form. For inquiries, please contact Bloomberg L.P., operating agent of Bloomberg Finance L.P., at 731 Lexington Avenue, New York, NY 10022, Telephone: (212) 318-2000, Facsimile: (917) 369-5540, or any successor operating agent or other party as specified by Bloomberg Finance L.P. from time to time.

14. Validity

If any provision of this Agreement shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected and shall be valid and enforceable to the fullest extent permitted by law. The Agreement shall be reformed to the minimum extent necessary to correct any invalidity while preserving to the maximum extent the rights and commercial expectations of the parties. The headings in this Agreement are intended for convenience of reference and shall not affect its interpretation.

15. Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the United States and the State of New York regardless of the substantive law that might otherwise govern under applicable choice-of-law principles. The parties hereto, their successors and assigns, agree to submit to the exclusive jurisdiction of the federal and state courts located in New York County, New York in connection with any matters arising out of or relating to this Agreement and waive all objections to the selection of such venue or to such courts' assertion of jurisdiction over the parties regarding such matters, including without limitation on the grounds of forum non conveniens and sovereign immunity.



MASTER DATA SCHEDULE OF SERVICES TO BLOOMBERG DATALICENSE AGREEMENT

LICENSOR: BLOOMBERG FINANCE L.P.
LICENSEE: MINISTERIO DE HACIENDA DE CHILE
DIVISION: Buyside
DELIVERY ADDRESS:
MINISTERIO DE HACIENDA DE CHILE
TEATINOS 120
FLOOR 12 - CENTRO
SANTIAGO
(City) (State/Province) (Postal Code)
CHILE
USER CONTACT:
PATRICIO SEPULVEDA +562-2828-2169

ACCOUNT No: 30470195
ORDER DATE: 9-Sep-2020 **ORDER No:** 25602531
BILLING ADDRESS:
MINISTERIO DE HACIENDA DE CHILE
TEATINOS 120
FLOOR 12 - CENTRO
SANTIAGO
(City) (State/Province) (Postal Code)
CHILE
BILLING CONTACT:
PATRICIO SEPULVEDA +562-2828-2169

Licensor and Licensee are parties to a **BLOOMBERG BULK DATALICENSE AGREEMENT, BLOOMBERG PER SECURITY DATALICENSE AGREEMENT** or **BLOOMBERG DATALICENSE AGREEMENT** Number **3110473** (the "Agreement"), which sets forth the terms and conditions under which Licensor provides to Licensee the Services described therein. Capitalized terms which are not defined herein shall have the meanings stated in the Agreement. In case of any conflict between this Schedule and the Agreement, the terms of this Schedule shall govern.

TERMS AND CONDITIONS

Notwithstanding anything to the contrary in the Agreement or this Schedule, (i) Licensor's charges payable under this Schedule shall be waived for 3 billing period(s) beginning on the date any Services are first provided to Licensee under this Schedule, or such other period as agreed by the parties in writing (the "Implementation Period"), (ii) the initial Schedule Term shall be extended by a period of 3 month(s) and (iii) Licensee may terminate this Schedule upon written notice to Licensor during the Implementation Period, in which event Licensee shall not be required to pay any 50% termination charge(s) set forth in this Schedule in connection with such termination. All fees other than Licensor's charges (including, without limitation, applicable taxes and any levies or fees imposed or charged by exchanges or other information services or sources provided to Licensee) shall not be waived during the Implementation Period and are payable in accordance with this Schedule and the Agreement. If the Implementation Period does not commence within three (3) months of the Effective Date (as defined below), Licensor has the right to cancel the Implementation Period and reinstate Licensor's charges payable under this Schedule.

1. DEFINED TERMS

- (a) "Fee Appendix" shall mean the fee appendix attached hereto as setting forth the prices charged by Licensor for the provision of Data to Licensee (as such appendix may be amended and updated by Licensor from time to time as set forth in this Schedule).
- (b) "Licensee Affiliate", for the purpose of this Schedule, shall mean an entity that is and continues to be Controlled (as defined below) by Licensee. As used herein, "Control" means direct or indirect ownership of a majority of the voting securities and/or economic interests of an entity and the power to appoint, directly or indirectly, the majority of the management of such entity.
- (c) "Licensee Enterprise", for the purpose of this Schedule, shall mean Licensee and Licensee Affiliates.
- (d) "Related Persons" shall mean all employees, temporary workers and individual contractors of the Licensee Enterprise.



(e) "Request Services" shall mean the delivery modes for Data made available by Licensor from time to time. As of the date hereof, the Request Services consist of Scheduled, Ad Hoc and Bulk, each as described in the Fee Appendix.

2. TERM

(a) This Schedule shall be effective from the date accepted by Licensor (the "Effective Date") and shall remain in full force and effect until the date that is two years from the date any Services under this Schedule are first provided to Licensee (the "Schedule Term") unless earlier terminated in accordance with its terms.

(b) This Schedule shall automatically renew for successive two-year periods unless Licensor or Licensee elects not to renew this Schedule by giving the other party not less than 60 days' written notice prior to the end of the Schedule Term or any renewal thereof. If this Schedule is renewed for any additional period beyond the initial Schedule Term, the charges payable under this Schedule for such renewal period (including, but not limited to, charges payable pursuant to the Fee Appendix and/or paragraph 3 hereof) shall be calculated at the prevailing rates then offered by Licensor, and this Schedule and the Fee Appendix shall be considered to be amended accordingly. Notwithstanding the foregoing, if Licensee breaches any of the provisions of this Schedule, any other Schedule or the Agreement, Licensor may terminate this Schedule immediately upon written notice to Licensee. Licensee may terminate this Schedule at any time upon not less than 60 days' prior written notice to Licensor and upon payment of the charges set forth in paragraph 3 hereof.

(c) Licensee shall delete and purge Data (or ensure that Data is deleted and purged, as applicable) pursuant to paragraph 9 of the Agreement (as if the Agreement itself had been terminated) in the following circumstances: (i) if this Schedule is terminated for any reason, Licensee shall delete or purge any and all Data received under this Schedule; (ii) if a subscription to a Bulk file is terminated for any reason, Licensee shall delete or purge any and all Data received pursuant to such Bulk subscription; and (iii) if at any time an entity no longer satisfies the definition of Licensee Affiliate, Licensee shall ensure that such entity deletes or purges any and all Data received under this Schedule (and, for the avoidance of doubt, this Schedule shall be deemed terminated with respect to such entity). Notwithstanding anything to the contrary in the Agreement, Licensee may not use any Data that Licensee is permitted to retain pursuant to paragraph 9 of the Agreement to comply with or fulfill any ongoing regulatory requirements or obligations other than those related to Licensee's or a Licensee Affiliate's use of the Data during the Schedule Term or any renewal thereof. Scheduled, Ad Hoc and Bulk are each as described in the Fee Appendix.

(d) The following paragraphs shall survive the termination of this Schedule: 2(c), 2(d), 3(a), 3(c), 3(d), 4(b), 4(c), 4(e) and 6.

3. CHARGES

(a) Upon presentation of an invoice, Licensee agrees to pay Licensor the amounts indicated thereon, which shall be based on the amount and type of Data provided to Licensee during the applicable billing period and calculated in accordance with the Fee Appendix (the "Data Fees"). The Data Fees shall commence on the earlier of the date that (i) any Services under this Schedule are first provided to Licensee or (ii) is three (3) months from the Effective Date. All amounts displayed on this Schedule are in U.S. dollars.

(b) Notwithstanding anything to the contrary in the Agreement or this Schedule, Licensor or an affiliate of Licensor may introduce or remove available types of Data, other Services and/or Request Services. Licensee shall be deemed to agree to Licensor's and/or its affiliates' then-current prices for a new type of Data, other Service and/or Request Service upon a request for the new type of Data, other Service and/or Data pursuant to the new Request Service, as applicable.

(c) If this Schedule is terminated pursuant to paragraph 2 hereof, without limiting Licensor's other rights, Licensee shall be liable for all amounts payable pursuant to this Schedule through the date of termination and any termination charges set forth in the Fee Appendix.

(d) Licensor's charges payable hereunder do not include fees for exchange and third-party information services or applicable taxes. All applicable taxes, including, without limitation, sales tax, VAT, GST and similar



taxes, shall be in addition to the charges for the Services and shall be the responsibility of Licensee. If tax-exempt, a copy of the State/Foreign Tax Exempt Certificate must be submitted upon signing this Schedule.

4. GENERAL PROVISIONS

(a) Licensee shall be responsible for determining the applicable Request Service for all Data that Licensee requests and acknowledges that certain Data may not be available through all Request Services. Further, certain Data and/or Services may not be made available under this Schedule as of the Effective Date of this Schedule. Delivery of the Services shall be made to Licensee at the address set forth herein. If Licensee wishes to access Data from multiple locations, Licensee shall enter into a separate Schedule for each such location. In addition, Licensee agrees to enter into a separate Schedule for each división (buy-side, sell-side, custody, or other business unit) of the Licensee Enterprise (each, a "Division") that Licensee wishes to access or use any Data provided under this Schedule; provided that Licensor may (i) elect not to permit access or use of the Data by another Division or (ii) require Licensee to enter into additional documentation for access or use of the Data by another Division. Notwithstanding anything to the contrary in the Agreement or this Schedule, the Data provided under this Schedule may be accessed and used only by the Division specified above (and may not be accessed or used by, or distributed to, any other Division within the Licensee Enterprise).

(b) Subject to the terms of this Schedule (including paragraph 4(a)) and the Agreement, Licensee may permit Licensee Affiliates to use the Data provided under this Schedule. Licensee shall comply with this Schedule and the Agreement and shall cause each Licensee Affiliate and Related Person that has access to or uses the Data or Services as permitted by this Schedule and the Agreement to comply with this Schedule and the Agreement as though such Licensee Affiliate or Related Person were "Licensee" hereunder. A Licensee Affiliate's or Related Person's failure to comply with this Schedule or the Agreement shall constitute a breach of this Schedule or the Agreement by Licensee.

(c) If Licensee or any Licensee Affiliate uploads or otherwise provides to Licensor and/or its affiliates data for use in connection with any Service provided under this Schedule (any such data, "Custom Data"), Licensee shall be deemed to represent, warrant and covenant to Licensor and its affiliates that Licensee (and each such Licensee Affiliate) has all requisite legal and contractual authority to upload or otherwise provide to Licensor and its affiliates the Custom Data for such use. Notwithstanding anything to the contrary in the Agreement and without limiting Licensee's other indemnification obligations under the Agreement, Licensee shall indemnify and hold harmless Licensor and its affiliates against any loss, claim or expense (including reasonable attorneys' fees) suffered by Licensor and/or its affiliates as a result of (i) Licensee's or any Licensee Affiliate's provision of Custom Data to Licensor or an affiliate of Licensor or (ii) Licensor's or its

affiliates' use of Custom Data as permitted by this Schedule. Notwithstanding anything to the contrary in the Agreement, Licensor's indemnification obligation in the Agreement shall not apply to Custom Data.

(d) Licensee acknowledges that it shall be required to have a separate Schedule licensing BVAL Data (as defined in such Schedule) in order for BVAL Data to be used as an input for derived fields, and agrees its receipt and use of any such derived fields shall be subject to Licensee's obligations (including all representations and warranties) with respect to BVAL Data set forth in such Schedule. BVAL Data is not available in all jurisdictions.



(e) Nothing in the Services shall constitute or be construed as an offering of financial instruments or as investment advice or investment recommendations (i.e., recommendations as to whether or not to “buy”, “sell”, “hold”, or to enter or not to enter into any other transaction involving any specific interest or interests) by Licensor or its affiliates or a recommendation as to an investment or other strategy by Licensor or its affiliates. No aspect of the Services is based on the consideration of Licensee's individual circumstances, and data and other information available via the Services should not be considered as information sufficient upon which to base an investment decision. Licensor and its affiliates do not express an opinion on the future or expected value of any security or other interest and do not explicitly or implicitly recommend or suggest an investment strategy of any kind. The Services are not and shall not be construed as tax, accounting, legal or regulatory advice or opinions, or sufficient to satisfy any tax, accounting, legal or regulatory requirements. Licensee is solely responsible for the selection and use of appropriate parameters, inputs, models, formulas and data for meeting its tax, accounting, legal or regulatory requirements. Without limiting the foregoing, Licensee acknowledges and agrees that the Services may include indices, rates or other values (collectively, “Values”) that could be considered ‘benchmarks’ under the EU benchmark regulation and/or similar regulation (collectively, “BMR”) if used in a regulated manner and unless expressly agreed in writing by Licensor or an affiliate of Licensor and/or by any applicable third party administrator of such Values, Licensee shall not use such Values in any manner that could be construed as regulated ‘use’ as a benchmark under the BMR, including use to determine the value of financial instruments or to measure the performance of an investment fund for the purpose of tracking the return of such Value or of defining the asset allocation of a portfolio or of computing performance fees.

(f) Licensee agrees to comply with all restrictions and requirements regarding use, display, distribution or otherwise imposed by exchanges and other third-party information providers (as such restrictions and requirements may change from time to time) with respect to data and information Licensee receives from such exchanges and third-party information providers under this Schedule. For the avoidance of doubt, all provisions in the Agreement regarding data and information sourced from exchanges and other third-party information providers (other than Licensor and its affiliates) shall apply to all such data and information received under this Schedule.

5. TESTING SERVICES

(a) Licensor or an affiliate of Licensor may, in its sole discretion, provide certain Data to Licensee for testing purposes (“Beta Data”). All Data shall be considered to be production data (i.e., not Beta Data) unless otherwise identified by Licensor as “beta” data (e.g., data identified as “beta” in the applicable billing class field of an invoice).

(b) Licensee shall use Beta Data only for internal testing and/or internal development purposes, and shall not use Beta Data in a production environment. For the avoidance of doubt, Licensee shall not use Beta Data to calculate risk or “mark-to-market” in a production environment and Licensee shall not redistribute any Beta Data. Beta Data shall be a part of the Services and, without limiting the effect of paragraphs 3(b) and 10(b) of the Agreement, Licensor shall not impose any additional fees for Beta Data (if used only as provided in this paragraph 5(b)).

6. MISCELLANEOUS

This Schedule, including any attachments thereto, and any modifications, waivers or notifications relating thereto, may be executed and delivered by facsimile, electronic mail, or other electronic means, including via a website designated by Licensor by completing the procedures specified on that website. Any such facsimile, electronic mail transmission, or communication via such electronic means shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if signed manually. Licensee agrees that it has the ability to store the information delivered to Licensee electronically such that it remains accessible to Licensee in an unchanged form.



MASTER DATA SCHEDULE OF SERVICES TO BLOOMBERG DATALICENSE AGREEMENT
FEE APPENDIX

General Terms and Fees

- 1) The minimum monthly fee under this Schedule (the "Monthly Minimum") shall be \$1,000, which may be satisfied by fees for Data requested on a Scheduled or Ad Hoc basis, but not by any fees for Data requested on a Bulk basis.
- 2) Licensor may give Licensee the benefit of reducing and/or re-allocating certain fees payable under this Schedule if Licensee and/or any affiliate of Licensee in the same Licensor firm number request the same Data for use in the Division specified in this Schedule ("Optimization"). Licensee acknowledges that any Optimization shall be subject to and in accordance with Licensor's standard practices, and that Optimization may not apply to all types of Data or Data Categories (as defined below) and/or across different Request Services. Licensee shall notify Licensor in writing if it does not wish to participate in Optimization for this Schedule, in which event Licensee may thereafter participate in Optimization only on renewal of this Schedule with no less than sixty (60) days' prior written notice to Licensor.
- 3) The Data Fees shall be billed monthly in arrears for Data requested on a Scheduled or Ad Hoc basis and quarterly in advance for Data requested on a Bulk basis. All amounts displayed on this Fee Appendix are in U.S. dollars.
- 4) If this Schedule is terminated for any reason prior to completion of a Schedule Term, without limiting Licensor's other rights, Licensee shall pay an early termination charge equal to 50% of the average monthly Data Fees owed to Licensor pursuant to this Schedule for Data requested on a Scheduled and/or Ad Hoc basis for the three-month period immediately preceding the date of termination, or if this Schedule was billable for fewer than three months, such shorter period, multiplied by the number of months remaining in the then-current Schedule Term.



Scheduled Terms

The Data Fees for Data requested on a Scheduled basis shall be determined each month in accordance with the Scheduled Fee Tables below based on the cumulative number of unique securities for which Licensee requested Data in each Data Category and Asset Type (if applicable) under this Schedule during the immediately preceding four calendar months or, if Licensee has requested Data on a Scheduled basis for fewer than four calendar months, such shorter period, subject to the following:

- 1) If Licensee participates in Optimization, (a) the applicable band in the Scheduled Fee Tables below shall be determined each calendar month based on the number of unique securities for which Licensee and its affiliates in the same Licensor firm number requested Data in each Data Category and Asset Type (if applicable) for use in the Division specified in this Schedule and (b) the Data Fees in the applicable band and the Access Fees shall be divided proportionately among Licensee and such affiliates' accounts;
- 2) If Licensee's requests (or, if applicable under Optimization, Licensee's and its affiliates' requests together) exceed the highest security band shown in the Scheduled Fee Table below in a month for a given Data Category and Asset Type (if applicable) in a month, Licensee shall be deemed to agree to Licensor's then-prevailing rates for such additional number of securities; and 3) If Licensee makes (or, if applicable under Optimization, Licensee and its affiliates together make) more than one request per security per day for a given Data Category and Asset Type (if applicable) in a calendar month, each additional request will be charged the applicable Access Fee set forth in the Scheduled Fee Tables below. For purposes of this Fee Appendix, "Asset Type" and "Data Category" shall mean the asset types and data categories identified in the Scheduled Fee Tables below or as may be added by Licensor from time to time. For the avoidance of doubt, no pro rata adjustment shall be applied if Licensee has accrued fewer than four calendar months' use of the Services.

Ad Hoc Terms

- 1) The Data Fees for Data requested on an Ad Hoc basis shall be determined each month in accordance with the Ad Hoc Fee Tables set forth below.
- 2) If Licensee requests Data from an Applicable Data Category (defined below) for a security on an Ad Hoc basis and does not request such Data on an Ad Hoc basis in three separate months during the following eleven-month period, Licensee shall be responsible to pay the Monthly Unique Security Charge for such Data as if Licensee had requested such Data in three separate months (the "Refresh Charges"). Licensor may give Licensee the benefit of reducing the Refresh Charges to account for natural turnover in Licensee's portfolios pursuant to its standard practices. "Applicable Data Category" shall mean Security Master, Corporate Structure, Capital Structure, Regulatory & Compliance, MiFIR Transparency, IFRS 9 SPPI, CBE, HQLA, Collateral Tagging, US Withholding Tax, Investor Protection, Basic Tax, UK MiFIR, Benchmark Regulation, FRTB RFET, SSFA, Regulatory Data Base and Packaged, Default Risk, ECL, Investor Analytics, Securities Financing Transactions Regulation, Security Ownership, Supply Chain, Environmental, Social & Governance and any new Data Category as may be added by Licensor from time to time.
- 3) In addition to any other termination charge(s) set forth in this Schedule, if this Schedule is terminated or not renewed for any reason, Licensee shall be responsible for 50% of the Refresh Charges that would have otherwise become payable after the termination date.

Bulk Terms

- 1) Subject to availability, the Data Fees for Data requested on a Bulk basis shall be determined in accordance with (a) the applicable Bulk Amendment to this Schedule if Licensee and Licensor execute a Bulk Amendment or (b) the fees set forth on a portal through which Licensee has subscribed to such Data.
- 2) If this Schedule or a subscription to a Bulk file is terminated for any reason prior to completion of a Schedule Term, without limiting Licensor's other rights, Licensee shall pay an early termination charge in an amount equal to 50% of the charges calculated in accordance with this Schedule for all terminated Bulk subscriptions for the balance of the then-current term.



Scheduled Fee Tables
 (Annual Fees (in US\$); Billed Monthly in Arrears)
DATA CATEGORY: SECURITY MASTER AND PACKAGED FIELDS

Number of Unique Securities	Asset Type						
	ABS/CMO/CMS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 - 25	\$366	\$261	\$523	\$209	\$78	\$235	\$40
26 - 50	\$732	\$523	\$1,045	\$418	\$157	\$470	\$115
51 - 100	\$1,463	\$1,045	\$1,829	\$836	\$314	\$941	\$225
101 - 250	\$3,658	\$2,613	\$3,658	\$2,090	\$784	\$2,351	\$525
251 - 500	\$7,315	\$5,225	\$7,315	\$4,180	\$1,306	\$4,703	\$1,125
501 - 1000	\$14,630	\$10,450	\$14,630	\$8,360	\$2,613	\$9,405	\$2,250
1,001 - 2,500	\$36,575	\$26,125	\$36,575	\$15,675	\$6,531	\$23,513	\$4,725
2,501 - 5,000	\$73,150	\$52,250	\$73,150	\$31,350	\$13,063	\$47,025	\$10,125
5,001 - 7,500	\$109,725	\$78,375	\$109,725	\$47,025	\$19,594	\$70,538	\$16,875
7,501 - 10,000	\$146,300	\$104,500	\$146,300	\$62,700	\$26,125	\$94,050	\$23,625
10,001 - 15,000	\$219,450	\$130,625	\$219,450	\$94,050	\$39,188	\$141,075	\$30,375
15,001 - 20,000	\$292,600	\$156,750	\$292,600	\$125,400	\$52,250	\$188,100	\$42,525
20,001 - 25,000	\$365,750	\$182,875	\$365,750	\$156,750	\$65,313	\$235,125	\$54,675
25,001 - 30,000	\$438,900	\$209,000	\$438,900	\$188,100	\$78,375	\$282,150	\$66,825
30,001 - 40,000	\$585,200	\$281,250	\$585,200	\$250,800	\$104,500	\$313,500	\$85,050
40,001 - 50,000	\$731,500	\$313,500	\$731,500	\$282,150	\$130,625	\$339,625	\$109,350
50,001 - 100,000	\$783,750	\$391,875	\$940,500	\$313,500	\$209,000	\$365,750	\$182,250
Access Fee: \$0.01 for all Asset Types							

Packaged fields for a unique security are not charged when received together with any other billable fields for the security.



DATA CATEGORY: PRICING FIELDS

Number of Unique Securities	Asset Type						
	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 - 25	\$183	\$52	\$131	\$52	\$42	\$28	\$350
26 - 50	\$388	\$105	\$261	\$105	\$84	\$52	\$1,025
51 - 100	\$732	\$209	\$523	\$209	\$167	\$105	\$2,025
101 - 250	\$1,829	\$523	\$1,306	\$523	\$418	\$261	\$4,725
251 - 500	\$3,658	\$1,045	\$2,613	\$1,045	\$836	\$523	\$10,125
501 - 1000	\$7,315	\$2,090	\$5,225	\$2,090	\$1,672	\$1,045	\$20,250
1,001 - 2,500	\$18,288	\$5,225	\$13,063	\$5,225	\$4,180	\$2,613	\$42,000
2,501 - 5,000	\$36,575	\$10,450	\$26,125	\$10,450	\$8,360	\$5,225	\$90,000
5,001 - 7,500	\$54,863	\$15,675	\$39,188	\$15,675	\$12,540	\$7,838	\$150,000
7,501 - 10,000	\$73,150	\$20,900	\$52,250	\$20,900	\$16,720	\$10,450	\$210,000
10,001 - 15,000	\$109,725	\$31,350	\$78,375	\$31,350	\$25,080	\$13,063	\$277,500
15,001 - 20,000	\$146,300	\$41,800	\$104,500	\$41,800	\$33,440	\$15,675	\$388,500
20,001 - 25,000	\$182,875	\$47,025	\$130,825	\$47,025	\$41,800	\$18,288	\$499,500
25,001 - 30,000	\$219,450	\$52,250	\$156,750	\$52,250	\$50,160	\$20,900	\$610,500
30,001 - 40,000	\$266,475	\$57,475	\$209,000	\$57,475	\$66,880	\$26,125	\$777,000
40,001 - 50,000	\$313,500	\$62,700	\$235,125	\$62,700	\$83,600	\$31,350	\$999,000
50,001 - 100,000	\$365,750	\$67,925	\$261,250	\$67,925	\$109,725	\$36,575	\$1,885,000

Access Fee: \$0.01 for all Asset Types



DATA CATEGORY: SNAPSHOT PRICING

Number of Unique Securities Band	Asset Type					
	ABS/CMO/CMS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals
1 - 25	\$392	\$92	\$287	\$92	\$92	\$40
26 - 50	\$557	\$183	\$575	\$183	\$181	\$78
51 - 100	\$1,097	\$366	\$1,138	\$366	\$358	\$154
101 - 250	\$2,704	\$905	\$2,616	\$905	\$805	\$376
251 - 500	\$5,330	\$1,792	\$5,173	\$1,792	\$1,809	\$745
501 - 1000	\$10,502	\$3,621	\$10,231	\$3,621	\$3,219	\$1,473
1,001 - 2,500	\$25,864	\$9,053	\$23,852	\$9,053	\$8,047	\$3,805
2,501 - 5,000	\$50,944	\$18,105	\$48,555	\$18,105	\$16,093	\$7,054
5,001 - 7,500	\$75,240	\$27,157	\$68,970	\$27,157	\$24,140	\$10,581
7,501 - 10,000	\$98,753	\$36,209	\$89,661	\$36,209	\$32,186	\$13,951
10,001 - 15,000	\$146,778	\$54,314	\$127,595	\$54,314	\$48,279	\$17,634
15,001 - 20,000	\$188,100	\$72,419	\$165,528	\$71,687	\$64,372	\$21,005
20,001 - 25,000	\$227,288	\$82,294	\$201,163	\$81,379	\$80,485	\$24,296
25,001 - 30,000	\$272,745	\$91,620	\$234,498	\$90,523	\$96,558	\$27,275
30,001 - 40,000	\$326,040	\$100,216	\$294,272	\$99,484	\$128,744	\$33,858
40,001 - 50,000	\$378,200	\$109,725	\$316,113	\$107,896	\$160,930	\$40,755
50,001 - 100,000	\$438,900	\$118,889	\$344,850	\$117,040	\$212,135	\$47,025

Access Fee: \$0.03 for all Asset Types



DATA CATEGORY: DERIVED FIELDS *

Number of Unique Securities Band	Asset Type						
	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 - 25	\$125	\$78	\$125	\$105	\$125	\$125	\$350
26 - 50	\$251	\$157	\$251	\$209	\$251	\$251	\$1,025
51 - 100	\$502	\$314	\$502	\$418	\$502	\$502	\$2,025
101 - 250	\$1,254	\$784	\$1,254	\$1,045	\$1,254	\$1,254	\$4,725
251 - 500	\$2,508	\$1,568	\$2,508	\$2,090	\$2,508	\$2,508	\$10,125
501 - 1000	\$5,016	\$3,135	\$5,016	\$4,180	\$5,016	\$5,016	\$20,250
1,001 - 2,500	\$12,540	\$7,838	\$12,540	\$10,450	\$12,540	\$12,540	\$42,000
2,501 - 5,000	\$25,080	\$15,675	\$25,080	\$20,900	\$25,080	\$25,080	\$90,000
5,001 - 7,500	\$37,620	\$23,513	\$37,620	\$31,350	\$37,620	\$37,620	\$150,000
7,501 - 10,000	\$50,160	\$31,350	\$50,160	\$41,800	\$50,160	\$50,160	\$210,000
10,001 - 15,000	\$75,240	\$47,025	\$75,240	\$62,700	\$75,240	\$75,240	\$277,500
15,001 - 20,000	\$100,320	\$62,700	\$100,320	\$83,600	\$100,320	\$100,320	\$388,500
20,001 - 25,000	\$125,400	\$78,375	\$125,400	\$104,500	\$125,400	\$125,400	\$499,500
25,001 - 30,000	\$150,480	\$94,050	\$150,480	\$125,400	\$150,480	\$150,480	\$610,500
30,001 - 40,000	\$200,640	\$109,725	\$200,640	\$130,625	\$200,640	\$200,640	\$777,000
40,001 - 50,000	\$250,800	\$125,400	\$250,800	\$146,300	\$250,800	\$250,800	\$999,000
50,001 - 100,000	\$313,500	\$141,075	\$313,500	\$167,200	\$313,500	\$313,500	\$1,065,000

Access Fee: \$0.03 for all Asset Types



DATA CATEGORY: HISTORICAL TIME SERIES OR END OF DAY HISTORICAL REQUESTS

Number of Unique Securities Band	Asset Type	
	All Assets (excluding Curve Tenor)	Curve Tenor
1 - 25	\$157	\$900
26 - 50	\$314	\$2,800
51 - 100	\$627	\$5,200
101 - 250	\$1,568	\$12,000
251 - 500	\$3,135	\$26,000
501 - 1000	\$6,270	\$52,000
1,001 - 2,500	\$15,675	\$108,500
2,501 - 5,000	\$31,350	\$232,500
5,001 - 7,500	\$47,025	\$387,500
7,501 - 10,000	\$62,700	\$542,500
10,001 - 15,000	\$94,050	\$700,000
15,001 - 20,000	\$125,400	\$960,000
20,001 - 25,000	\$156,750	\$1,280,000
25,001 - 30,000	\$188,100	\$1,540,000
30,001 - 40,000	\$250,800	\$1,980,000
40,001 - 50,000	\$313,500	\$2,520,000
50,001 - 100,000	\$385,750	\$4,200,000
Access Fee: \$0.01 for all Asset Types		

Data Type	Monthly Unique Security Charge	Monthly Maintenance Security Charge	Access Fee
Intraday Trades and Quotes	\$26.13 per curve tenor \$5.23 for fixed income or equities	\$4.18 per curve tenor \$0.52 for fixed income or equities	\$0.03 for fixed income and each curve tenor \$0.01 for equities

DATA CATEGORY: CREDIT RISK, ESTIMATES, CORPORATE ACTIONS

Number of Unique Securities****	Data Category				
	Estimates	Corporate Actions [†]	Credit Risk – Corporate Structure	Credit Risk – Capital Structure**	Credit Risk – Regulatory Compliance**
1 – 25	\$523	\$84	\$522	\$84	\$84
26 - 50	\$1,045	\$167	\$1,488	\$167	\$167
51 - 100	\$2,090	\$334	\$2,913	\$334	\$334
101 - 250	\$5,225	\$836	\$6,050	\$836	\$836
251 - 500	\$10,450	\$1,672	\$12,528	\$1,672	\$1,672
501 - 1000	\$20,900	\$3,344	\$21,924	\$3,344	\$3,344
1,001 - 2,500	\$48,767	\$8,360	\$43,848	\$8,360	\$8,360
2,501 - 5,000	\$62,700	\$16,720	\$78,300	\$16,720	\$16,720
5,001 - 7,500	\$73,150	\$25,080	\$117,450	\$25,080	\$25,080
7,501 – 10,000	\$83,600	\$33,440	\$127,890	\$33,440	\$33,440
10,001 - 15,000	\$94,050	\$50,160	\$146,160	\$50,160	\$50,160
15,001 - 20,000	\$104,500	\$66,880	\$204,624	\$66,880	\$66,880
20,001 - 25,000	\$114,950	\$83,600	\$234,900	\$83,600	\$83,600
25,001 - 30,000	\$137,940	\$100,320	\$287,100	\$100,320	\$100,320
30,001 - 40,000	\$175,560	\$117,054	\$365,400	\$117,054	\$117,054
40,001 - 50,000	\$225,720	\$130,432	\$486,800	\$130,432	\$130,432
50,001 - 100,000	\$376,200	\$217,386	\$783,000	\$217,386	\$217,386

Access Fee: \$0.01 for all Data Categories. ****



DATA CATEGORY: FUNDAMENTALS, SECURITY OWNERSHIP, SUPPLY CHAIN, ENVIRONMENTAL SOCIAL & GOVERNANCE

Number of Unique Securities****	Data Category						
	Band	Fundamentals	Fundamentals – Industry Specific ***	Fundamentals – Segmentation ***	Security Ownership †	Supply Chain	Environmental Social & Governance
	1 – 25	\$209	\$353	\$285	\$471	\$1,029	\$441
	26 - 50	\$376	\$706	\$529	\$941	\$2,059	\$892
	51 - 100	\$752	\$1,235	\$926	\$1,647	\$3,603	\$1,544
	101 - 250	\$1,881	\$2,471	\$1,853	\$3,294	\$7,206	\$3,088
	251 - 500	\$3,762	\$4,941	\$3,706	\$6,588	\$14,412	\$6,176
	501 - 1000	\$7,524	\$9,882	\$7,412	\$13,176	\$28,824	\$12,353
	1,001 - 2,500	\$15,675	\$24,706	\$18,529	\$32,941	\$72,059	\$30,882
	2,501 - 5,000	\$31,350	\$49,412	\$37,059	\$65,882	\$144,118	\$61,765
	5,001 - 7,500	\$47,025	\$74,118	\$55,588	\$98,824	\$216,176	\$92,647
	7,501 - 10,000	\$62,700	\$98,824	\$74,118	\$131,765	\$288,235	\$123,529
	10,001 - 15,000	\$78,375	\$148,235	\$111,176	\$197,647	\$432,353	\$185,294
	15,001 - 20,000	\$93,800	\$197,647	\$148,235	\$263,529	\$576,471	\$247,059
	20,001 - 25,000	\$109,225	\$247,059	\$185,294	\$329,412	\$720,588	\$308,824
	25,001 - 30,000	\$124,650	\$296,471	\$222,353	\$395,294	\$864,706	\$370,588
	30,001 - 40,000	\$166,200	\$395,294	\$290,471	\$527,059	\$1,152,941	\$494,118
	40,001 - 50,000	\$207,750	\$494,118	\$370,588	\$658,824	\$1,441,176	\$617,647
	50,001 - 100,000	\$415,500	\$988,235	\$741,176	\$1,317,647	\$2,882,353	\$1,235,294

Access Fee: \$0.01 for all Data Categories.****

* The amounts shown in the tables above for Corporate Actions, Derived Fields and Security Ownership reflect only the incremental differences above the price to be paid for the underlying Security Master Fields.

** The amounts shown in the table above for Credit Risk – Capital Structure and Credit Risk – Regulatory Compliance fields reflect only the incremental differences above the price to be paid for the underlying Credit Risk – Corporate Structure fields.

*** The amounts shown in the table above reflect only the incremental difference above the price to be paid for the underlying Fundamentals fields.

**** The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, Curve Tenors, and Entity.



REGULATORY AND RISK DATA CATEGORIES

Number of Unique Securities****	Group				
	1	2	3	4	5
1 - 150	\$1,000	\$2,500	\$4,200	\$10,000	\$13,333
151 - 500	\$3,000	\$7,500	\$12,800	\$30,000	\$40,000
501 - 1,000	\$5,880	\$14,321	\$21,004	\$47,520	\$70,400
1,001 - 1,500	\$9,242	\$22,837	\$33,494	\$68,150	\$98,000
1,501 - 2,500	\$14,818	\$33,222	\$48,726	\$98,120	\$135,351
2,501 - 5,000	\$26,520	\$58,406	\$85,862	\$104,325	\$154,556
5,001 - 7,500	\$37,920	\$64,899	\$95,185	\$112,050	\$166,000
7,501 - 10,000	\$47,760	\$81,774	\$119,935	\$126,000	\$183,066
10,001 - 15,000	\$67,040	\$98,650	\$145,750	\$153,900	\$230,760
15,001 - 20,000	\$82,640	\$109,035	\$154,000	\$174,457	\$247,685
20,001 - 25,000	\$94,080	\$121,497	\$164,489	\$186,919	\$276,917
25,001 - 30,000	\$100,960	\$125,652	\$167,535	\$228,457	\$338,455
30,001 - 40,000	\$117,520	\$130,844	\$170,582	\$290,765	\$430,763
40,001 - 50,000	\$124,040	\$149,537	\$191,906	\$373,842	\$553,840
50,001 - 75,000	\$162,000	\$207,691	\$266,536	\$519,227	\$769,225
75,001 - 100,000	\$180,000	\$290,768	\$373,152	\$726,919	\$1,076,917
Access Fee: \$0.03 for each Data Category in Groups 1-5.****					
Group 1	Regulatory Data Base and Packaged **, Investor Protection **, Basic Tax **, MiFIR Transparency **, UK MiFIR **, Securities Financing Transactions Regulation **				
Group 2	CBE **, SSFA **, US Withholding Tax **				
Group 3	HQLA **, IFRS 9 SPPI **, Collateral Tagging **, Benchmark Regulation **, Default Risk **				
Group 4	ECL ***** , LQA*****				
Group 5	FRTB RFET **, Investor Analytics **				

* Regulatory Data Base and Packaged fields for a unique security are not charged when received together with any other billable Regulatory Data Category fields for the security. ** The amounts shown in the tables above for CBE, LQA, HQLA, IFRS 9 SPPI, Collateral Tagging, SSFA, US Withholding Tax, Investor Protection, Basic Tax, MiFIR Transparency, UK MiFIR, Securities Financing Transactions Regulation, Benchmark Regulation, Default Risk, Investor Analytics, and FRTB RFET fields reflect only the incremental differences above the price to be paid for the underlying Security Master fields.

*** The Access Fee for LQA Data Category requests shall be waived in respect of up to five (5) such requests per security per day in the LQA Data Category.

**** The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category in Groups 1-5 and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, and Curve Tenors.

***** The amounts shown in the tables above for ECL fields reflect only the incremental differences above the price to be paid for the underlying Default Risk fields.



**Ad Hoc Fee Tables
Monthly Unique Security Charges
Reference Data**

Asset Type	Security Master and Packaged	Intraday Derived *	End of Day Derived *	Intraday Pricing	End of Day Pricing
Corporate, Preferred, Money Market	\$1.78	\$0.81	\$0.71	\$0.81	\$0.71
US Government	\$1.05	\$0.81	\$0.71	\$0.81	\$0.71
Sovereign/ Supranational/ Agency	\$1.78	\$0.81	\$0.71	\$0.81	\$0.71
Syndicated Loans	\$2.09	\$0.81	\$0.71	\$0.81	\$0.71
US Municipals	\$1.41	\$0.81	\$0.71	\$0.76	\$0.66
ABS, CMO, CMBS, Whole Loan	\$2.35	\$2.57	\$2.46	\$1.20	\$1.10
Agency Pools and TBAs	\$0.52	\$0.76	\$0.66	\$0.27	\$0.17
Equity and Equity Indices	\$1.36	\$0.62	\$0.52	\$0.31	\$0.21
Options/Futures/ FX/Warrants	\$1.36	\$0.62	\$0.52	\$0.31	\$0.21
Funds	\$1.57	\$0.62	\$0.52	\$0.31	\$0.21
Economic Statistics	\$0.21	\$0.31	\$0.21	\$0.31	\$0.21
Curve Tenor	\$0.21	\$2.40	\$2.40	\$2.61	\$2.61

Asset Type	Corporate Actions *	Corporate Structure	Capital Structure **	Regulatory & Compliance **	Fundamentals	Estimates
All	\$0.52	\$2.61	\$0.52	\$0.52	\$1.57	\$2.61

Asset Type	Fundamentals – Industry Specific ***	Fundamentals – Segmentation ***	Security Ownership†	Supply Chain	Environmental Social & Governance
All	\$1.20	\$0.90	\$1.60	\$3.50	\$1.50

Regulatory and Risk Data

Asset Type	Regulatory Data Base and Packaged * ****	Investor Protection *	Basic Tax *	MiFIR Transparency *	UK MiFIR *	Securities Financing Transactions Regulation *	CBE *	US Withholding Tax *	SSFA *
All	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$4.00	\$4.00	\$4.00

Asset Type	Benchmark Regulation*	Default Risk*	HQLA *	IFRS 9 SPPI *	Collateral Tagging *	ECL*****	LQA *	FRTB RFET *	Investor Analytics*
All	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$8.50	\$8.50	\$10.00	\$10.00

Historical Data

Data Type	Monthly Unique Security Charge	Monthly Maintenance Security Charge	Access Fee
Historical Time Series Fields or End of Day Historical Requests	\$26.13 per curve tenor \$3.14 for fixed income or equities	\$4.18 per curve tenor \$0.52 for fixed income or equities	\$0.03 for fixed income and each curve tenor \$0.01 for equities
Intraday Trades and Quotes	\$26.13 per curve tenor \$5.23 for fixed income or equities	\$4.18 per curve tenor \$0.52 for fixed income or equities	\$0.03 for fixed income and each curve tenor \$0.01 for equities

Packaged fields for a unique security are not charged when received together with any other billable fields for the security.
*The Monthly Unique Security Charges shown in the table above for Corporate Actions, Intraday Derived, End of Day Derived, Regulatory Data Base and Packaged, Investor Protection, Basic Tax, MiFIR Transparency, UK MiFIR, Securities Financing Transactions Regulation, Benchmark Regulation, CBE, US Withholding Tax, SSFA, HQLA, IFRS 9 SPPI, Collateral Tagging, LQA, Default Risk, Investor



Analytics, Security Ownership and FRTB RFET fields reflect only the incremental differences above the price to be paid for the underlying Security Master fields.

** The Monthly Unique Security Charges shown in the table above for Capital Structure and Regulatory & Compliance fields reflect only the incremental differences above the price to be paid for the underlying Corporate Structure fields.

*** The Monthly Unique Security Charges shown in the tables above for Fundamentals Industry Specific and Fundamentals Segmentation reflect only the incremental differences above the price paid for the underlying Fundamentals fields.

**** Regulatory Data Base and Packaged fields for a unique security are not charged when received together with any other billable Regulatory Data Category fields for the security.

***** The Monthly Unique Security Charge shown in the tables above for ECL fields reflect only the incremental differences above the price to be paid for the underlying Default Risk fields.

The Access Fee is \$0.01 for all Data Categories and Asset Types, except the Access Fee is \$0.03 for the following:

- Intraday Pricing and Snapshot (Corporate, Preferred, Money Market; US Government; Sovereign/Supranational/Agency; Syndicated Loans; US Municipals; ABS, CMO, CMBS, Whole Loan; and Agency Pools and TBAs);
- Intraday Derived (Corporate, Preferred, Money Market; US Government; Sovereign/Supranational/Agency; Syndicated Loans; US Municipals; ABS, CMO, CMBS, Whole Loan; Agency Pools and TBAs; Equity and Equity Indices; Options/Futures/FX/Warrants and Funds); and
- Regulatory Data Base and Packaged, Investor Protection, Basic Tax, MiFIR Transparency, Benchmark Regulation, CBE, US Withholding Tax, SSFA, HQLA, IFRS 9 SPPI, Collateral Tagging, LQA, UK MiFIR, Securities Financing Transactions Regulation, Default Risk, ECL, Investor Analytics, and FRTB RFET.

Curve Tenor history is available for prior twelve (12) months only; additional history is available subject to additional fees. Please contact Licensor for a fee quote.

2. **AUTORIZASE**, el pago a **Bloomberg Finance L.P.**, por los servicios contratados, de acuerdo a las siguientes tarifas, más los servicios adicionales indicados en el Scheduled Fee Tables:

Servicio	Tarifa Mensual	Total Mensual
Disaster Recovery (por 3 terminales)	USD \$35.-	USD \$105.-
Bloomberg Datalicense Agreement (Este servicio considera un periodo de prueba sin costo de 3 meses)	USD \$1.000.-	USD \$1.000.-

3. **IMPÚTESE**, el gasto indicado en el Resuelto Nº 2 precedente, al **Subtítulo 22, Ítem 11, Asignación 001 "Estudios e Investigaciones"**, del Presupuesto Vigente para el año 2020, cuyo centro de costos es Coordinación de Finanzas Internacionales, de la Secretaría y Administración General del Ministerio de Hacienda.

ANÓTESE, COMUNÍQUESE Y ARCHÍVESE



FRANCISCO MORENO GUZMÁN
SUBSECRETARIO DE HACIENDA



Distribución:

- Sra. Francesca Gorziglia Cheviakoff, Jefa Departamento Administrativo, Ministerio de Hacienda.
- Sra. Karina Valenzuela Cuevas, Encargada de Unidad de Abastecimiento y Contratos, Ministerio de Hacienda.
- Srta. Johanna Quital Henríquez, Encargada de Unidad de Contabilidad y Presupuestos, Ministerio de Hacienda.
- Sr. Andrés Pérez Morales, Coordinador de Finanzas Internacionales, Ministerio de Hacienda.
- Sr. Jaime Tramon Álvarez, Asesor Jurídico Coordinación de Finanzas Internacionales, Ministerio de Hacienda.
- Unidad de Atención de Consultas - Oficina de Partes, Ministerio de Hacienda.

Lo que transcribo a usted para su conocimiento

Saluda atentamente a usted

A handwritten signature in black ink, appearing to read "J. Obach". The signature is written over a horizontal line that serves as a baseline for the printed name below it.

JUAN JOSÉ OBACH GRANIFO
Jefe de Gabinete Ministro de Hacienda

Bloomberg

September 9, 2020

PATRICIO SEPULVEDA
MINISTERIO DE HACIENDA DE CHILE
TEATINOS 120
FLOOR 12 - CENTRO
SANTIAGO,
Chile

Re: Bloomberg Datalicense

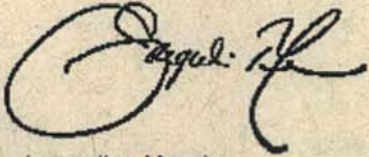
Dear Customer:

Please be advised that CUSIP, CINS and CGS ISIN securities identification data ("CGS Data") are proprietary to CUSIP Global Services ("CGS") and the American Bankers Association. We are obligated to report to CGS those of our customers that receive such data for CUSIP, CINS, or CGS ISINs for more than 500 securities in any one month. These reports include basic corporate entity information, including the customer entity name, address, and the number of distinct data requests at the entity level. Additionally, we have been asked to remind our customers that we may be required to discontinue your access to CGS Data if CGS advises us that you require a direct agreement with CGS and it has not been executed.

Please contact your Bloomberg Sales Representative for further information.

Thank you in advance for your cooperation in this matter. Please contact us if you should have any additional questions.

Sincerely,



Jacqueline Messina
Bloomberg L.P.

The BLOOMBERG TERMINAL service and Bloomberg data products (the "Services") are owned and distributed by Bloomberg Finance L.P. ("BFLP") except (i) in Argentina, Australia and certain jurisdictions in the Pacific islands, Bermuda, China, India, Japan, Korea and New Zealand, where Bloomberg L.P. and its subsidiaries ("BLP") distribute these products, and (ii) in Singapore and the jurisdictions serviced by Bloomberg's Singapore office, where a subsidiary of BFLP distributes these products. BLP provides BFLP and its subsidiaries with global marketing and operational support and service. The following are trademarks and service marks of BFLP, a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved.

MASTER DATA SCHEDULE OF SERVICES TO BLOOMBERG DATALICENSE AGREEMENT

LICENSOR: BLOOMBERG FINANCE L.P.		ACCOUNT No: 30470195
LICENSEE: MINISTERIO DE HACIENDA DE CHILE		ORDER No: 25602531
DIVISION: Buyside	ORDER DATE: 9-Sep-2020	
DELIVERY ADDRESS:		BILLING ADDRESS:
MINISTERIO DE HACIENDA DE CHILE		MINISTERIO DE HACIENDA DE CHILE
TEATINOS 120		TEATINOS 120
FLOOR 12 - CENTRO		FLOOR 12 - CENTRO
SANTIAGO		SANTIAGO
(City)	(State/Province)	(Postal Code)
CHILE		
USER CONTACT:		BILLING CONTACT:
PATRICIO SEPULVEDA +562-2828-2169		PATRICIO SEPULVEDA +562-2828-2169

Licensor and Licensee are parties to a BLOOMBERG BULK DATALICENSE AGREEMENT, BLOOMBERG PER SECURITY DATALICENSE AGREEMENT or BLOOMBERG DATALICENSE AGREEMENT Number 3110473 (the "Agreement"), which sets forth the terms and conditions under which Licensor provides to Licensee the Services described therein. Capitalized terms which are not defined herein shall have the meanings stated in the Agreement. In case of any conflict between this Schedule and the Agreement, the terms of this Schedule shall govern.

TERMS AND CONDITIONS

Notwithstanding anything to the contrary in the Agreement or this Schedule, (i) Licensor's charges payable under this Schedule shall be waived for 3 billing period(s) beginning on the date any Services are first provided to Licensee under this Schedule, or such other period as agreed by the parties in writing (the "Implementation Period"), (ii) the initial Schedule Term shall be extended by a period of 3 month(s) and (iii) Licensee may terminate this Schedule upon written notice to Licensor during the Implementation Period, in which event Licensee shall not be required to pay any 50% termination charge(s) set forth in this Schedule in connection with such termination. All fees other than Licensor's charges (including, without limitation, applicable taxes and any levies or fees imposed or charged by exchanges or other information services or sources provided to Licensee) shall not be waived during the Implementation Period and are payable in accordance with this Schedule and the Agreement. If the Implementation Period does not commence within three (3) months of the Effective Date (as defined below), Licensor has the right to cancel the Implementation Period and reinstate Licensor's charges payable under this Schedule.

1. DEFINED TERMS

- (a) "Fee Appendix" shall mean the fee appendix attached hereto as setting forth the prices charged by Licensor for the provision of Data to Licensee (as such appendix may be amended and updated by Licensor from time to time as set forth in this Schedule).
- (b) "Licensee Affiliate", for the purpose of this Schedule, shall mean an entity that is and continues to be Controlled (as defined below) by Licensee. As used herein, "Control" means direct or indirect ownership of a majority of the voting securities and/or economic interests of an entity and the power to appoint, directly or indirectly, the majority of the management of such entity.
- (c) "Licensee Enterprise", for the purpose of this Schedule, shall mean Licensee and Licensee Affiliates.
- (d) "Related Persons" shall mean all employees, temporary workers and individual contractors of the Licensee Enterprise.
- (e) "Request Services" shall mean the delivery modes for Data made available by Licensor from time to time. As of the date hereof, the Request Services consist of Scheduled, Ad Hoc and Bulk, each as described in the Fee Appendix.

2. TERM

- (a) This Schedule shall be effective from the date accepted by Licensor (the "Effective Date") and shall remain in full force and effect until the date that is two years from the date any Services under this Schedule are first provided to Licensee (the "Schedule Term") unless earlier terminated in accordance with its terms.
- (b) This Schedule shall automatically renew for successive two-year periods unless Licensor or Licensee elects not to renew this Schedule by giving the other party not less than 60 days' written notice prior to the end of the Schedule Term or any renewal thereof. If this Schedule is renewed for any additional period beyond the initial Schedule Term, the charges payable under this Schedule for such renewal period (including, but not limited to, charges payable pursuant to the Fee Appendix and/or



paragraph 3 hereof) shall be calculated at the prevailing rates then offered by Licensor, and this Schedule and the Fee Appendix shall be considered to be amended accordingly. Notwithstanding the foregoing, if Licensee breaches any of the provisions of this Schedule, any other Schedule or the Agreement, Licensor may terminate this Schedule immediately upon written notice to Licensee. Licensee may terminate this Schedule at any time upon not less than 60 days' prior written notice to Licensor and upon payment of the charges set forth in paragraph 3 hereof.

- (c) Licensee shall delete and purge Data (or ensure that Data is deleted and purged, as applicable) pursuant to paragraph 9 of the Agreement (as if the Agreement itself had been terminated) in the following circumstances: (i) if this Schedule is terminated for any reason, Licensee shall delete or purge any and all Data received under this Schedule; (ii) if a subscription to a Bulk file is terminated for any reason, Licensee shall delete or purge any and all Data received pursuant to such Bulk subscription; and (iii) if at any time an entity no longer satisfies the definition of Licensee Affiliate, Licensee shall ensure that such entity deletes or purges any and all Data received under this Schedule (and, for the avoidance of doubt, this Schedule shall be deemed terminated with respect to such entity). Notwithstanding anything to the contrary in the Agreement, Licensee may not use any Data that Licensee is permitted to retain pursuant to paragraph 9 of the Agreement to comply with or fulfill any ongoing regulatory requirements or obligations other than those related to Licensee's or a Licensee Affiliate's use of the Data during the Schedule Term or any renewal thereof. Scheduled, Ad Hoc and Bulk are each as described in the Fee Appendix.
- (d) The following paragraphs shall survive the termination of this Schedule: 2(c), 2(d), 3(a), 3(c), 3(d), 4(b), 4(c), 4(e) and 6.

3. CHARGES

- (a) Upon presentation of an invoice, Licensee agrees to pay Licensor the amounts indicated thereon, which shall be based on the amount and type of Data provided to Licensee during the applicable billing period and calculated in accordance with the Fee Appendix (the "Data Fees"). The Data Fees shall commence on the earlier of the date that (i) any Services under this Schedule are first provided to Licensee or (ii) is three (3) months from the Effective Date. All amounts displayed on this Schedule are in U.S. dollars.
- (b) Notwithstanding anything to the contrary in the Agreement or this Schedule, Licensor or an affiliate of Licensor may introduce or remove available types of Data, other Services and/or Request Services. Licensee shall be deemed to agree to Licensor's and/or its affiliates' then-current prices for a new type of Data, other Service and/or Request Service upon a request for the new type of Data, other Service and/or Data pursuant to the new Request Service, as applicable.
- (c) If this Schedule is terminated pursuant to paragraph 2 hereof, without limiting Licensor's other rights, Licensee shall be liable for all amounts payable pursuant to this Schedule through the date of termination and any termination charges set forth in the Fee Appendix.
- (d) Licensor's charges payable hereunder do not include fees for exchange and third-party information services or applicable taxes. All applicable taxes, including, without limitation, sales tax, VAT, GST and similar taxes, shall be in addition to the charges for the Services and shall be the responsibility of Licensee. If tax-exempt, a copy of the State/Foreign Tax Exempt Certificate must be submitted upon signing this Schedule.

4. GENERAL PROVISIONS

- (a) Licensee shall be responsible for determining the applicable Request Service for all Data that Licensee requests and acknowledges that certain Data may not be available through all Request Services. Further, certain Data and/or Services may not be made available under this Schedule as of the Effective Date of this Schedule. Delivery of the Services shall be made to Licensee at the address set forth herein. If Licensee wishes to access Data from multiple locations, Licensee shall enter into a separate Schedule for each such location. In addition, Licensee agrees to enter into a separate Schedule for each division (buy-side, sell-side, custody, or other business unit) of the Licensee Enterprise (each, a "Division") that Licensee wishes to access or use any Data provided under this Schedule; provided that Licensor may (i) elect not to permit access or use of the Data by another Division or (ii) require Licensee to enter into additional documentation for access or use of the Data by another Division. Notwithstanding anything to the contrary in the Agreement or this Schedule, the Data provided under this Schedule may be accessed and used only by the Division specified above (and may not be accessed or used by, or distributed to, any other Division within the Licensee Enterprise).
- (b) Subject to the terms of this Schedule (including paragraph 4(a)) and the Agreement, Licensee may permit Licensee Affiliates to use the Data provided under this Schedule. Licensee shall comply with this Schedule and the Agreement and shall cause each Licensee Affiliate and Related Person that has access to or uses the Data or Services as permitted by this Schedule and the Agreement to comply with this Schedule and the Agreement as though such Licensee Affiliate or Related Person were "Licensee" hereunder. A Licensee Affiliate's or Related Person's failure to comply with this Schedule or the Agreement shall constitute a breach of this Schedule or the Agreement by Licensee.
- (c) If Licensee or any Licensee Affiliate uploads or otherwise provides to Licensor and/or its affiliates data for use in connection with any Service provided under this Schedule (any such data, "Custom Data"), Licensee shall be deemed to represent, warrant and covenant to Licensor and its affiliates that Licensee (and each such Licensee Affiliate) has all requisite legal and contractual authority to upload or otherwise provide to Licensor and its affiliates the Custom Data for such use. Notwithstanding anything to the contrary in the Agreement and without limiting Licensee's other indemnification obligations under the Agreement, Licensee shall indemnify and hold harmless Licensor and its affiliates against any loss, claim or



expense (including reasonable attorneys' fees) suffered by Licensor and/or its affiliates as a result of (i) Licensee's or any Licensee Affiliate's provision of Custom Data to Licensor or an affiliate of Licensor or (ii) Licensor's or its affiliates' use of Custom Data as permitted by this Schedule. Notwithstanding anything to the contrary in the Agreement, Licensor's indemnification obligation in the Agreement shall not apply to Custom Data.

- (d) Licensee acknowledges that it shall be required to have a separate Schedule licensing BVAL Data (as defined in such Schedule) in order for BVAL Data to be used as an input for derived fields, and agrees its receipt and use of any such derived fields shall be subject to Licensee's obligations (including all representations and warranties) with respect to BVAL Data set forth in such Schedule. BVAL Data is not available in all jurisdictions.
- (e) **Nothing in the Services shall constitute or be construed as an offering of financial instruments or as investment advice or investment recommendations (i.e., recommendations as to whether or not to "buy", "sell", "hold", or to enter or not to enter into any other transaction involving any specific interest or interests) by Licensor or its affiliates or a recommendation as to an investment or other strategy by Licensor or its affiliates. No aspect of the Services is based on the consideration of Licensee's individual circumstances, and data and other information available via the Services should not be considered as information sufficient upon which to base an investment decision. Licensor and its affiliates do not express an opinion on the future or expected value of any security or other interest and do not explicitly or implicitly recommend or suggest an investment strategy of any kind. The Services are not and shall not be construed as tax, accounting, legal or regulatory advice or opinions, or sufficient to satisfy any tax, accounting, legal or regulatory requirements. Licensee is solely responsible for the selection and use of appropriate parameters, inputs, models, formulas and data for meeting its tax, accounting, legal or regulatory requirements. Without limiting the foregoing, Licensee acknowledges and agrees that the Services may include indices, rates or other values (collectively, "Values") that could be considered 'benchmarks' under the EU benchmark regulation and/or similar regulation (collectively, "BMR") if used in a regulated manner and unless expressly agreed in writing by Licensor or an affiliate of Licensor and/or by any applicable third party administrator of such Values, Licensee shall not use such Values in any manner that could be construed as regulated 'use' as a benchmark under the BMR, including use to determine the value of financial instruments or to measure the performance of an investment fund for the purpose of tracking the return of such Value or of defining the asset allocation of a portfolio or of computing performance fees.**
- (f) Licensee agrees to comply with all restrictions and requirements regarding use, display, distribution or otherwise imposed by exchanges and other third-party information providers (as such restrictions and requirements may change from time to time) with respect to data and information Licensee receives from such exchanges and third-party information providers under this Schedule. For the avoidance of doubt, all provisions in the Agreement regarding data and information sourced from exchanges and other third-party information providers (other than Licensor and its affiliates) shall apply to all such data and information received under this Schedule.

5. TESTING SERVICES

- (a) Licensor or an affiliate of Licensor may, in its sole discretion, provide certain Data to Licensee for testing purposes ("Beta Data"). All Data shall be considered to be production data (i.e., not Beta Data) unless otherwise identified by Licensor as "beta" data (e.g., data identified as "beta" in the applicable billing class field of an invoice).
- (b) Licensee shall use Beta Data only for internal testing and/or internal development purposes, and shall not use Beta Data in a production environment. For the avoidance of doubt, Licensee shall not use Beta Data to calculate risk or "mark-to-market" in a production environment and Licensee shall not redistribute any Beta Data. Beta Data shall be a part of the Services and, without limiting the effect of paragraphs 3(b) and 10(b) of the Agreement, Licensor shall not impose any additional fees for Beta Data (if used only as provided in this paragraph 5(b)).

6. MISCELLANEOUS

This Schedule, including any attachments thereto, and any modifications, waivers or notifications relating thereto, may be executed and delivered by facsimile, electronic mail, or other electronic means, including via a website designated by Licensor by completing the procedures specified on that website. Any such facsimile, electronic mail transmission, or communication via such electronic means shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if signed manually. Licensee agrees that it has the ability to store the information delivered to Licensee electronically such that it remains accessible to Licensee in an unchanged form.



Agreed to by:
MINISTERIO DE HACIENDA DE CHILE

Company Name



Signature (Duly authorized signatory, officer, partner or proprietor)

FRANCISCO MORENO GUZMÁN

Name (Please type or print)

UNDER SECRETARY OF FINANCE

Title (Please type or print)

OCTOBER 15th, 2020

Date

Agreed to by:
BLOOMBERG FINANCE L.P.

By: BLOOMBERG (GP) FINANCE LLC,
General Partner

Signature of Authorized Signatory

Date

The following are trademarks and service marks of Bloomberg Finance L.P., a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved. 600159172.52

Account: 30470195 Agreement: 3110473 Order: 25602531 DT: 5274 Cl: BFLP Pg 4 of 16 DLMasterSchG+ 02/03/20



ID 5346825

MASTER DATA SCHEDULE OF SERVICES TO BLOOMBERG DATA LICENSE AGREEMENT

FEE APPENDIX

General Terms and Fees

- 1) The minimum monthly fee under this Schedule (the "Monthly Minimum") shall be \$1,000, which may be satisfied by fees for Data requested on a Scheduled or Ad Hoc basis, but not by any fees for Data requested on a Bulk basis.
- 2) Licensor may give Licensee the benefit of reducing and/or re-allocating certain fees payable under this Schedule if Licensee and/or any affiliate of Licensee in the same Licensor firm number request the same Data for use in the Division specified in this Schedule ("Optimization"). Licensee acknowledges that any Optimization shall be subject to and in accordance with Licensor's standard practices, and that Optimization may not apply to all types of Data or Data Categories (as defined below) and/or across different Request Services. Licensee shall notify Licensor in writing if it does not wish to participate in Optimization for this Schedule, in which event Licensee may thereafter participate in Optimization only on renewal of this Schedule with no less than sixty (60) days' prior written notice to Licensor.
- 3) The Data Fees shall be billed monthly in arrears for Data requested on a Scheduled or Ad Hoc basis and quarterly in advance for Data requested on a Bulk basis. All amounts displayed on this Fee Appendix are in U.S. dollars.
- 4) If this Schedule is terminated for any reason prior to completion of a Schedule Term, without limiting Licensor's other rights, Licensee shall pay an early termination charge equal to 50% of the average monthly Data Fees owed to Licensor pursuant to this Schedule for Data requested on a Scheduled and/or Ad Hoc basis for the three-month period immediately preceding the date of termination, or if this Schedule was billable for fewer than three months, such shorter period, multiplied by the number of months remaining in the then-current Schedule Term.

Scheduled Terms

The Data Fees for Data requested on a Scheduled basis shall be determined each month in accordance with the Scheduled Fee Tables below based on the cumulative number of unique securities for which Licensee requested Data in each Data Category and Asset Type (if applicable) under this Schedule during the immediately preceding four calendar months or, if Licensee has requested Data on a Scheduled basis for fewer than four calendar months, such shorter period, subject to the following:

- 1) If Licensee participates in Optimization, (a) the applicable band in the Scheduled Fee Tables below shall be determined each calendar month based on the number of unique securities for which Licensee and its affiliates in the same Licensor firm number requested Data in each Data Category and Asset Type (if applicable) for use in the Division specified in this Schedule and (b) the Data Fees in the applicable band and the Access Fees shall be divided proportionately among Licensee and such affiliates' accounts;
- 2) If Licensee's requests (or, if applicable under Optimization, Licensee's and its affiliates' requests together) exceed the highest security band shown in the Scheduled Fee Table below in a month for a given Data Category and Asset Type (if applicable) in a month, Licensee shall be deemed to agree to Licensor's then-prevailing rates for such additional number of securities; and
- 3) If Licensee makes (or, if applicable under Optimization, Licensee and its affiliates together make) more than one request per security per day for a given Data Category and Asset Type (if applicable) in a calendar month, each additional request will be charged the applicable Access Fee set forth in the Scheduled Fee Tables below.

For purposes of this Fee Appendix, "Asset Type" and "Data Category" shall mean the asset types and data categories identified in the Scheduled Fee Tables below or as may be added by Licensor from time to time. For the avoidance of doubt, no pro rata adjustment shall be applied if Licensee has accrued fewer than four calendar months' use of the Services.

Ad Hoc Terms

- 1) The Data Fees for Data requested on an Ad Hoc basis shall be determined each month in accordance with the Ad Hoc Fee Tables set forth below.
- 2) If Licensee requests Data from an Applicable Data Category (defined below) for a security on an Ad Hoc basis and does not request such Data on an Ad Hoc basis in three separate months during the following eleven-month period, Licensee shall be responsible to pay the Monthly Unique Security Charge for such Data as if Licensee had requested such Data in three separate months (the "Refresh Charges"). Licensor may give Licensee the benefit of reducing the Refresh Charges to account for natural turnover in Licensee's portfolios pursuant to its standard practices. "Applicable Data Category" shall mean Security Master, Corporate Structure, Capital Structure, Regulatory & Compliance, MiFIR Transparency, IFRS 9 SPPI, CBE, HQLA, Collateral Tagging, US Withholding Tax, Investor Protection, Basic Tax, UK MiFIR, Benchmark Regulation, FRTB RFET, SSFA, Regulatory Data Base and Packaged, Default Risk, ECL, Investor Analytics, Securities Financing Transactions Regulation, Security Ownership, Supply Chain, Environmental, Social & Governance and any new Data Category as may be added by Licensor from time to time.
- 3) In addition to any other termination charge(s) set forth in this Schedule, if this Schedule is terminated or not renewed for any reason, Licensee shall be responsible for 50% of the Refresh Charges that would have otherwise become payable after the termination date.



Bulk Terms

- 1) Subject to availability, the Data Fees for Data requested on a Bulk basis shall be determined in accordance with (a) the applicable Bulk Amendment to this Schedule if Licensee and Licensor execute a Bulk Amendment or (b) the fees set forth on a portal through which Licensee has subscribed to such Data.
- 2) If this Schedule or a subscription to a Bulk file is terminated for any reason prior to completion of a Schedule Term, without limiting Licensor's other rights, Licensee shall pay an early termination charge in an amount equal to 50% of the charges calculated in accordance with this Schedule for all terminated Bulk subscriptions for the balance of the then-current term.



Scheduled Fee Tables

(Annual Fees (in US\$); Billed Monthly in Arrears)

DATA CATEGORY: SECURITY MASTER AND PACKAGED FIELDS

Number of Unique Securities	Asset Type						
	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals	Curve Tenors
1 - 25	\$366	\$261	\$523	\$209	\$78	\$235	\$40
26 - 50	\$732	\$523	\$1,045	\$418	\$157	\$470	\$115
51 - 100	\$1,463	\$1,045	\$1,829	\$836	\$314	\$941	\$225
101 - 250	\$3,658	\$2,613	\$3,658	\$2,090	\$784	\$2,351	\$525
251 - 500	\$7,315	\$5,225	\$7,315	\$4,180	\$1,306	\$4,703	\$1,125
501 - 1000	\$14,630	\$10,450	\$14,630	\$8,360	\$2,613	\$9,405	\$2,250
1,001 - 2,500	\$36,575	\$26,125	\$36,575	\$15,675	\$6,531	\$23,513	\$4,725
2,501 - 5,000	\$73,150	\$52,250	\$73,150	\$31,350	\$13,063	\$47,025	\$10,125
5,001 - 7,500	\$109,725	\$78,375	\$109,725	\$47,025	\$19,594	\$70,538	\$16,875
7,501 - 10,000	\$146,300	\$104,500	\$146,300	\$62,700	\$26,125	\$94,050	\$23,625
10,001 - 15,000	\$219,450	\$130,625	\$219,450	\$94,050	\$39,188	\$141,075	\$30,375
15,001 - 20,000	\$292,600	\$156,750	\$292,600	\$125,400	\$52,250	\$188,100	\$42,525
20,001 - 25,000	\$365,750	\$182,875	\$365,750	\$156,750	\$65,313	\$235,125	\$54,675
25,001 - 30,000	\$438,900	\$209,000	\$438,900	\$188,100	\$78,375	\$282,150	\$66,825
30,001 - 40,000	\$585,200	\$261,250	\$585,200	\$250,800	\$104,500	\$313,500	\$85,050
40,001 - 50,000	\$731,500	\$313,500	\$731,500	\$282,150	\$130,625	\$339,625	\$109,350
50,001 - 100,000	\$783,750	\$391,875	\$940,500	\$313,500	\$209,000	\$365,750	\$182,250

Access Fee: \$0.01 for all Asset Types

Packaged fields for a unique security are not charged when received together with any other billable fields for the security.



DATA CATEGORY: PRICING FIELDS

Number of Unique Securities	Asset Type						
	Band	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals
1 - 25	\$183	\$52	\$131	\$52	\$42	\$26	\$350
26 - 50	\$366	\$105	\$261	\$105	\$84	\$52	\$1,025
51 - 100	\$732	\$209	\$523	\$209	\$167	\$105	\$2,025
101 - 250	\$1,829	\$523	\$1,306	\$523	\$418	\$261	\$4,725
251 - 500	\$3,658	\$1,045	\$2,613	\$1,045	\$836	\$523	\$10,125
501 - 1000	\$7,315	\$2,090	\$5,225	\$2,090	\$1,672	\$1,045	\$20,250
1,001 - 2,500	\$18,288	\$5,225	\$13,063	\$5,225	\$4,180	\$2,613	\$42,000
2,501 - 5,000	\$36,575	\$10,450	\$26,125	\$10,450	\$8,360	\$5,225	\$90,000
5,001 - 7,500	\$54,863	\$15,675	\$39,188	\$15,675	\$12,540	\$7,838	\$150,000
7,501 - 10,000	\$73,150	\$20,900	\$52,250	\$20,900	\$16,720	\$10,450	\$210,000
10,001 - 15,000	\$109,725	\$31,350	\$78,375	\$31,350	\$25,080	\$13,063	\$277,500
15,001 - 20,000	\$146,300	\$41,800	\$104,500	\$41,800	\$33,440	\$15,675	\$388,500
20,001 - 25,000	\$182,875	\$47,025	\$130,625	\$47,025	\$41,800	\$18,288	\$499,500
25,001 - 30,000	\$219,450	\$52,250	\$156,750	\$52,250	\$50,160	\$20,900	\$610,500
30,001 - 40,000	\$266,475	\$57,475	\$209,000	\$57,475	\$66,880	\$26,125	\$777,000
40,001 - 50,000	\$313,500	\$62,700	\$235,125	\$62,700	\$83,600	\$31,350	\$999,000
50,001 - 100,000	\$365,750	\$67,925	\$261,250	\$67,925	\$109,725	\$36,575	\$1,665,000
Access Fee: \$0.01 for all Asset Types							



DATA CATEGORY: SNAPSHOT PRICING

Number of Unique Securities Band	Asset Type					
	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals
1 - 25	\$392	\$92	\$287	\$92	\$92	\$40
26 - 50	\$557	\$183	\$575	\$183	\$181	\$78
51 - 100	\$1,097	\$366	\$1,138	\$366	\$358	\$154
101 - 250	\$2,704	\$905	\$2,616	\$905	\$805	\$376
251 - 500	\$5,330	\$1,792	\$5,173	\$1,792	\$1,609	\$745
501 - 1000	\$10,502	\$3,621	\$10,231	\$3,621	\$3,219	\$1,473
1,001 - 2,500	\$25,864	\$9,053	\$23,852	\$9,053	\$8,047	\$3,605
2,501 - 5,000	\$50,944	\$18,105	\$46,555	\$18,105	\$16,093	\$7,054
5,001 - 7,500	\$75,240	\$27,157	\$68,970	\$27,157	\$24,140	\$10,581
7,501 - 10,000	\$98,753	\$36,209	\$89,661	\$36,209	\$32,186	\$13,951
10,001 - 15,000	\$145,778	\$54,314	\$127,595	\$54,314	\$48,279	\$17,634
15,001 - 20,000	\$188,100	\$72,419	\$165,528	\$71,687	\$64,372	\$21,005
20,001 - 25,000	\$227,288	\$82,294	\$201,163	\$81,379	\$80,465	\$24,296
25,001 - 30,000	\$272,745	\$91,620	\$234,498	\$90,523	\$96,558	\$27,275
30,001 - 40,000	\$326,040	\$100,216	\$294,272	\$99,484	\$128,744	\$33,858
40,001 - 50,000	\$376,200	\$109,725	\$316,113	\$107,896	\$160,930	\$40,755
50,001 - 100,000	\$438,900	\$118,869	\$344,850	\$117,040	\$212,135	\$47,025
Access Fee: \$0.03 for all Asset Types						



DATA CATEGORY: DERIVED FIELDS *

Number of Unique Securities	Asset Type						
	Band	ABS/CMO/CMBS/Whole Loan	Equity	Fixed Income	Listed Derivatives	Mortgage Pools	Municipals
1 - 25	\$125	\$78	\$125	\$105	\$125	\$125	\$350
26 - 50	\$251	\$157	\$251	\$209	\$251	\$251	\$1,025
51 - 100	\$502	\$314	\$502	\$418	\$502	\$502	\$2,025
101 - 250	\$1,254	\$784	\$1,254	\$1,045	\$1,254	\$1,254	\$4,725
251 - 500	\$2,508	\$1,568	\$2,508	\$2,090	\$2,508	\$2,508	\$10,125
501 - 1000	\$5,016	\$3,135	\$5,016	\$4,180	\$5,016	\$5,016	\$20,250
1,001 - 2,500	\$12,540	\$7,838	\$12,540	\$10,450	\$12,540	\$12,540	\$42,000
2,501 - 5,000	\$25,080	\$15,675	\$25,080	\$20,900	\$25,080	\$25,080	\$90,000
5,001 - 7,500	\$37,620	\$23,513	\$37,620	\$31,350	\$37,620	\$37,620	\$150,000
7,501 - 10,000	\$50,160	\$31,350	\$50,160	\$41,800	\$50,160	\$50,160	\$210,000
10,001 - 15,000	\$75,240	\$47,025	\$75,240	\$62,700	\$75,240	\$75,240	\$277,500
15,001 - 20,000	\$100,320	\$62,700	\$100,320	\$83,600	\$100,320	\$100,320	\$388,500
20,001 - 25,000	\$125,400	\$78,375	\$125,400	\$104,500	\$125,400	\$125,400	\$499,500
25,001 - 30,000	\$150,480	\$94,050	\$150,480	\$125,400	\$150,480	\$150,480	\$610,500
30,001 - 40,000	\$200,640	\$109,725	\$200,640	\$130,625	\$200,640	\$200,640	\$777,000
40,001 - 50,000	\$250,800	\$125,400	\$250,800	\$146,300	\$250,800	\$250,800	\$999,000
50,001 - 100,000	\$313,500	\$141,075	\$313,500	\$167,200	\$313,500	\$313,500	\$1,665,000

Access Fee: \$0.03 for all Asset Types



DATA CATEGORY: HISTORICAL TIME SERIES OR END OF DAY HISTORICAL REQUESTS

Number of Unique Securities	Asset Type	
	All Assets (excluding Curve Tenor)	Curve Tenor
1 - 25	\$157	\$900
26 - 50	\$314	\$2,600
51 - 100	\$627	\$5,200
101 - 250	\$1,568	\$12,000
251 - 500	\$3,135	\$26,000
501 - 1000	\$6,270	\$52,000
1,001 - 2,500	\$15,675	\$108,500
2,501 - 5,000	\$31,350	\$232,500
5,001 - 7,500	\$47,025	\$387,500
7,501 - 10,000	\$62,700	\$542,500
10,001 - 15,000	\$94,050	\$700,000
15,001 - 20,000	\$125,400	\$980,000
20,001 - 25,000	\$156,750	\$1,260,000
25,001 - 30,000	\$188,100	\$1,540,000
30,001 - 40,000	\$250,800	\$1,960,000
40,001 - 50,000	\$313,500	\$2,520,000
50,001 - 100,000	\$365,750	\$4,200,000
Access Fee: \$0.01 for all Asset Types		

Data Type	Monthly Unique Security Charge	Monthly Maintenance Security Charge	Access Fee
Intraday Trades and Quotes	\$26.13 per curve tenor \$5.23 for fixed income or equities	\$4.18 per curve tenor \$0.52 for fixed income or equities	\$0.03 for fixed income and each curve tenor \$0.01 for equities



DATA CATEGORY: CREDIT RISK, ESTIMATES, CORPORATE ACTIONS

Number of Unique Securities****	Data Category					
	Band	Estimates	Corporate Actions*	Credit Risk - Corporate Structure	Credit Risk - Capital Structure**	Credit Risk - Regulatory Compliance**
	1 - 25	\$523	\$84	\$522	\$84	\$84
	26 - 50	\$1,045	\$167	\$1,488	\$167	\$167
	51 - 100	\$2,090	\$334	\$2,913	\$334	\$334
	101 - 250	\$5,225	\$836	\$6,650	\$836	\$836
	251 - 500	\$10,450	\$1,672	\$12,528	\$1,672	\$1,672
	501 - 1000	\$20,900	\$3,344	\$21,924	\$3,344	\$3,344
	1,001 - 2,500	\$48,767	\$8,360	\$43,848	\$8,360	\$8,360
	2,501 - 5,000	\$62,700	\$16,720	\$78,300	\$16,720	\$16,720
	5,001 - 7,500	\$73,150	\$25,080	\$117,450	\$25,080	\$25,080
	7,501 - 10,000	\$83,600	\$33,440	\$127,890	\$33,440	\$33,440
	10,001 - 15,000	\$94,050	\$50,160	\$146,160	\$50,160	\$50,160
	15,001 - 20,000	\$104,500	\$66,880	\$204,624	\$66,880	\$66,880
	20,001 - 25,000	\$114,950	\$83,600	\$234,900	\$83,600	\$83,600
	25,001 - 30,000	\$137,940	\$100,320	\$287,100	\$100,320	\$100,320
	30,001 - 40,000	\$175,560	\$117,054	\$365,400	\$117,054	\$117,054
	40,001 - 50,000	\$225,720	\$130,432	\$469,800	\$130,432	\$130,432
	50,001 - 100,000	\$376,200	\$217,386	\$783,000	\$217,386	\$217,386
Access Fee: \$0.01 for all Data Categories. ****						



DATA CATEGORY: FUNDAMENTALS, SECURITY OWNERSHIP, SUPPLY CHAIN, ENVIRONMENTAL SOCIAL & GOVERNANCE

Number of Unique Securities****	Data Category					
	Band	Fundamentals	Fundamentals - Industry Specific ***	Fundamentals - Segmentation ***	Security Ownership *	Supply Chain
1 - 25	\$209	\$353	\$265	\$471	\$1,029	\$441
26 - 50	\$376	\$706	\$529	\$941	\$2,059	\$882
51 - 100	\$752	\$1,235	\$926	\$1,647	\$3,603	\$1,544
101 - 250	\$1,881	\$2,471	\$1,853	\$3,294	\$7,206	\$3,088
251 - 500	\$3,762	\$4,941	\$3,706	\$6,588	\$14,412	\$6,176
501 - 1000	\$7,524	\$9,882	\$7,412	\$13,176	\$28,824	\$12,353
1,001 - 2,500	\$15,675	\$24,706	\$18,529	\$32,941	\$72,059	\$30,882
2,501 - 5,000	\$31,350	\$49,412	\$37,059	\$65,882	\$144,118	\$61,765
5,001 - 7,500	\$47,025	\$74,118	\$55,588	\$98,824	\$216,176	\$92,647
7,501 - 10,000	\$62,700	\$98,824	\$74,118	\$131,765	\$288,235	\$123,529
10,001 - 15,000	\$78,375	\$148,235	\$111,176	\$197,647	\$432,353	\$185,294
15,001 - 20,000	\$83,600	\$197,647	\$148,235	\$263,529	\$576,471	\$247,059
20,001 - 25,000	\$88,825	\$247,059	\$185,294	\$329,412	\$720,588	\$308,824
25,001 - 30,000	\$94,050	\$296,471	\$222,353	\$395,294	\$864,706	\$370,588
30,001 - 40,000	\$99,275	\$395,294	\$296,471	\$527,059	\$1,152,941	\$494,118
40,001 - 50,000	\$104,500	\$494,118	\$370,588	\$658,824	\$1,441,176	\$617,647
50,001 - 100,000	\$150,480	\$635,294	\$476,471	\$847,059	\$1,852,941	\$794,118
Access Fee: \$0.01 for all Data Categories.****						

* The amounts shown in the tables above for Corporate Actions, Derived Fields and Security Ownership reflect only the incremental differences above the price to be paid for the underlying Security Master Fields.

** The amounts shown in the table above for Credit Risk - Capital Structure and Credit Risk - Regulatory Compliance fields reflect only the incremental differences above the price to be paid for the underlying Credit Risk - Corporate Structure fields.

*** The amounts shown in the table above reflect only the incremental difference above the price to be paid for the underlying Fundamentals fields.

**** The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, Curve Tenors, and Entity.



REGULATORY AND RISK DATA CATEGORIES

Number of Unique Securities****	Group					
	Band	1	2	3	4	5
1 - 150		\$1,000	\$2,500	\$4,200	\$10,000	\$13,333
151 - 500		\$3,000	\$7,500	\$12,600	\$30,000	\$40,000
501 - 1,000		\$5,880	\$14,321	\$21,004	\$47,520	\$70,400
1,001 - 1,500		\$9,342	\$22,837	\$33,494	\$66,150	\$98,000
1,501 - 2,500		\$14,618	\$33,222	\$48,726	\$96,120	\$135,351
2,501 - 5,000		\$26,520	\$58,406	\$85,662	\$104,325	\$154,556
5,001 - 7,500		\$37,920	\$64,899	\$95,185	\$112,050	\$166,000
7,501 - 10,000		\$47,760	\$81,774	\$119,935	\$126,000	\$183,066
10,001 - 15,000		\$67,040	\$98,650	\$145,750	\$153,900	\$230,760
15,001 - 20,000		\$82,640	\$109,035	\$154,000	\$174,457	\$247,685
20,001 - 25,000		\$94,080	\$121,497	\$164,489	\$186,919	\$276,917
25,001 - 30,000		\$100,960	\$125,652	\$167,535	\$228,457	\$338,455
30,001 - 40,000		\$117,520	\$130,844	\$170,582	\$290,765	\$430,763
40,001 - 50,000		\$124,040	\$149,537	\$191,906	\$373,842	\$553,840
50,001 - 75,000		\$162,000	\$207,691	\$266,536	\$519,227	\$769,225
75,001 - 100,000		\$180,000	\$290,768	\$373,152	\$726,919	\$1,076,917
Access Fee: \$0.03 for each Data Category in Groups 1-5.*****						
Group 1	Regulatory Data Base and Packaged *, Investor Protection **, Basic Tax **, MiFIR Transparency **, UK MiFIR **, Securities Financing Transactions Regulation **					
Group 2	CBE **, SSFA **, US Withholding Tax **					
Group 3	HQLA **, IFRS 9 SPPI **, Collateral Tagging **, Benchmark Regulation **, Default Risk **					
Group 4	ECL ***** , LQA*****					
Group 5	FRTB RFET **, Investor Analytics **					

* Regulatory Data Base and Packaged fields for a unique security are not charged when received together with any other billable Regulatory Data Category fields for the security.

** The amounts shown in the tables above for CBE, LQA, HQLA, IFRS 9 SPPI, Collateral Tagging, SSFA, US Withholding Tax, Investor Protection, Basic Tax, MiFIR Transparency, UK MiFIR, Securities Financing Transactions Regulation, Benchmark Regulation, Default Risk, Investor Analytics, and FRTB RFET fields reflect only the incremental differences above the price to be paid for the underlying Security Master fields.

*** The Access Fee for LQA Data Category requests shall be waived in respect of up to five (5) such requests per security per day in the LQA Data Category.

**** The number of unique securities and applicable fees (including the Access Fee) shall be calculated separately for each Data Category in Groups 1-5 and each of the following Asset Types: ABS/CMO/CMBS/Whole Loan, Equity, Fixed Income, Listed Derivatives, Mortgage Pools, Municipals, and Curve Tenors.

***** The amounts shown in the tables above for ECL fields reflect only the incremental differences above the price to be paid for the underlying Default Risk fields.



Ad Hoc Fee Tables

**Monthly Unique Security Charges
Reference Data**

Asset Type	Security Master and Packaged	Intraday Derived *	End of Day Derived *	Intraday Pricing	End of Day Pricing
Corporate, Preferred, Money Market	\$1.78	\$0.81	\$0.71	\$0.81	\$0.71
US Government	\$1.05	\$0.81	\$0.71	\$0.81	\$0.71
Sovereign/ Supranational/ Agency	\$1.78	\$0.81	\$0.71	\$0.81	\$0.71
Syndicated Loans	\$2.09	\$0.81	\$0.71	\$0.81	\$0.71
US Municipals	\$1.41	\$0.81	\$0.71	\$0.76	\$0.66
ABS, CMO, CMBS, Whole Loan	\$2.35	\$2.57	\$2.46	\$1.20	\$1.10
Agency Pools and TBAs	\$0.52	\$0.76	\$0.66	\$0.27	\$0.17
Equity and Equity Indices	\$1.36	\$0.62	\$0.52	\$0.31	\$0.21
Options/Futures/ FX/Warrants	\$1.36	\$0.62	\$0.52	\$0.31	\$0.21
Funds	\$1.57	\$0.62	\$0.52	\$0.31	\$0.21
Economic Statistics	\$0.21	\$0.31	\$0.21	\$0.31	\$0.21
Curve Tenor	\$0.21	\$2.40	\$2.40	\$2.61	\$2.61

Asset Type	Corporate Actions *	Corporate Structure	Capital Structure **	Regulatory & Compliance **	Fundamentals	Estimates
All	\$0.52	\$2.61	\$0.52	\$0.52	\$1.57	\$2.61

Asset Type	Fundamentals – Industry Specific ***	Fundamentals – Segmentation ***	Security Ownership*	Supply Chain	Environmental Social & Governance
All	\$1.20	\$0.90	\$1.60	\$3.50	\$1.50

Regulatory and Risk Data

Asset Type	Regulatory Data Base and Packaged * ****	Investor Protection *	Basic Tax *	MIFIR Transparency *	UK MIFIR *	Securities Financing Transactions Regulation *	CBE *	US Withholding Tax *	SSFA *
All	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$4.00	\$4.00	\$4.00

Asset Type	Benchmark Regulation*	Default Risk*	HQLA *	IFRS 9 SPPI *	Collateral Tagging *	ECL*****	LQA *	FRTB RFET *	Investor Analytics*
All	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$8.50	\$8.50	\$10.00	\$10.00



Historical Data

Data Type	Monthly Unique Security Charge	Monthly Maintenance Security Charge	Access Fee
Historical Time Series Fields or End of Day Historical Requests	\$26.13 per curve tenor \$3.14 for fixed income or equities	\$4.18 per curve tenor \$0.52 for fixed income or equities	\$0.03 for fixed income and each curve tenor \$0.01 for equities
Intraday Trades and Quotes	\$26.13 per curve tenor \$5.23 for fixed income or equities	\$4.18 per curve tenor \$0.52 for fixed income or equities	\$0.03 for fixed income and each curve tenor \$0.01 for equities

Packaged fields for a unique security are not charged when received together with any other billable fields for the security.

**The Monthly Unique Security Charges shown in the table above for Corporate Actions, Intraday Derived, End of Day Derived, Regulatory Data Base and Packaged, Investor Protection, Basic Tax, MiFIR Transparency, UK MiFIR, Securities Financing Transactions Regulation, Benchmark Regulation, CBE, US Withholding Tax, SSFA, HQLA, IFRS 9 SPPI, Collateral Tagging, LQA, Default Risk, Investor Analytics, Security Ownership and FRTB RFET fields reflect only the incremental differences above the price to be paid for the underlying Security Master fields.*

***The Monthly Unique Security Charges shown in the table above for Capital Structure and Regulatory & Compliance fields reflect only the incremental differences above the price to be paid for the underlying Corporate Structure fields.*

**** The Monthly Unique Security Charges shown in the tables above for Fundamentals Industry Specific and Fundamentals Segmentation reflect only the incremental differences above the price paid for the underlying Fundamentals fields.*

***** Regulatory Data Base and Packaged fields for a unique security are not charged when received together with any other billable Regulatory Data Category fields for the security.*

****** The Monthly Unique Security Charge shown in the tables above for ECL fields reflect only the incremental differences above the price to be paid for the underlying Default Risk fields.*

The Access Fee is \$0.01 for all Data Categories and Asset Types, except the Access Fee is \$0.03 for the following:

- Intraday Pricing and Snapshot (Corporate, Preferred, Money Market; US Government; Sovereign/Supranational/Agency; Syndicated Loans; US Municipals; ABS, CMO, CMBS, Whole Loan; and Agency Pools and TBAs);*
- Intraday Derived (Corporate, Preferred, Money Market; US Government; Sovereign/Supranational/Agency; Syndicated Loans; US Municipals; ABS, CMO, CMBS, Whole Loan; Agency Pools and TBAs; Equity and Equity Indices; Options/Futures/FX/Warrants and Funds); and*
- Regulatory Data Base and Packaged, Investor Protection, Basic Tax, MiFIR Transparency, Benchmark Regulation, CBE, US Withholding Tax, SSFA, HQLA, IFRS 9 SPPI, Collateral Tagging, LQA, UK MiFIR, Securities Financing Transactions Regulation, Default Risk, ECL, Investor Analytics, and FRTB RFET.*

Curve Tenor history is available for prior twelve (12) months only; additional history is available subject to additional fees. Please contact Licensors for a fee quote.



BLOOMBERG DATALICENSE AGREEMENT

LICENSOR: BLOOMBERG FINANCE L.P.
LICENSEE: MINISTERIO DE HACIENDA DE CHILE
(Company Name)

ACCOUNT: 30470195
AGREEMENT: 3110473
ORDER: 25602531

This Bloomberg Datalicense Agreement (the "Agreement") is by and between Licensor and Licensee (the "parties"). The parties hereby agree as follows:

1. The Services

- (a) The services under this Agreement (the "Services") shall consist of, and Licensee is granted a nonexclusive and nontransferable license to use, the data requested by Licensee from time to time in accordance with, and during the Term (as defined below) of, this Agreement (the "Data"), together with any software, equipment, and related services provided by Licensor hereunder.
- (b) Delivery of the Services shall be made to Licensee at the address(es) set forth on the Schedule(s) of Services annexed hereto, as the same may be amended from time to time (each, a "Schedule"). Licensor shall determine, in consultation with Licensee, the method of access, delivery or transmission of the Services to Licensee.
- (c) Subject to paragraph 1(d), Licensee may permit entities that are and continue to be Controlled (as defined below) by Licensee ("Licensee Affiliates", and together with Licensee, the "Licensee Enterprise") to use the Data; provided that Licensee ensures that each Licensee Affiliate complies with this Agreement as though such Licensee Affiliate were "Licensee" hereunder, and a Licensee Affiliate's failure to comply with this Agreement shall constitute a breach of this Agreement by Licensee. Use of the Data by Licensee Affiliates may require the payment of additional fees, as set forth on the Schedule(s). "Control" means direct or indirect ownership of a majority of the voting securities and/or economic interests of an entity and the power to appoint, directly or indirectly, the majority of the management of such entity.
- (d) Licensee shall enter into a separate Schedule for each division (buy-side, sell-side, custody, or other business unit) of Licensee Enterprise (each, a "Division") that Licensee wishes to access or use any Data provided under that Schedule; provided that Licensor may (i) elect not to permit access or use of the Data by a Division, and (ii) require Licensee to enter into additional documentation for access or use of the Data by a Division. Notwithstanding anything to the contrary in this Agreement, the Data provided under a Schedule may be accessed and used only by the Division specified in the Schedule.
- (e) Licensor may delegate certain of its responsibilities, obligations and duties under or in connection with this Agreement to a third party or an affiliate of Licensor, which may discharge those responsibilities, obligations and duties on behalf of Licensor.

2. Term

- (a) This Agreement shall be effective from the date it is accepted by Licensor (the "Effective Date") and shall remain in full force and effect until all Schedules have terminated (the "Term"), unless earlier terminated in accordance with its terms. The term of each Schedule shall be as set forth on the Schedule.
- (b) Licensee may terminate this Agreement or a Schedule at any time upon not less than 60 days' prior written notice to Licensor and upon payment of the charges and fees set forth in paragraph 3 herein. Licensor may terminate this Agreement or a Schedule, and/or suspend Licensee's use of all or any portion of the Services immediately upon written notice to Licensee in the event of Licensee's breach of this Agreement. All Schedules shall terminate automatically upon termination of this Agreement.
- (c) Paragraphs 2(c), 3(c), 4(g), 5(a), 5(b), 5(c), 6-10, and 12-15, and any other provision that expressly or by implication indicates survival after the Term, shall survive termination of this Agreement.

3. Charges

- (a) Licensee shall pay Licensor upon presentation of an invoice the amount indicated on the Schedule(s), together with any levies or fees imposed or charged by providers of Additional Data (as defined below). Licensor may introduce or remove types of Data made available under this Agreement at any time, and Licensee shall be deemed to agree to Licensor's prices for the new types of Data upon a request for such new Data.
- (b) Licensee shall be responsible and pay for: (i) all costs of cabling, communications, electrical and equipment installation charges incurred and (ii) any applicable taxes, assessments, fees or penalties in connection with the Services.
- (c) Upon termination of this Agreement or any Schedule, Licensee shall be liable for all amounts payable pursuant to paragraphs 3(a), 3(b) and 10(c) herein through the date of termination of this Agreement or such Schedule, as applicable.

4. Use of the Data and Services

- (a) The Services are solely and exclusively for Licensee's internal use and benefit, and Licensee shall not use, or permit the Services to be used, for any illegal purpose or in any manner not expressly permitted by this Agreement. Licensee may not

Account: 30470195 Agreement: 3110473 Order: 25602531 DT: 176 Cl: BFLP Pg 1 of 5 DLicAgrG+ 05/13/20



use the Data in any way to improve the quality of data sold or contributed by Licensee to any third party. Licensee may not use the Services for resale or other transfer or disposition to, or use by or for the benefit of, any other person or entity, except that Licensee, as part of and in the ordinary course of its business and to support the primary business of Licensee, may use and distribute to its customers and prospective customers a limited amount of Data directly related to the type and extent of the customer relationship between such customer and Licensee; provided, however, that Licensee may not use or distribute the Data in any way which could cause the information so used or distributed, in Licensor's sole good faith judgment, to be a source of or substitute for the Data otherwise supplied by, or available from, Licensor or its affiliates, including but not limited to, in connection with portfolio valuation, correspondent broker, accounting, trustee, custodian, or similar services. Licensee may use the Data to carry out calculations and display the result (the "Resultant Data"), provided that the Data contained in the Resultant Data does not, in Licensor's sole judgment, remain identifiable or readily extractable. Except as authorized in this Agreement or a Schedule, Licensee shall not permit the Data to be distributed, published, copied, broadcasted, reproduced, ported, stored in databases that may be accessed by, or otherwise routed to, any third party

- (b) Notwithstanding anything to the contrary in this Agreement, Licensee may not use, transfer, distribute or dispose of the Data or Resultant Data in any manner that does or could compete with the business of Licensor or Licensor's affiliates. Notwithstanding the previous sentence, if Licensee's use, transfer, distribution or disposition of Data or Resultant Data, as the case may be, violates the prohibition on competition with the business of Licensor or Licensor's affiliates and such violation arises solely because Licensor or any of its affiliates has entered a business (i) in which Licensor or its affiliates was not engaged on the Effective Date of this Agreement and (ii) in which Licensee was engaged on the Effective Date of this Agreement, then for the first two years following the Effective Date of this Agreement, such use of the Data or Resultant Data in such business by Licensee, subject to the other restrictions on use set forth in this Agreement, shall not be deemed to be a competing use for the purpose of this paragraph. Licensee acknowledges that the Data were developed, compiled, prepared, revised, selected and arranged by Licensor, its affiliates and others (including certain information sources) through the application of methods and standards of judgment developed and applied through the expenditure of substantial time, effort and money and constitute valuable intellectual property and trade secrets of Licensor, its affiliates and such others. Licensee shall comply with all reasonable written requests made by Licensor, its affiliates or their respective suppliers to protect their and others' contractual, statutory and common law rights in the Data, and shall notify Licensor in writing promptly upon becoming aware of any unauthorized access to, or use of, the Data by any person or entity or of any claim that the Data infringe upon any copyright, trademark, or other contractual, statutory or common law rights.
- (c) Licensee shall only access the Services via methods authorized by Licensor in writing. The Services are solely for use on Licensee's own equipment and are provided without warranty as to compatibility, fitness or performance with such equipment, and Licensee shall bear all cost and responsibility for such equipment.
- (d) Licensee shall not use any of Licensor's or its affiliates' trademarks, trade names, or service marks (collectively the "Licensor Marks") in any manner without Licensor's prior written consent, and Licensee acknowledges that it has no ownership rights in and to the Licensor Marks. Notwithstanding the foregoing, Licensee shall identify Licensor as the source of Data distributed to customers permitted under this Agreement and in the manner specified by Licensor or its affiliates from time to time.
- (e) Notwithstanding any other provision of this Agreement, Licensor does not represent that the Services or anything created using the Services are appropriate or available for use in any particular location or for any or all purposes. Licensee shall not provide, and shall ensure that no Licensee Affiliate provides, any Services or anything created using the Services: (i) in any country and/or region with respect to which the United States maintains trade sanctions prohibiting the shipment or provision of services, goods, technology or software (a "Sanctioned Jurisdiction"); (ii) to, or for the benefit of, the government of a Sanctioned Jurisdiction or a person located in or normally resident of a Sanctioned Jurisdiction; (iii) if applicable, to any national of a Sanctioned Jurisdiction, wherever located; (iv) to anyone (A) on the Specially Designated Nationals and Blocked Persons List maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control (the "SDN List") or on the Foreign Sanctions Evaders List maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control (the "FSE List"), or (B) acting on behalf of or owned (directly or indirectly) or controlled by persons or entities on the SDN List or FSE List, (C) on the U.S. Department of Commerce's Denied Persons List, (D) on the U.S. Department of Commerce's Entity List, or (E) on or covered by any other U.S. government document that lists or otherwise identifies parties to which the U.S. restricts the shipment or provision of services, goods, technology or software (iv)(A)-(E), collectively, the "U.S. Prohibited Party Lists"); (v) to the extent applicable, for the purpose of transacting in, providing financing for, or otherwise dealing in prohibited equity or debt of (A) entities listed on the Sectoral Sanctions Identification's List maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control or on any other U.S. government document that identifies entities subject to similar sectoral sanctions (together "Sectoral Sanctions Lists"), or (B) entities owned or controlled by any entity on a Sectoral Sanctions List; or (vi) to anyone for any other purpose that would be prohibited under U.S. law, including, without limitation, nuclear, chemical or biological weapons proliferation.
- (f) Each time Licensee receives or uses the Services or anything created using the Services, Licensee shall be deemed to represent, warrant and covenant to Licensor and its affiliates that none of Licensee, any Licensee Affiliate, anyone acting on behalf of Licensee or any Licensee Affiliate, or anyone on whose behalf Licensee is acting, is: (i) located in or normally resident of, or the government of, any Sanctioned Jurisdiction; (ii) a national of a Sanctioned Jurisdiction that is, in such capacity, subject to sanctions prohibitions; (iii) on any U.S. Prohibited Party List; (iv) acting on behalf of or owned (directly or indirectly) or controlled by any person or entity on the SDN List or FSE List; (v) in contravention of law, using the Services or anything created using the Services in connection with transacting in, providing financing for, or otherwise dealing in prohibited equity or debt of entities listed on a Sectoral Sanctions List, or entities owned or controlled by any entity on a



Sectoral Sanctions List; or (vi) using the Services or anything created using the Services for any other purpose that would be prohibited under U.S. law, including, without limitation, nuclear, chemical or biological weapons proliferation.

- (g) Licensee shall, and shall cause each Licensee Affiliate to, comply with all applicable laws, rules and regulations in accessing or using the Services. Licensee shall be responsible for the acts and omissions of its employees and representatives as if they were Licensee's own acts and omissions.

5. Warranties and Limitations of Liabilities

- (a) Nothing in the Services shall constitute or be construed as an offering of financial instruments or as investment advice or investment recommendations (i.e., recommendations as to whether or not to "buy", "sell", "hold", or to enter or not to enter into any other transaction involving any specific interest or interests) by Licensor or its affiliates or a recommendation as to an investment or other strategy by Licensor or its affiliates. No aspect of the Services is based on the consideration of Licensee's individual circumstances, and data and other information available via the Services should not be considered as information sufficient upon which to base an investment decision. Licensor and its affiliates do not express an opinion on the future or expected value of any security or other interest and do not explicitly or implicitly recommend or suggest an investment strategy of any kind. The Services are not and shall not be construed as tax, accounting, legal or regulatory advice or opinions, or sufficient to satisfy any tax, accounting, legal or regulatory requirements. Licensee is solely responsible for the selection and use of appropriate parameters, inputs, models, formulas and data for meeting its tax, accounting, legal or regulatory requirements. Without limiting the foregoing, Licensee acknowledges and agrees that the Services may include indices, rates or other values (collectively, "Values") that could be considered 'benchmarks' under the EU benchmark regulation and/or similar regulation (collectively, "BMR") if used in a regulated manner and unless expressly agreed in writing by Licensor or an affiliate of Licensor and/or by any applicable third party administrator of such Values, Licensee shall not use such Values in any manner that could be construed as regulated 'use' as a benchmark under the BMR, including use to determine the value of financial instruments or to measure the performance of an investment fund for the purpose of tracking the return of such Value or of defining the asset allocation of a portfolio or of computing performance fees. LICENSOR AND ITS AFFILIATES MAKE NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SERVICES OR THE RESULTS TO BE ATTAINED BY LICENSEE OR OTHERS FROM THE USE OF THE SERVICES, AND THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. To the maximum extent permitted by law, Licensor and its affiliates, and its and their suppliers and third-party agents, shall have no responsibility or liability, contingent or otherwise, for any injury or damages (whether caused by negligence or otherwise) arising in connection with this Agreement, and shall not be liable for any lost profits, losses, punitive, incidental or consequential damages. The Data are derived from sources deemed reliable, but Licensor, its affiliates and its suppliers do not guarantee the correctness or completeness of the Data or other information furnished in connection with the Services. Licensor and its affiliates shall not be responsible for or have any liability for any injuries or damages caused by errors, inaccuracies, omissions or any other failure in, or delays or interruptions of, the Services, from whatever cause. Licensee is solely responsible for the selection of and use or intended use of the Services, the accuracy and adequacy of the Services and information used by it and the resultant output thereof. Licensee shall indemnify Licensor and its affiliates and hold them harmless and at Licensee's expense defend Licensor and its affiliates against any loss, claim, demand or expense (including reasonable attorneys' fees) arising in connection with the use of the Services by Licensee Enterprise. To the maximum extent permitted by law, it is agreed that the aggregate liability of Licensor and its affiliates arising in connection with this Agreement and the Services for damages, regardless of the form of the action, shall not exceed the fees paid under the Schedule(s) by Licensee for the Services during the six months immediately preceding the alleged injury or damage, and that this shall be Licensee's exclusive remedy. No party shall be liable to the other for any default resulting from force majeure, which shall be deemed to include any circumstances beyond the reasonable control of the party or parties affected. No action, regardless of form, arising out of or pertaining to any of the Services may be brought by Licensee more than one (1) year after the cause of action has accrued. Licensor and its affiliates shall not be liable for any claim or demand against Licensee Enterprise by a third party.
- (b) Notwithstanding any limitations contained in paragraph 5(a) of this Agreement to the contrary, Licensor shall indemnify Licensee and hold it harmless and at Licensor's expense defend Licensee against any claim that the Services provided by Licensor hereunder infringe any copyright, trademark or other intellectual property rights; provided that (i) Licensee promptly notifies Licensor in writing of the claim, (ii) Licensor shall have sole control of the settlement and defense of any action to which this indemnity relates, (iii) Licensee cooperates in every reasonable way to facilitate such defense, and (iv) if Licensee becomes aware of any suspected infringement by a third party of any proprietary rights of Licensor, Licensee shall promptly notify Licensor of such activities. Notwithstanding anything to the contrary in this paragraph 5(b), Licensor shall not indemnify Licensee for any claim to the extent it arises from or in connection with any (w) additions, changes or modifications to the Services that were not made by Licensor or its affiliates, (x) incorporation of the Services into any product or service not provided by Licensor or its affiliates, (y) breach or non-compliance with the terms of this Agreement or (z) third party with whom Licensee has a direct agreement.
- (c) Licensor and its affiliates are not responsible for the reliability or continued availability of the communication lines and equipment used by Licensee in accessing the Services.

6. Remedies

The parties acknowledge that an actual or threatened breach of this Agreement by Licensee or any of its employees, representatives or affiliates would cause irreparable harm to Licensor that could not be adequately relieved by monetary damages

Account: 30470195 Agreement: 3110473 Order: 25602531 DT: 176 Cl: BFLP Pg 3 of 5 DLicAgrG+ 05/13/20



only. The parties therefore intend and agree that if such actual or threatened breach occurs, Licensor shall be entitled to injunctive relief to enforce the provisions hereof, but nothing herein shall preclude Licensor from pursuing any action or other remedy for any actual or threatened breach of this Agreement, all of which shall be cumulative. If Licensor prevails in any such action, Licensor shall be entitled to recover from Licensee all reasonable costs, expenses and attorneys' fees incurred in connection therewith. The distribution by Licensee of information identical or similar to the Data and from which distribution Licensee derives or may derive commercial revenue shall be deemed a breach of the terms of paragraphs 4(a)-(b) hereof.

7. Parties

Licensee recognizes that Licensor, its affiliates, its partners, suppliers and their respective affiliates, each have rights with respect to the Services. Paragraphs 5 and 6 of this Agreement shall be for the benefit of Licensor, its affiliates, its partners, suppliers, and their respective affiliates, successors and assigns. Notwithstanding the forgoing, this Agreement may be varied or terminated without the consent of any third-party beneficiary.

8. Access and Audit

- (a) Licensor and its affiliates may, in accordance with this paragraph, audit the Licensee Enterprise's premises, computers (including but not limited to, hardware, software, network services) and personnel for the purpose of determining the Licensee Enterprise's compliance with this Agreement and use of the Data and the Resultant Data. Any on-site auditing or access by Licensor or its affiliates shall be during normal business hours under the supervision and control of Licensee's designated personnel and subject to Licensee's reasonable and standard security procedures provided in writing to Licensor; provided, however, that such control and procedures shall not frustrate the purpose of (or the ability to conduct) the full audit. Upon Licensor's request, Licensee shall arrange for personnel with sufficient knowledge of and expertise of Licensee Enterprise's use of the Services and Resultant Data to provide a demonstration of such use of, and the permissioning of access to, the Services and Resultant Data in the live, production environment(s) for observation by Licensor and its affiliates. Licensor and its affiliates shall not conduct more than one on-site audit in a calendar year unless Licensor suspects, in its good faith judgment, that Licensee has breached this Agreement, in which event Licensor and its affiliates may conduct additional on-site audits.
- (b) Licensee shall, upon request no more than once per year and at the end of the Term, provide to Licensor a certificate signed by an authorized person knowledgeable about Licensee Enterprise's use of the Services and Resultant Data and acceptable to Licensor confirming that Licensee Enterprise is in full compliance with this Agreement.
- (c) If an audit reveals Licensee to be in breach of the Agreement, including using the Services, or Resultant Data in a manner not specifically authorized, without prejudice to any other rights and remedies available to Licensor, Licensor shall have the right to terminate this Agreement or one or more Schedules.

9. Archiving of Data

Upon termination of this Agreement or a Schedule for any reason whatsoever, all rights granted to Licensee to use the Services under the Agreement or the relevant Schedule (as applicable) shall terminate and Licensee shall immediately (a) cease using all Services and (b) delete and purge any and all Data and software provided by Licensor, including any copies thereof, from any System (as defined below) except that: (i) Licensee shall not be required to delete, purge or cease any permitted use of Resultant Data, and (ii) Licensee may store or archive the Data only as necessary to comply with internal audit and regulatory requirements, provided Licensee does not otherwise use the Data. Licensee shall provide Licensor with evidence satisfactory to Licensor of all such deletions, purges and cessation of use. "System" shall include without limitation any software, hardware or other equipment or services used by Licensee to receive, store, analyze, manipulate or process the Data or Resultant Data.

10. Additional Data

- (a) "Additional Data" means data and information sourced from exchanges and other third-party information providers (other than Licensor or its affiliates), in each case that is included in Data.
- (b) Licensee shall obtain all necessary authorizations from and comply with all restrictions and requirements regarding use, display, distribution or otherwise imposed by Additional Data providers (as such restrictions and requirements may change from time to time) with respect to Additional Data. Licensee acknowledges that, among other requirements imposed by Additional Data providers, Licensee may be required to: (i) enter into separate agreements with Additional Data providers to (x) receive access to such Additional Data, (y) use such Additional Data in applications, and/or (z) create and/or distribute Resultant Data using Additional Data; (ii) provide Licensor and/or Additional Data providers with reports on Licensee's use of such Additional Data; and/or (iii) permit Additional Data providers to audit Licensee's use of the provider's Additional Data. Licensee understands that Additional Data providers may choose at any time to limit, suspend or terminate the availability of Additional Data in the Services and that Licensor or its affiliates shall not be responsible for or have any liability therefor.
- (c) Licensee shall pay for each third-party information service it receives through the Services, including, without limitation, all fees charged by Additional Data providers for access to Additional Data (which they may charge on the basis of each computer, user or other factor(s) as set by such Additional Data providers and varied by them from time to time) and any termination charges.
- (d) Licensee hereby understands that Licensor and its affiliates may be required by Additional Data Providers to disclose certain information concerning Licensee's use of Additional Data, and Licensee hereby consents to the disclosure of such information. If an Additional Data provider requests information concerning Licensee's use of its Additional Data, Licensee



further consents to Licensor and its affiliates disclosing to such Additional Data provider contact information of the signatory(ies) of this Agreement and/or Licensor's current contact at Licensee who is responsible for Licensee's use of Data.

11. **Miscellaneous**

- (a) Licensor reserves the right at any time to disable Licensee's electronic requests or to cease providing the Services to Licensee in order to protect the integrity and security of Licensor's network.
- (b) Licensor and its affiliates shall have the right at any time to make changes, enhancements, or upgrades to the Services and Licensee shall take all reasonable steps to maintain compatibility with the Services.

12. **Assignment**

Licensee shall not assign this Agreement or any of its rights hereunder without Licensor's consent.

13. **Complete Agreement; Modifications or Waivers; Electronic Signature; Inquiries**

This Agreement, together with the Schedule(s), which are incorporated herein by reference, is the complete and exclusive statement of the agreements between the parties with respect to the subject matter hereof and supersedes any oral or written communications or representations or agreements relating thereto. No changes, modifications or waivers regarding this Agreement shall be binding unless in writing and executed by the parties. This Agreement, including any Schedules, and any modifications, waivers or notifications relating thereto, may be executed and delivered by facsimile, electronic mail, or other electronic means, including via a website designated by Licensor by completing the procedures specified on that website, and any such execution shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if executed manually. Licensee agrees that it has the ability to store the information delivered to Licensee electronically such that it remains accessible to Licensee in an unchanged form. For inquiries, please contact Bloomberg L.P., operating agent of Bloomberg Finance L.P., at 731 Lexington Avenue, New York, NY 10022, Telephone: (212) 318-2000, Facsimile: (917) 369-5540, or any successor operating agent or other party as specified by Bloomberg Finance L.P. from time to time.

14. **Validity**

If any provision of this Agreement shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected and shall be valid and enforceable to the fullest extent permitted by law. The Agreement shall be reformed to the minimum extent necessary to correct any invalidity while preserving to the maximum extent the rights and commercial expectations of the parties. The headings in this Agreement are intended for convenience of reference and shall not affect its interpretation.

15. **Governing Law**

This Agreement shall be governed by and construed in accordance with the laws of the United States and the State of New York regardless of the substantive law that might otherwise govern under applicable choice-of-law principles. The parties hereto, their successors and assigns, agree to submit to the exclusive jurisdiction of the federal and state courts located in New York County, New York in connection with any matters arising out of or relating to this Agreement and waive all objections to the selection of such venue or to such courts' assertion of jurisdiction over the parties regarding such matters, including without limitation on the grounds of forum non conveniens and sovereign immunity.

Agreed to by:
MINISTERIO DE HACIENDA DE CHILE
Company Name

Agreed to by:
BLOOMBERG FINANCE L.P.
By: BLOOMBERG (GP) FINANCE LLC,
General Partner


Signature (Duly authorized signatory, officer, partner or proprietor)

Signature of Authorized Signatory

FRANCISCO MORENO GUZMÁN
Name (Please type or print)

UNDER SECRETARY OF FINANCE
Title (Please type or print)

October 15th, 2020
Date

Date

The following are trademarks and service marks of Bloomberg Finance L.P., a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved. 3735765.19



BLOOMBERG DISASTER RECOVERY SCHEDULE OF SERVICES

SERVICE PROVIDER ("SP"): BLOOMBERG FINANCE L.P.
SERVICE RECIPIENT ("SR"): MINISTERIO DE HACIENDA DE CHILE

ORDER DATE: 6-Oct-2020

ACCOUNT No: 30284074
ORDER No: 25631690

SERVICE RECIPIENT ADDRESS:
MINISTERIO DE HACIENDA DE CHILE
AV LIBERTADOR BERNARDO OHIGGINS 1315
PISO 5 OFFICINA 50
SANTIAGO
(City) (State/Province) (Postal Code)
Chile

BILLING ADDRESS:
MINISTERIO DE HACIENDA DE CHILE
TEATINOS 120
PISO 6
SANTIAGO
(City) (State/Province) (Postal Code)
Chile

USER CONTACT:
RICARDO CASTILLO +56-9-9506-309

BILLING CONTACT:
JOHANNA QUITRAL 56228282347

SP and SR are parties to a Bloomberg Agreement or a Bloomberg Acknowledgment and Agreement No. **1014237** (the "Agreement"). The Agreement sets forth the terms and conditions under which SP provides the Services to SR. Capitalized terms used but not defined herein shall have the meanings stated in the Agreement. This Schedule of Services (this "Schedule") is a part of the Agreement and is expressly incorporated by reference therein.

TERMS AND CONDITIONS

- Disaster Recovery License.** The term "Services" in the Agreement shall include expanded access to the BLOOMBERG TERMINAL® service during a disaster event (the "DR Services"). The DR Services are made available to SR and, as applicable, all other entities in SR's Firm, covering all subscriptions for the BLOOMBERG TERMINAL service within SR's Firm. As used in this Schedule, the term "Firm" refers to all of the legal entities that (i) have subscribed, or shall during the Schedule Term (as defined below) subscribe, for the BLOOMBERG TERMINAL service under a Bloomberg Agreement or a Bloomberg Acknowledgment and Agreement with SP or its affiliate (each, an "Affiliate Agreement") and (ii) share SR's Bloomberg "Firm" number. SR's Firm may include multiple legal entities and business lines within SR's organization. The DR Services shall be provided to entities in SR's Firm under the Agreement or the applicable Affiliate Agreement(s), and the DR Services shall be considered Services thereunder. If an Affiliate Agreement is a Bloomberg Acknowledgment and Agreement, the DR Services shall be "User Services" as defined therein. If SR or any member of SR's Firm previously subscribed for fixed "disaster recovery" subscriptions to BLOOMBERG TERMINAL service, such subscription is hereby terminated and the services provided in connection with such subscription shall be replaced by the DR Services provided hereunder.
 - Administration and Transaction Product Functionality.** (a) If SR has established, or shall establish, one or more administrators (each, an "Administrator") to use the APOD<GO> function (or any successor function, "APOD") to enable personnel who are Bloomberg Anywhere users to remotely access, via a Bloomberg Access Point on Demand, transaction products including electronic trading, order routing and portfolio and order management functions, and products and services of Bloomberg Tradebook (collectively, "Transaction Products"), then SR acknowledges and agrees that each Administrator shall have the authority to act as an administrator hereunder with respect to the DR Services, including without limitation (i) to designate the individual users or groups of users within SR's Firm affected by a disaster event, (ii) to request the initiation and/or cessation of the DR Services and (iii) during the pendency of any expanded access to the Services via the DR Services, to manage APOD restrictions on access to Transaction Products.
(b) Without limiting the foregoing, SR authorizes SP and its affiliates to accept from Administrators all directions permitted by SP and its affiliates in connection with the DR Services and this Schedule. Notwithstanding the foregoing or any other provision of this Schedule to the contrary (i) SR authorizes SP and its affiliates to accept all directions permitted by SP in connection with the DR Services and this Schedule from any representative of SR's Firm that SP or its affiliate believes in its good faith judgment has authority to bind SR and/or SR's Firm and (ii) SP and its affiliates may refuse to implement a direction from an Administrator or any other person if SP (or its affiliate) is unsure in its good faith judgment as to whether the person delivering the direction has the authority to do so.
- Fees.**
(a) The monthly fee for the DR Services (the "DR Services Fee") shall be \$35 per non-Bloomberg Anywhere subscription for the BLOOMBERG TERMINAL service licensed by SR's Firm (together, the "Covered Terminals"). Notwithstanding the foregoing, if as of the end of any month the number of Covered Terminals shall be 300 or more, the DR Services Fee for such month shall be \$20 per Covered Terminal.



- (b) The DR Service Fee shall be calculated monthly and billed contemporaneously with the applicable Covered Terminals. The amount of the monthly DR Service Fee shall be calculated by SP based on the number of Covered Terminals as of the last day of the immediately preceding month. The DR Services Fee shall be allocated pro rata among the Affiliate Agreements on the basis of the number of Covered Terminals maintained thereunder and shall be payable in US dollars except as otherwise provided in any applicable Affiliate Agreement.
- (c) All applicable taxes, including, without limitation, sales tax, VAT, GST and similar taxes shall be in addition to the charges for the DR Services and shall be the responsibility of SR. If SR is tax-exempt, a copy of the State/Foreign Tax Exempt Certificate must be submitted upon signing this Schedule. To the extent permitted by law, SP may send and SR agrees to receive invoices via electronic mail.

4. Term and Termination.

- (a) The initial term of this Schedule (the "Schedule Term") is from the date this Schedule is accepted by SP (the "Effective Date") to the second anniversary of that date, unless earlier terminated during the Schedule Term or any renewal thereof, as follows: (i) SR shall have the right to terminate this Schedule at any time upon not less than 60 days' prior written notice to SP and upon payment of all charges set forth in paragraph 3 of this Schedule through the date of termination; and (ii) SP shall have the right to terminate this Schedule and/or suspend SR's use of the DR Services at any time if SR breaches any of the provisions of this Schedule or the Agreement.
- (b) The Schedule Term shall be automatically renewed for successive two-year periods unless SR or SP elects not to renew by giving not less than 60 days' prior written notice to the other. If this Schedule is so renewed for any additional period beyond the initial Schedule Term, the charges payable pursuant to paragraph 3 for such renewal period shall be calculated at the prevailing rates then offered by SP, and this Schedule shall be considered to be amended accordingly.
- (c) This Schedule or any portion of the Services provided under this Schedule shall automatically terminate upon termination of the Agreement and each of the Affiliate Agreements. Upon any termination of this Schedule, SR shall be liable for all amounts payable pursuant to paragraph 3 through the date of termination.

5. Miscellaneous.

- (a) SR represents, warrants and covenants to SP and its affiliates that: (i) each Administrator has and will maintain the authority to issue directions and to perform the functions of an Administrator with respect to the DR Services; (ii) SR will be responsible for the acts of the Administrator(s); (iii) SR and each other entity in SR's Firm is and will remain in compliance with, as applicable, the Agreement and any other agreements applicable to SR's Firm's use of the Services; (iv) SR is duly authorized by all necessary organizational action to bind all other entities in SR's Firm and to appoint Administrators for such entities; (v) the person whose name and signature appears below is duly authorized by all necessary organizational action to appoint Administrators and to execute and deliver this Schedule; and (vi) SR will notify Bloomberg of any change in the status of any Administrator.
- (b) SR acknowledges and agrees that SP may delegate certain of its responsibilities, obligations and duties under or in connection with this Schedule, the Agreement and any other schedule or addendum related to the Agreement to a third party or an affiliate of SP, which may discharge those responsibilities, obligations and duties on behalf of SP. The DR Services are provided by Bloomberg Finance L.P. except as set forth on the login page of the BLOOMBERG TERMINAL service. SR acknowledges that SP or its applicable affiliate(s) shall have the right to send invoices for the DR Services to the applicable members of SR's Firm based on the location of the underlying BLOOMBERG TERMINAL service subscriptions.
- (c) By written notice to SR, SP may amend this Schedule to comply with applicable law, for regulatory reasons, to add or modify the parties to this Schedule or to provide additional services, and SR's use of the DR Services after such notice shall be deemed SR's acceptance of the amendment.
- (d) This Schedule, including any amendments, modifications, waivers or notifications relating thereto, may be executed and delivered by facsimile, electronic mail or other electronic means, including via a website designated by SP by completing the procedures specified on that website. Any such facsimile, electronic mail transmission or communication via such electronic means shall constitute the final agreement of the parties and conclusive proof of such agreement, and shall be deemed to be in writing and to have the same effect as if signed manually. SR agrees that it has the ability to store the information delivered to SR electronically such that it remains accessible to SR in an unchanged form.
- (e) If there are any inconsistencies between this Schedule and the Agreement or any Affiliate Agreement with respect to the DR Services, this Schedule shall govern.



Agreed to by:
MINISTERIO DE HACIENDA DE CHILE

Company Name



[Handwritten Signature]



Signature (Duly authorized signatory, officer, partner or proprietor)

FRANCISCA MIREN GUZMAN

Name (Please type or print)

Under Secretary of Finance

Title (Please type or print)

October 15th, 2020

Date

Agreed to by:
BLOOMBERG FINANCE L.P.

By: BLOOMBERG (GP) FINANCE LLC,
General Partner

Signature of Authorized Signatory

Date

The following are trademarks and service marks of Bloomberg Finance L.P., a Delaware limited partnership, or its subsidiaries: BLOOMBERG, BLOOMBERG ANYWHERE, BLOOMBERG MARKETS, BLOOMBERG NEWS, BLOOMBERG PROFESSIONAL, BLOOMBERG TERMINAL and BLOOMBERG.COM. Absence of any trademark or service mark from this list does not waive Bloomberg's intellectual property rights in that name, mark or logo. All rights reserved. 600380176.9

