FACULTAD ECONOMÍA Y NEGOCIOS
UNIVERSIDAD DE CHILE

maria magdalena gandolfo gandolfo

Firmado digitalmente por maria magdalena gandolfo gandolfo
Fecha: 2023.02.01 18:05:28 -03'00'

AUTORIZA TRATO DIRECTO, PARA LA CONTRATACIÓN DEL SERVICIO BLOOMBERG TERMINAL, CON EL PROVEEDOR BLOOMBERG FINANCE L.P, POR LAS RAZONES QUE INDICA Y APRUEBA CONTRATO DE PRESTACIÓN DE SERVICIOS CON EL MENCIONADO PROVEEDOR.

RESOLUCIÓN N°056.23

SANTIAGO, 11 de enero de 2023.

VISTOS:

Lo dispuesto en la Ley N.º 21.094 sobre Universidades Estatales; en el Decreto con Fuerza de Ley N.º 153 de 1981 y Decreto con Fuerza de Ley N.º 3 de 2007, que establece los Estatutos de la Universidad de Chile, ambos del Ministerio de Educación; en el Decreto Universitario N.º 906 de 2009, que establece las normas generales de organización y funcionamiento de las Facultades de la Universidad de Chile; en el Decreto con Fuerza de Ley N.º 1, del Ministerio de Hacienda, del 13 de diciembre de 2000, fija Texto Refundido, Coordinado y Sistematizado de la Ley N.º 18.575, Orgánica Constitucional de Bases Generales de la Administración del Estado; en la Ley N.º 19.880, que establece bases de los procedimientos administrativos que rigen los actos de los Órganos de la Administración del Estado; en el Decreto Supremo 180 de 1987 del Ministerio de Hacienda ; en la Ley N.º 19.886, de Bases sobre Contratos Administrativos de Suministro y Prestación de Servicios; en el Decreto Supremo N.º 250 de 2004, del Ministerio de Hacienda, que aprueba el Reglamento de la Ley N.º 19.886, de Bases Sobre Contratos Administrativos de Suministro y de Prestación de Servicios; en la Resoluciones N.ºs 7 de 2019 y 14 de 2022, de la Contraloría General de la República; en los Decretos TRA N.ºs 309/99/2022; 309/1699/2018 y 309/15/2021;

CONSIDERANDO:

1. Que, la Facultad de Economía y Negocios de la Universidad de Chile (la “Facultad”) ha fijado como su misión “Desarrollar y entrenar a líderes competentes con sólidos conocimientos y habilidades en Economía y Negocios, a través de sus programas de pregrado, postgrado y desarrollo ejecutivo, que sean capaces de sobresalir en Chile y el extranjero, crear y generar nuevo conocimiento relevante en los campos de la Economía y

los Negocios, y que contribuyan al desarrollo y competitividad del país dentro de un ambiente de rigor, excelencia académica y diversidad intelectual".

2. Que, para el logro de la misión precedentemente señalada, los Programas Académicos que imparte la Facultad, en el área de Pregrado, Postgrado y diplomas, hacen énfasis en la utilización de metodologías activas que permitan que los estudiantes apliquen los conocimientos adquiridos.

3. Que, por lo anterior, la Facultad requiere contratar, por un periodo de 24 meses, el software **BLOOMBERG TERMINAL** para su utilización por parte de académicos, alumnos de pregrado, postgrado y diplomas.

4. Que, de acuerdo con el Informe Técnico suscrito por el Director de la Escuela de Postgrado de la Facultad, y con el Memorándum firmado por el Decano, de fecha 30 de agosto de 2022, el software **BLOOMBERG TERMINAL** permite la interacción del estudiante de pregrado y postgrado con las finanzas y la gestión de las empresas. El uso de la plataforma permitirá a dichos estudiantes hacer uso de un laboratorio (Bloomberg) y el aprendizaje del mundo de la economía y las finanzas a través de una plataforma líder en el mercado laboral, la cual se ha transformado en un estándar que se encuentra presente en la mayoría de las compañías pertenecientes a la banca, banca de inversión, AFP y seguros, y empresas relacionadas, y que es utilizada por analistas financieros, analistas económicos, entre otros.

Bloomberg presenta, al menos, tres características únicas que justifican su contratación:

- **Uso inmersivo en Lab:** la docencia se verá mejorada dado que se contará con una plataforma inmersiva en términos de aprendizaje y uso de información.
- **Fuentes de Información:** a diferencia de otras plataformas, Bloomberg permite el acceso a una mayor variedad de fuentes de información, lo que permite tener una visión más amplia y en tiempo real del mercado.
- **Liderazgo mercado laboral:** plataforma líder en posicionamiento de mercado, lo que se ha traducido en un estándar dentro del mundo laboral.

5. Que, en consideración a lo señalado en el considerando anterior, la Facultad solicitó una cotización a la empresa **BLOOMBERG FINANCE L.P,** empresa estadounidense de asesoría financiera, software, data y media bursátil, con sede en 731 Lexington Avenue, 10022, Nueva York, propietaria del software **BLOOMBERG TERMINAL** que proporciona el acceso a los datos e índices mencionados anteriormente.

6. Que, de conformidad a la propuesta económica remitida por el proveedor **BLOOMBERG FINANCE L.P**, el valor total de los servicios a contratar por el periodo de 24

meses, considerando el reajuste aplicado a partir del 1° de enero de 2023, según se explica en el considerando 17 letra d), ascendería a un total de USD 212.640.- (doscientos doce mil seiscientos cuarenta dólares americanos), a un valor anual de USD 106.320 (ciento seis mil trescientos veinte dólares americanos), más IVA, el cual corresponde a un total de 4 licencias que permiten el acceso a 16 estaciones de trabajo Bloomberg.

7. Que, el servicio requerido no se encuentra disponible en el catálogo electrónico de convenio marco disponible en el Sistema de Información www.mercadopublico.cl, según da cuenta el certificado de búsqueda adjunto a la presente resolución.

8. Que, en virtud de lo expuesto, y dado que la referida contratación es una decisión académica estratégica de la Facultad, se ha decido contratar la licencia **BLOOMBERG FINANCE L.P**, a través de la modalidad excepcional de contratación y/o trato directo, siendo aplicable lo dispuesto en el artículo 38 de la Ley 21.094 sobre Universidades Estatales, en relación a lo señalado en el artículo 10 N° 7 letra k) del Reglamento de la Ley de Compras, que permite recurrir a este tipo de contratación: *"[...] cuando se trate de la compra de bienes o la contratación de servicios, incluida la contratación de créditos, que se requieran para la implementación de actividades o la ejecución de proyectos de gestión institucional, de docencia, de investigación, de creación artística, de innovación, de extensión o de vinculación con el medio de dichas instituciones, en que la utilización del procedimiento de licitación pública ponga en riesgo la oportunidad, la finalidad o la eficacia de la respectiva actividad o proyecto. En estos casos, las universidades del Estado, deberán establecer por medio de una resolución disponible en el Sistema de Información de Compras y Contratación Pública, los procedimientos internos que permitan resguardar la publicidad, la transparencia, la igualdad de trato y la no discriminación arbitraria en esta clase de adquisiciones y contratación de servicios"*.

9. Que, la Resolución Exenta Nº01150, de 19 de octubre de 2021, reglamenta la compra de bienes o servicios, mediante licitación privada o trato directo en los casos excepcionales que indica. En este caso, concurren las circunstancias que autorizan a acudir al trato directo por la causal del artículo 38 de la Ley N°21.094, conforme a lo dispuesto en artículo 2° de la citada Resolución Nº01150, según se detalla a continuación:

a) Se requiere la compra de bienes o servicios para la implementación de actividades relacionadas con la docencia e investigación.

b) Los bienes o servicios requeridos no se encuentren en el catálogo de convenios marco vigente que hayan sido adjudicados por la Dirección de Compra y Contratación Pública;

c) En estos casos, el procedimiento de licitación pública puede poner en riesgo el objeto y la eficacia del proyecto específico de que se trata, concurriendo las circunstancias excepcionales que son listadas en el literal e) del artículo 4, en este caso:

"3) Especialización ofrecida por un determinado proveedor en venta de bienes o servicios específicos y selectos".

"4) Adquisiciones de bienes o contratación de servicios ofrecidos en el extranjero, que se realicen por importación directa o mediante convenios extranjeros, sin perjuicio de la exclusión señalada en el inciso segundo del artículo 37 de la Ley Nº21.094 cuando se trate del suministro de bienes muebles".

10. Que, en relación con el primer requisito, cabe señalar que la referida contratación está destinada a la implementación de actividades académicas relacionadas con la docencia y la investigación.

En relación a la docencia, contribuye a la formación de los estudiantes de pregrado, postítulo y diplomas en el sentido de otorgarles la posibilidad de utilizar una plataforma de vanguardia en materia de análisis económico y financiero, a través de ella, los estudiantes, en sus diferentes asignaturas, podrán acceder información sobre cada tipo de activo y descarga de datos financieros de mercado, evaluación y gestión de inversiones, interacción contable, de finanzas y gestión de empresas.

En materia de investigación, **BLOOMBERG TERMINAL** aporta en la medida que otorga a los usuarios constante actualización de datos relevantes en materia de evaluación de casos y análisis de mercados, permitiendo acceso a información actualizada y al instante a estudiantes que se encuentren en procesos de investigación.

Por consiguiente, es posible concluir que la contratación responde a una decisión académica de carácter estratégico de la Facultad, decisión fundada en las actuales exigencias del mercado laboral y académico.

11. Que, en relación al segundo requisito, tal como se señaló en el considerando 7°, el servicio requerido no se encuentra disponible en el catálogo electrónico de convenio marco.

12. Que, por último, se cumple el tercer requisito dispuesto por la Resolución Nº01150, ya que, según se explica en el Informe adjunto, un proceso de licitación pública pondría en riesgo el objeto y eficacia de las actividades de docencia e investigación que deben implementarse a través de esta contratación, porque se trata de una contratación de

servicios ofrecidos en el extranjero, por una institución extranjera, realizada en atención a las características específicas del software ofrecido por el proveedor.

En efecto, tal como se detalla en el Informe adjunto, la Facultad decidió contratar software **BLOOMBERG TERMINAL** por ser una plataforma líder en el mercado laboral, con características únicas, que la convierten en la mejor opción en función de los objetivos de la Facultad.

En este sentido, sería ineficiente el mecanismo de la licitación pública dado que la contratación de la plataforma responde a una decisión académica de carácter estratégico a partir de la cual, el objetivo de la Facultad, consiste en fortalecer la formación de los estudiantes a través del uso de plataformas de vanguardia en materia de análisis económico, considerando los desafíos que impone la investigación académica y el mercado laboral en la actualidad.

Por lo anterior, la Facultad ha decidido entregar a los estudiantes una herramienta de conocimiento de datos, análisis e investigación a partir de **BLOOMBERG TERMINAL**, por ser una plataforma icono moderno de los mercados financieros, utilizada por los tomadores de decisiones más influyentes del mundo.

Considerando la decisión adoptada por la Facultad y sus fundamentos, un proceso de licitación pública sería ineficiente ya que **BLOOMBERG FINANCE L.P,** es la empresa propietaria del software **BLOOMBERG TERMINAL,** por lo que la suscripción a dicha plataforma solo puede efectuarse mediante la contratación directa de dicha empresa.

13. Que, de acuerdo a lo señalado en los artículos 51 y 10 N° 7 letra k), del Reglamento de la Ley de Compras, en relación a lo dispuesto en los artículos 36 y 38 de la Ley N°21.094, los tratos directos que se realicen para la contratación de servicios que se encuentran destinados a la ejecución de proyectos específicos o singulares de docencia, investigación o extensión no requerirán de un mínimo de tres cotizaciones de diferentes proveedores.

14. Que, la Facultad de Economía y Negocios cuenta con los recursos disponibles para la contratación de los servicios correspondientes a BLOOMBERG TERMINAL, por un periodo de 24 meses, por un monto de hasta USD 253.041,6.- (doscientos cincuenta y tres mil cuarenta y uno coma seis dólares americanos), incluido el impuesto IVA y gastos de transferencia, según consta en el Certificado de Disponibilidad Presupuestaria que se adjunta.

15. Que, debido a las particulares características de la contratación y a que la empresa que provee el servicio requerido corresponde a una entidad extranjera sin representación en Chile ni inscrita en el registro de proveedores del Estado, se hace imposible para esta

Facultad efectuar el proceso de compras a través del portal www.mercadopublico.cl, debiendo gestionarse en conformidad a lo establecido por el artículo 62 N° 6 del Decreto 250 de 2004 del Ministerio de Hacienda.

16. Que, en virtud de lo establecido en el artículo 63 del Reglamento de la Ley 19.886, la contratación de **BLOOMBERG TERMINAL** con el proveedor **BLOOMBERG FINANCE L.P**, se formalizó con fecha 9 de enero de 2023 mediante la suscripción del contrato que se aprueba mediante el presente acto. Para tal efecto, cabe hacer presente que la naturaleza jurídica del referido instrumento es la de un contrato de adhesión, cuyos términos y condiciones se encuentran contenidos en los documentos "Contrato Principal de Servicios de Bloomberg" *("Bloomberg Agreement")* y en el "Programa de Servicios de Bloomberg" *("Bloomberg Schedule of Services")*, los cuales se adjuntan y pasan a formar parte integrante de la presente Resolución.

17. Que, sin perjuicio de lo establecido en el contrato que se aprueba mediante el presente acto administrativo, las partes se sujetarán a las disposiciones de la Ley 19.886 y su Reglamento, y a los términos que se indican a continuación:

a) Que, el servicio a contratar incluye el acceso a 4 licencias con derecho a 16 estaciones Bloomberg Terminal.

Adicionalmente, el proveedor entregará a la Facultad, sin costo, monitores Bloomberg Terminal, teclados y materiales para branded del futuro laboratorio sumado a la opción de que Bloomberg publicite en prensa la contratación con la Facultad

b) Que, la contratación entrará en vigencia a partir de la total tramitación de la presente Resolución y se extenderá por un periodo de 24 meses contados desde la activación del servicio.

c) Que, el valor total de la contratación, por 24 meses, será por un monto de USD 212.640 .- (doscientos doce mil seiscientos cuarenta dólares americanos), más gastos de transferencia e impuesto al valor agregado, según el siguiente detalle:

Descripción	Monto mensual	Monto Anual
4 licencias con derecho a 16 estaciones Bloomberg.	USD 8.860	USD 106.320

Monto neto total 24 meses	USD 212.640
IVA	USD 40.401,6
Monto Total	USD 253.041,6

d) Que, los valores indicados en la letra c) corresponden a la cotización entregada por la Gerente de Relaciones de Bloomberg LP, mediante correo electrónico de fecha 11 de agosto de 2022, reajustados, a partir del 01 de enero de 2023, en un 9.65%, según lo indicado en correo de fecha de 19 de diciembre de 2022 de la misma representante de la empresa.

e) Que, el impuesto al valor agregado (IVA), correspondiente al 19% sobre el monto total contratado, debe ser enterado por la Universidad de Chile en arcas fiscales del país (SII) según la Ley N.º 21.210 que regula el IVA y que indica que este impuesto es aplicable a prestadores extranjeros no domiciliados ni residentes en Chile, pero que desde el extranjero prestan servicios en el territorio nacional. La Universidad de Chile es contribuyente de primera categoría, con actividades afectas a IVA y exentas y los contribuyentes de IVA están en la obligación de declarar y pagar el IVA aplicable a las transacciones al extranjero (Sujeto Responsable del Pago del Impuesto).

f) Que, para efectos del precio de la divisa que se utilizará para realizar la conversión, se aplicará lo prescrito en el artículo 20 de la ley N° 18.010, conforme al cual las obligaciones expresadas en moneda extranjera serán solucionadas por su equivalente en moneda chilena según el tipo de cambio vendedor del día del pago, que certifique un banco de la plaza.

g) Que, los servicios serán pagados trimestralmente, una vez que se encuentre totalmente tramitada la Resolución que lo apruebe.

h) Que, por tratarse de un proveedor extranjero, **BLOOMBERG FINANCE L.P** emitirá a favor de la Facultad, antes de efectuar el primer pago, una carta de crédito mediante la cual garantizará el fiel y oportuno cumplimiento del contrato por un monto equivalente al 5% de la contratación con una fecha de vencimiento igual o superior a 24 meses más 60 días hábiles a contar desde el inicio del servicio.

i) Que, sin perjuicio de lo señalado en la Ley 19.886 y su Reglamento, el término anticipado del contrato y las responsabilidades en caso de incumplimiento de las obligaciones de las partes, se sujetarán a lo dispuesto en el “Contrato Principal de Servicios de Bloomberg” *(“Bloomberg Agreement”),* especialmente en sus cláusulas 2°, 11° y 12°.

j) Que, la contraparte técnica será el Coordinador Administrativo de la Escuela de Postgrado.

18. Que, en atención a lo precedentemente señalado corresponde dictar el presente acto administrativo.

R E S U E L V O:

1) **AUTORÍCESE** la contratación, mediante la modalidad de trato directo, con el proveedor **BLOOMBERG FINANCE L.P** por un monto total de hasta USD 253.041,6 .- (doscientos cincuenta y tres mil cuarenta y un dólares americanos), lo que incluye USD 212.640.- (doscientos doce mil seiscientos cuarenta dólares americanos) por 24 meses de servicio, e impuesto al valor agregado, correspondiente al 19% sobre el monto total contratado (USD $ 40.401,6) el cual será pagado según se establece en el considerando 17 del presente acto administrativo, más gastos correspondientes a la transferencia electrónica.

2) **APRUÉBESE** el contrato de adhesión suscrito entre la Facultad de Economía y Negocios de la Universidad de Chile y el proveedor **BLOOMBERG FINANCE L.P**, con fecha 9 de enero de 2023 para la contratación del acceso a la plataforma **BLOOMBERG TERMINAL**, contenido en los documentos "Contrato Principal de Servicios de Bloomberg" *("Bloomberg Agreement")* y en el "Programa de Servicios de Bloomberg" *("Bloomberg Schedule of Services")* que se adjuntan a la presente Resolución y se entienden formar parte de esta.

   AUTORÍCESE el pago, a partir de la total tramitación del acto administrativo que aprueba el contrato, por un monto total de USD 212.640.- (doscientos doce mil seiscientos cuarenta dólares americanos), más gastos correspondientes a la transferencia electrónica al proveedor, según los datos de transferencia que más abajo se especifican:

Nombre del beneficiario	Bloomberg Finance LP
Nombre del banco	Bank of America
Dirección de Banco	100 W. 33rd ST, New York 10001
Cuenta corriente	94017-33396
ABA	026009593
Swift Code	BOFAUS3N
Moneda	Dólar Américano

3) **REQUIÉRASE** al proveedor garantizar el fiel y oportuno cumplimiento del contrato mediante carta de crédito, según se indica en el considerando 17 letra h) de la presente resolución.

4) **IMPÚTESE** el gasto correspondiente, al Título A, ítem 2.6 del presupuesto universitario vigente, con cargo al presupuesto de la Facultad de Economía y Negocios de la Universidad de Chile, y en lo sucesivo, los gastos que se materializarán con cargo a presupuestos universitarios de los años siguientes, se efectuarán de acuerdo con los recursos institucionales disponibles y aprobados según la normativa legal vigente.

5) **PUBLÍQUESE** la presente resolución junto a los antecedentes que la fundamentan, en el portal de compras públicas www.mercadopublico.cl.

ANÓTESE, COMUNÍQUESE Y ARCHÍVESE.

Signed by:Enrique Francisco Manzur Mo
Signed at:2023-01-31 16:58:12 -03:00
Reason:Apruebo este documento

Enrique Manzur Mobarec

ENRIQUE MANZUR MOBAREC
Vicedecano

Signed by:José Fernando De Gregorio
Signed at:2023-01-31 18:49:47 -03:00
Reason:Apruebo este documento

José Fernando De Gregorio Rebeco

JOSÉ DE GREGORIO
Decano

Signed by:Pedro Antonio Carrizo Polanco
Signed at:2023-01-31 15:27:07 -03:00
Reason:Apruebo este documento

Pedro Carrizo Polanco

PEDRO CARRIZO POLANCO
Director Económico y Administrativo

VRN/MJK
Distribución:
1. Contraloría Universidad de Chile
2. Dirección Económica y Administrativa-FEN
3. Unidad Jurídica-FEN

BLOOMBERG FINANCE L.P.
731 Lexington Avenue
New York, NY 10022

BLOOMBERG SCHEDULE OF SERVICES

SERVICE PROVIDER ("SP"): **BLOOMBERG FINANCE L.P.**
SERVICE RECIPIENT ("SR"): **UNIVERSIDAD DE CHILE** **ACCOUNT No:** **30558763**
DEPARTMENT: **ORDER DATE:** 3-Jan-2023 **ORDER No:** **26675993**

EQUIPMENT ADDRESS:
UNIVERSIDAD DE CHILE
DIAGONAL PARAGUAY 257
FACULDAD CIENCIAS ECONOMICAS Y ADMIN
SANTIAGO
(City) (State/Province) (Postal Code)
Chile

USER CONTACT:
FELIPE IBANEZ +56-2-2222-222

BILLING ADDRESS:
FACULTAD DE ECONOMIA Y NEGOCIOS DE
DIAGONAL PARAGUAY 257

SANTIAGO 8888888
(City) (State/Province) (Postal Code)
Chile

BILLING CONTACT:
MAURICIO JARA +56998895476

SP and SR are parties to a BLOOMBERG AGREEMENT, Number **3160187** (the "Agreement") which sets forth the terms and conditions under which SP provides to SR the Services described therein. Capitalized terms used but not defined in this Schedule have the meanings assigned to such terms in the Agreement. SR hereby subscribes for the Services listed below and SR agrees that the equipment address noted above shall be SR's primary location for using the Services.

QUANTITY	TYPE OF SERVICES/EQUIPMENT ORDERED	MONTHLY UNIT PRICE
4	Bloomberg Terminal	$ 2,215.00
	Total	$ 8,860.00
PO#		

TERMS AND CONDITIONS

1. Terms & Charges. (a) The Schedule Term begins on the first day Services are provided hereunder and shall end two years thereafter. Each Schedule Term automatically renews 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, and, in the case of non-renewal of Network Access and/or routers by SR, SR executing SP's then-current termination form(s). Charges payable during renewal periods will be at SP's prevailing rates as notified by SP to SR in advance, and this Schedule shall be deemed amended accordingly. This Bloomberg Schedule of Services (this "Schedule") shall automatically terminate upon termination of the Agreement. The fees set forth above commence the day of actual installation and shall be invoiced quarterly in advance. All amounts displayed on this Schedule are in U.S. dollars. All installations, upgrades, removals, relocations, conversions, equipment modifications and other changes related to the Services will automatically be charged at SP's prevailing rates, and SR will be invoiced accordingly.

(b) As part of the Services, SR may request the provision of (i) Network Access and/or (ii) routers. If Network Access and/or routers are provided to SR, the charges for such Network Access and/or routers are not guaranteed for the Schedule Term. Increases and/or discounts to such charges may be made on 90 days' prior written notice, and customer relocations may result in immediate price adjustments for such Network Access and/or routers. SR may terminate circuits or routers upon 90 days prior written notice to SP following SR's execution of SP's then-current termination form(s), provided that, for circuits, SR has maintained the circuit for at least 12 months after the installation of the circuit and has installed a replacement approved by SP. SR may use Network Access and/or routers only in connection with use of the Services and/or Additional Services described in the applicable Agreement or, at Bloomberg's sole discretion, in connection with any other services provided by SP or its affiliates to SR pursuant to any other agreement between SR and SP or its affiliates. SR may relocate routers upon 90 days' prior written notice to SP to a location approved by SP in advance. SP or any person designated by SP has authorization to disconnect SR's old circuits and facilities. Any extraneous wiring charges are not covered by SP.

(c) Upon termination of this Schedule or any portion of the Services provided under this Schedule at any time for any reason, SR shall pay any waived installation fees, early termination charges and any other fees imposed on SP by the provider of any Network Access. Circuit installation or upgrades do not affect the term of the Agreement.

2. Shared Network; Multiple Services. If this Schedule provides, or may from time to time provide, for a fee for Services calculated on the basis of a shared local network at the same physical location or multiple Services, then at such time as the network is no longer shared, or multiple Services are no longer accessed, the fee for Services shall be increased to the prevailing rate for Services provided on an unshared or single Service basis.



3. Miscellaneous. For inquiries, please contact Bloomberg L.P., operating agent of Bloomberg Finance L.P., at 731 Lexington Avenue, New York, NY 10022, via Telephone: (212) 318-2000 or via the Customer Service Center: https://service.bloomberg.com; or any successor operating agent or other party as specified by Bloomberg Finance L.P. from time to time. 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.

Agreed to by:
UNIVERSIDAD DE CHILE
Company Name

José Fernando De Gregorio
Firmado digitalmente por José Fernando De Gregorio
Fecha: 2023.01.06 15:19:59 -08'00'

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

José de Gregorio
Name (Please type or print)

Decano Facultad de Economía y Negocios - Universidad de Chile
Title (Please type or print)

06/01/2023
Date

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

Donna Valentino
Signature of Authorized Signatory

1/9/2023
Date

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BLOOMBERG FINANCE L.P.
731 Lexington Avenue
New York, NY 10022

BLOOMBERG AGREEMENT

SERVICE PROVIDER ("SP"): **BLOOMBERG FINANCE L.P.** **ACCOUNT:** **30558763**
SERVICE RECIPIENT ("SR"): **UNIVERSIDAD DE CHILE** **AGREEMENT:** **3160187**
(Company Name)

This Bloomberg Agreement (this "Agreement") is between **BLOOMBERG FINANCE L.P.** ("SP") and **UNIVERSIDAD DE CHILE** ("SR"). Capitalized terms used in this Agreement are defined in Annex A.

1. The Services. SR agrees to subscribe for the BLOOMBERG TERMINAL® service (the "BTS") and all items, software and Equipment provided under or described in the attached Schedule(s) (collectively, the "Services"). The Services are provided to SR on a nonexclusive and nontransferable licensed basis. This is a Services Agreement by means of which SP provides information and data from abroad. The act and action of using software and equipment is incidental to the main purpose of this Services Agreement. It is hereby understood that certain support services under the Agreement may be performed by Bloomberg Chile Limitada, a Chilean limited liability company.

2. Term and Termination. (a) The term of this Agreement (the "Term") begins on the date it is accepted by SP and ends when it is terminated in accordance with its provisions. The term of each Schedule (a "Schedule Term") is two years, beginning when Services are first provided thereunder. This Agreement or any Schedule may be terminated (i) by SR upon not less than 60 days' prior written notice to SP and (ii) by SP upon written notice to SR if SR breaches this Agreement. This Agreement may also be terminated by SP if no Schedules remain in effect hereunder. All Schedules terminate automatically upon termination of this Agreement.

(b) Each Schedule Term automatically renews 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. Charges payable during renewal periods will be at SP's prevailing rates as notified by SP to SR in advance, and each Schedule shall be deemed amended accordingly. Upon termination of this Agreement or any Schedule, the SP Group may remove Equipment at SR's expense. In addition, upon such termination, SR shall cease use of all terminated Services and Equipment.

(c) Upon termination of this Agreement for any reason whatsoever, SR shall (i) use its best efforts promptly to delete or purge all copies of the Items from all Systems (or effectively do so in a way that such Items cannot be accessed or used by any person) and (ii) immediately cease using all Items. SR may continue uses of Resultant Information permitted hereby following termination of this Agreement. Upon SP's request, SR shall provide SP with evidence satisfactory to SP of all required deletions, purges and cessations. Unless otherwise required by Suppliers of Additional Information or specifically required pursuant to the Agreement (A) SR shall not be required to cease using, delete or purge Information that is contained in Reports generated in compliance with paragraph 5(e) prior to termination, (B) SR shall not be required to cease using, delete or purge any SR-Developed Applications that are modified so that they do not accept the Information or Resultant Information as inputs and are not derived from, contain elements of, or use intellectual property contained in, the Materials and (C) SR may archive Information only as necessary to comply with regulatory or internal audit requirements, provided that such Information is made available only to Related Persons who are compliance officers, information technology professionals, legal professionals and accounting professionals of SR and only to the extent necessary for such purposes and requirements. At any time following termination, if SR finds any items on any of its Systems that were not deleted or purged in compliance with this paragraph, SR shall at that time promptly delete or purge such items. If, at any time during the Term, any Authorized Computer ceases, for any reason, to be an Authorized Computer, this paragraph shall apply to all Information and Resultant Information on any such Authorized Computer.

3. Charges. (a) SR agrees to pay the fees and charges set forth on each Schedule together with: (i) any applicable taxes for the Services; (ii) any fees or charges for Additional Information requested or ordered by SR (as such fees and charges may be changed from time to time, "Additional Information Fees"); (iii) any charges for installation, relocation, removal or any other changes to the Services; and (iv) any fees for additional functionality or software made available through the Services at SR's request, all of which shall be payable upon presentation of an invoice therefor.

(b) SR agrees that Additional Information Fees may be charged by Suppliers of Additional Information based on SR's access to and/or use of Additional Information, including on the basis of each computer, user or other factor (as set by such Suppliers) and that the basis of charging and amount of such fees may change upon notice. To the extent permitted by law, SP may send and SR agrees to receive invoices via electronic mail. If SR is tax-exempt, SR has previously delivered to SP a copy of SR's State/Foreign Tax Exempt Certificate.

(c) If this Agreement is terminated pursuant to paragraph 2(a)(i) or 2(a)(ii), SR shall pay all amounts due under paragraphs 3(a) and 3(b) through the date of termination plus a termination charge equal to 50% of the charges calculated in accordance with each Schedule for the balance of the Schedule Term(s). If any Schedule or any portion of the Services is terminated, SR shall pay all amounts due under paragraphs 3(a) and 3(b) through the date of termination with respect to the terminated Schedule or Services plus a termination charge equal to 50% of the charges calculated in accordance with the applicable Schedule and/or Services for the balance of the applicable Schedule Term(s).

4. Using the Services. (a) The Services and Equipment may be used only as permitted hereunder, not for any illegal purpose, solely



for SR's internal business purposes, and only by SR and its Related Persons. SR shall ensure that all Related Persons comply with this Agreement and shall obtain from its Related Persons appropriate agreements regarding confidentiality and non-disclosure to prevent unauthorized disclosure and misuse during and after the Term. The Services may not be used for any development purposes or to develop any applications that could in any way interact or interfere with the performance of any part of the Services. SR acknowledges that the Services were developed, compiled, prepared, revised, selected and arranged by the SP Group and its respective Suppliers through the application of methods and standards of judgment developed and applied through the expenditure of substantial time, effort and money and constitute valuable industrial and intellectual property and trade secrets of the SP Group and its respective Suppliers. SR acknowledges and agrees that it has no ownership rights in or to the Services and that no such rights are granted to SR hereunder. During and after the Term, SR shall comply with all written requests made by the SP Group or its respective Suppliers to protect their rights in the Services. SR agrees to notify SP in writing promptly upon becoming aware of any unauthorized access or use by any person or entity or any claim that any portion of the Services infringes upon any copyright, trademark, or other rights.

(b) The Services may not be accessed through any means not authorized by SP, nor may any medium by which the Services are provided be reproduced, shared, broadcast or otherwise copied or moved with or to any other equipment without SP's prior written consent. SP Group shall have no responsibility for SR Equipment. None of the SP Group shall be responsible for any delay or any other failure in the Services caused by SR Equipment. SR shall not use any part of the Services in any manner that SP, in its sole good faith judgment, determines could interfere with the Services. The SP Group and its respective Suppliers shall have all rights provided by law to prevent unauthorized access or use and to collect damages in such event. Except as permitted herein, SR shall not share, recompile, decompile, disassemble, reverse engineer, or make or distribute any other form of, or any derivative work from, the Services.

(c) The SP Group may make changes, enhancements or upgrades to the Services and related software, materials, guidelines and services from time to time in its discretion. SR shall take all reasonable steps to maintain compatibility with the Services. SR may not distribute data to other users of the Services by means of the Services except as permitted by SP. The previous sentence is not intended to prohibit SR's use of the message system included in the Services.

5. Using the Information. (a) Except as otherwise expressly permitted in this Agreement, Information and related Resultant Information may be used only for the benefit of the particular BTS subscription through which such Information was initially received, and not for enterprise use. Re-routing of Information, Resultant Information and/or any portion of the Services from any Receiving Device to any other device or medium is prohibited. Information and Resultant Information may not be used as inputs into any non-user-based, non-display application (e.g., automated algorithmic trading applications). In no event will SR permit Information or Resultant Information to be used in any way not specifically authorized by SP.

(b) Bloomberg Anywhere. Bloomberg Anywhere (BBA) subscriptions are for individual use only and on one Receiving Device at a time. BBA Users may not access and/or use the BTS, Information or related Resultant Information on multiple devices simultaneously. Bloomberg Anywhere subscriptions may not be shared under any circumstances. Each BBA User shall access the Services only through (i) a standard unique BBA User login and password and (ii) a secure identification device, as required and provided by SP. All such secure identification devices shall be included in the term "Equipment." SR shall not permit Bloomberg Anywhere to be shared, switched or replicated between two or more persons or to be used to access the Services simultaneously from two or more devices, computers, workstations or locations. SR understands that (x) its Related Persons who are BBA Users may be able to access the Services via Receiving Devices located outside of SR's premises and (y) certain Bloomberg Anywhere functionality may differ based on the type of Receiving Device used. SR shall be responsible for all use of the Services by its Related Persons, regardless of where the Services are accessed. The Services, including Information received by a BBA User, all related Resultant Information created by such BBA User, and/or all such Information and related Resultant Information stored by such BBA User, are for the exclusive use of such BBA User. Except to the extent permitted by paragraph 5(e), BBA Users may not broadcast, redistribute, or otherwise move Information or Resultant Information to any person.

(c) Bloomberg Terminal. Bloomberg Terminal subscriptions are for use on a single Receiving Device. Each Terminal User shall access the Services only through (i) a standard unique Terminal User login and password and (ii) a secure identification device, as required and provided by SP. The Services, including all Information and Resultant Information, may only be used by Terminal Users on the Receiving Device associated with the applicable Bloomberg Terminal subscription, and may be stored only on the Receiving Device for such subscription. Except to the extent permitted pursuant to paragraph 5(e), Terminal Users may not broadcast, redistribute, or otherwise move Information or Resultant Information to, or use Information or related Resultant Information in any fashion on or by, any other device. Only one authorized Terminal User may access and/or use the BTS, any Information or related Resultant Information at any time.

(d) Downloaded Information. SR may receive certain Downloaded Information into Designated Authorized Computers of SR solely and exclusively for SR's internal business purposes on Designated Authorized Computers, including without limitation, as input to computer applications on such Designated Authorized Computers. Downloaded Information may not be used for resale or other transfer or disposition to, or use by or for the benefit of, any other person or entity. SR may use or access Downloaded Information only on or from the Designated Authorized Computer that received the Downloaded Information via the Services. In no event will SR permit any Downloaded Information to be reproduced, shared, broadcast or otherwise copied or moved to or used in any fashion on any device, display, application or printer or on any Authorized Computer other than the Designated Authorized Computer for such Downloaded Information. SR may store the Downloaded Information on the Designated Authorized Computer for such Downloaded Information, provided, however, that Authorized Computers, or users using such Authorized Computers, shall not access Downloaded Information that is being stored or used on a different Authorized Computer. For the avoidance of doubt, SR shall not store all or any



part of the Downloaded Information in databases for access by any Authorized Computers other than the Designated Authorized Computer for such data. SR may access the Desktop API only from Authorized Computers that are logged onto the BTS. As reasonably requested by SP, SR agrees to produce a report to SP listing the number of Authorized Computers per location and the unique address of each Authorized Computer and any other information reasonably requested by SP from time to time. SP may modify the amount and type of Information that it makes available via the Desktop API or other Services from time to time in its sole judgment.

(e) Use of a Limited Amount of Information; Display Requirements. In the ordinary course of its business, SR may use and disseminate a Limited Amount of Information or Resultant Information in published reports, whether in print or electronic form, to support the primary business of SR in (i) providing research for internal use or to its customers or (ii) making trade proposals (together, "Reports"); provided, however, that: (x) SR may not use or disseminate the Information or Resultant Information in any manner that could, in SP's sole good faith judgment, affect SP's ability to license the Information or cause the information so used or disseminated to be a source of or substitute for Information otherwise available from SP; (y) such use by SR of a Limited Amount of Information and/or Resultant Information shall not (I) result in or form any automated data validation or data verification activity whatsoever; (II) be part of a regularly scheduled or automated process; or (III) cause (or lead to) any Information or Resultant Information being streamed or broadcast; and (z) at no time shall any Information and/or Resultant Information be sold nor shall it be created, redistributed or delivered by any person other than the User that initially received such Information or generated such Resultant Information. When permitted to display or distribute Information, SR must identify such Information as follows: (A) any data contained in the Information contributed directly by SP must be identified as SP's data; and (B) any Additional Information contained in the Information shall be identified by the name of the Supplier or as otherwise required from time to time by the Supplier of such Additional Information. All Additional Information shall be displayed by SR in accordance with the rules of the relevant Supplier of such Additional Information. SR shall pass on all SP-provided system status messages to the Authorized Computers which are displaying any Information and Resultant Information.

(f) Materials. If SP or an affiliate provides any Materials to SR in connection with the Services, SR may use such Materials only (i) for its internal business purposes and (ii) internally to develop, modify or test SR-Developed Applications for SR's internal business use only in accordance with this Agreement and applicable SP policies (as they may be revised from time to time). SR shall not incorporate the Materials or any part thereof into SR-Developed Applications or use the Materials in any manner that would cause the Materials to become subject to any "open source license" that would impose obligations on the SP Group's use of the Materials or impair any rights of the SP Group thereto. SR may use SR-Developed Applications only for SR's internal business use in accordance with this Agreement and only to the extent such SR-Developed Applications (A) would not facilitate the breach of any agreement between SP and/or its affiliates and the user of such SR-Developed Application and (B) are otherwise consistent with relevant SP policies (as may be amended from time to time). SR may not under any circumstances distribute, disclose, transfer or otherwise make available the Materials, any SR-Developed Applications or any part thereof, to any third party. Except as expressly permitted herein, SR may not: (x) copy, adapt, recompile, decompile, disassemble, reverse engineer, or make or distribute, any other form of, or any derivative work created from, the Materials or any part thereof; or (y) modify, adapt, translate, rent, lease, loan, resell or network the Materials or any part thereof. If SR desires to have a third party develop software or applications on SR's behalf that accept the Information or Resultant Information as inputs, SR must ensure that such third party has entered into an appropriate third-party developer license with SP to obtain the necessary materials and to authorize such third party to perform such development on SR's behalf. If SR desires to obtain a limited functionality subscription to the BTS with limited access to data for development and internal monitoring purposes, SR must enter into an appropriate agreement with SP to obtain such development subscription. If SR desires to distribute SR-Developed Applications to any third party, SR must enter into an appropriate third-party developer license with SP that permits such distribution.

(g) Protections. Notwithstanding anything to the contrary herein, SR may not use, and may not permit or otherwise facilitate any third party to use, the Services, Information, any Resultant Information or related Resultant Information, or any portion thereof, in any way: (i) to improve the quality of data (including any data validation or data verification) provided in any manner by SR, any affiliate of SR or any other party to any third party; (ii) for any automated data validation or verification or (iii) in any manner that does or could compete with any business, product or service of SP or its affiliates including, but not limited to, any use that may: (x) result in the displacement of an existing subscription of, or the loss of a potential subscription by, a third party to the SP Group's information services including, without limitation, services with respect to Additional Information; (y) result in a reduction of SR's existing or potential subscriptions to the SP Group's information services, including but not limited to, the number of Authorized Computers or BTS subscriptions or licensees receiving the Information; or (z) prejudice the rights of SP, its affiliates or any sources of any part of the Information to exploit its respective portion of the Information. If SP believes in good faith that any business, service or product of SR competes with SP or its affiliates in the manner specified above, SP may terminate this Agreement, pursue any and all remedies in respect of such breach, and may require that SR immediately discontinue its use of the Information and Resultant Information and comply with the provisions of paragraph 2(c).

(h) Third-Party Additional Information. SR understands that (i) Suppliers of Additional Information may prevent or prohibit their Additional Information from being accessed at any time and (ii) SP may limit the quantity and/or type of Information made available as part of the Services. SR must comply with all requirements regarding use of Additional Information imposed by Suppliers of Additional Information (as such requirements may change from time to time), including without limitation any restrictions and requirements (x) set forth on or linked to the EIS<GO> function on the BTS or (y) contained in agreements between SR and Suppliers of Additional Information. SR hereby consents to the SP Group providing Suppliers of Additional Information data and information regarding SR's use of Additional Information. SR understands that Suppliers may choose at any time to inhibit or prohibit their information from being accessed via the Desktop API.



(i) Access Points. Access Points for any Bloomberg Anywhere subscriptions may be accessed only by Users of that subscription and access to any Bloomberg Anywhere subscription may not be shared with any person who is not a User with respect to such subscription. SR shall notify SP of the location of each Access Point upon SP's request. SP may remove or require SR to remove one or more Access Points for any Bloomberg Anywhere subscription that is terminated for any reason.

(j) Bloomberg Flat Panel. If SP provides SR one or more flat panel screens, SR agrees not to separate, unbolt, move, modify, interface, duplicate, redistribute or otherwise disconnect any such screens, or use any of the flat panel screens in a manner inconsistent with the terms of this Agreement. The access term for each flat panel screen shall be the same as that of the specific BTS subscription or Access Point to which it is attached.

6. Uploaded Data. Each time SR uses the Services, SR shall be deemed to represent and warrant to the SP Group that: (a) SR has all requisite right, power and authority and has obtained all requisite permissions, licenses and consents, and it is not a breach of any agreement to which SR is a party (in each case with respect to all Uploaded Data, including without limitation, the right, power and authority to make available Uploaded Data to SP Group, Related Persons and third parties) for any person to enable SP Group, Related Persons and third parties to receive, access, retrieve and/or use Uploaded Data, including for SP Group to provide, secure, manage, improve, and develop its services and products; (b) policies presented on the BTS shall be incorporated by reference as part of this Agreement; and (c) the Uploaded Data does not infringe any intellectual property, proprietary, privacy or other right of any person. If, upon SR's request or at the direction of a Related Person, SP or its Affiliated Companies provide any Uploaded Data to any person, SR agrees that such provision of Uploaded Data does not violate any obligation SP owes to SR. SR shall not upload to the Services, or permit any person to upload on behalf of SR, any Information or other data or information obtained in connection with any other product offered or made available by SP or its Affiliated Companies. SR authorizes SP Group to access, use, process, classify, track and/or analyze (which, in each case, may involve data identification, extraction, analytics tools and models) Uploaded Data in order to provide, secure, manage, improve and develop services and products of SP Group. If SR provides Uploaded Data in the form of prices or ratings to the SP Group or inputs or uploads prices or ratings into any product or service provided by the SP Group, SR hereby grants to the SP Group, and SP hereby accepts, a nonexclusive, worldwide license for the SP Group to use such prices or ratings in the SP Group's generic, "fair value," composite or theoretical prices or ratings, or other similar pricing or rating models, and in the development and distribution of the Services.

7. Warranties and Limitations of Liability. (a) Each time SR uses the Services, SR shall be deemed to represent, warrant and covenant to the SP Group that: (i) it has all requisite regulatory and legal authority to enter into and be bound by this Agreement; (ii) its use of the Services (including any Uploaded Data) complies with all applicable laws, rules and regulations; and (iii) its use of the Services (including any Uploaded Data) will not cause the SP Group to be in violation of any law, rule or regulation.

(b) 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 the SP Group or a recommendation as to an investment or other strategy by the SP Group. No aspect of the Services is based on the consideration of SR'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. The SP Group does not express an opinion on the future or expected value of any security or other interest and does not explicitly or implicitly recommend or suggest an investment strategy of any kind. The Services are not and shall not be construed as tax, legal, investment or accounting advice.

(c) SP Group makes no warranty, express or implied, as to results to be attained from the Services or the Equipment, and there are no express or implied warranties of merchantability or fitness for a particular purpose or use. None of the SP Group or their Suppliers guarantees or makes any representation as to the correctness or completeness of any part of the Services. To the maximum extent permitted by law, the SP Group shall not be responsible for or have any liability for any injuries, damages, delays or interruptions caused by the Equipment or the Services, from whatever cause, and shall not be liable for damages arising from the use or presence of the Equipment on SR's premises. SR is solely responsible for the accuracy and adequacy of the data and information used by it and the resultant output thereof.

(d) To the maximum extent permitted by law, none of the SP Group, its and their Suppliers and its and their third-party agents shall have any responsibility or liability whatsoever, contingent or otherwise, for any injury or damages, whether or not caused by the negligence of the SP Group or any of its and their employees, Suppliers, subcontractors, agents or vendors, arising in connection with the Services (however accessed) or the Equipment, including any data input by SR and SP Group, its and their Suppliers and its and their third-party agents shall not be liable for any lost profits, losses, punitive, incidental or consequential damages or any claim against SR by any other party.

(e) SP, to the best of its ability, shall maintain and keep the Equipment in good working order and condition so that it will perform its functions satisfactorily. Notwithstanding the foregoing, the SP Group shall have no responsibility or liability for the third-party communications network through which SR accesses the Services and SR shall indemnify the SP Group and hold them harmless against any loss arising in connection with the use of such third-party communications network. SR shall be responsible for the safekeeping of the Equipment from the time it is received on SR's premises and shall take reasonable steps to prevent abuse to the Equipment. SR shall be responsible for all physical loss, theft, or damage to any Equipment and shall pay SP the full replacement cost of the Equipment as liquidated damages unless such loss, theft, or damage is due entirely to the fault or negligence of SP. SP shall have all rights with respect to the Equipment provided by SP. To the maximum extent permitted by law, none of the SP Group, its or their Suppliers or third-party agents shall be responsible or liable, contingently or otherwise, for any personal injury or property damage arising out of the installation, relocation, maintenance, use or removal of the Services and/or the Equipment.



(f) Notwithstanding anything to the contrary in this Agreement, to the maximum extent permitted by law, the aggregate liability of SP and SP's Associated Persons hereunder or in connection with the Services or the Equipment shall not exceed the fees paid by SR for the Services during the three calendar months immediately preceding the first incurrence of damages by SR, and this shall be SR's exclusive remedy.

(g) No party shall be liable to the other for any default (other than payment default) resulting from *force majeure*, which includes 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 or the Equipment may be brought by SR more than one year after the cause of action has accrued. This Agreement shall not limit any liability for death or personal injury directly resulting from negligence if and to the extent such limitation would violate applicable law.

(h) In addition to the indemnification obligations set forth in paragraph 7(e) above, SR shall indemnify, hold harmless and at SR's expense defend SP, SP's Associated Persons against any Loss arising in connection with a breach of this Agreement by SR or in connection with (i) use of the Services (including any Uploaded Data) by SR or (ii) use of any services by SR that are related to the Services (including without limitation any Uploaded Data or App Portal) and provided to SR by any third party.

(i) Notwithstanding any limitations contained in paragraphs 7(b)-(h) to the contrary, but subject to SR's compliance with this Agreement, SP will indemnify, hold harmless and, at SP's expense, defend SR against any third-party claim that the Services provided by SP hereunder infringe any copyright, trademark or other intellectual property rights; provided that: (i) SR shall promptly notify SP in writing of the claim; (ii) SP shall have sole control of the settlement and defense of any action related to this indemnity; (iii) SR shall cooperate in every reasonable way to facilitate such defense; and (iv) if SR becomes aware of any suspected infringement by a third party of any proprietary rights of SP, SR shall promptly notify SP of such activities. Notwithstanding anything to the contrary in this paragraph 7(i), SP shall not indemnify SR for any claim to the extent it arises from or in connection with any: (A) App, App User Data or Uploaded Data; (B) additions, changes or modifications to the Services effected by any person other than a member of the SP Group; (C) incorporation of the Services into any product or service not provided by the SP Group; (D) use of the Services not in accordance with this Agreement; or (E) third party with whom SR has a direct agreement.

(j) SP shall attempt to resolve any inquiries of SR regarding Connectivity Services provided by SP to SR used in accessing SP's Services. Notwithstanding any provision in this Agreement or any Schedule, SP Group is not responsible or liable for the availability or reliability of any such Connectivity Services which SP Group secures from a third party or for any act or omission of such third party furnishing any elements or portions of such connectivity services. Unauthorized use of, access to or resale of such Connectivity Services is prohibited. SP GROUP MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH CONNECTIVITY SERVICES AND DISCLAIM ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE OF SUCH CONNECTIVITY SERVICES.

8. Compliance and Other Considerations.

(a) Reputational and Operational Considerations. SR represents, warrants and covenants to SP and its affiliates that none of SR or any person who acts on behalf of or at the direction of SR shall use (or enable others to use) the Services or anything created using the Services in connection with activities: (i) relating to nuclear, chemical or biological weapons proliferation, terrorism, corruption, undermining of democratic rights and government, money laundering, tax evasion or human rights violations, or other similarly egregious activities; or (ii) in, or for the benefit of, Crimea, Syria, Cuba, North Korea, or Iran (each, an "Excluded Jurisdiction").

(b) Economic Sanctions and Export Controls. Notwithstanding any other provision of this Agreement, SP 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. SR represents, warrants and covenants to SP and its affiliates that none of SR or any person who acts on behalf of or at the direction of SR shall use (or enable others to use) the Services or anything created using the Services in connection with activity: (i) in, or for the benefit of, any country or region with respect to which the United Nations, United States, European Union and/or United Kingdom (the "Sanctioning Authorities") maintains sanctions prohibiting all or substantially all shipment or provision of services, goods, technology or software (a "Sanctioned Jurisdiction"); (ii) to, or for the benefit of, the government of an Excluded Jurisdiction or a Sanctioned Jurisdiction or a person located in or normally resident of an Excluded Jurisdiction or a Sanctioned Jurisdiction; (iii) involving or benefiting a government or person whose assets a Sanctioning Authority has blocked or to which a Sanctioning Authority restricts the shipment or provision of services, goods, technology or software (a "Prohibited Party"); (iv) to the extent applicable, for the purpose of transacting in, providing financing for, or otherwise dealing in prohibited equity or debt of, or extending credit to, persons identified by (or owned or controlled, whether individually or in aggregate, by persons identified by) any Sanctioning Authority as being subject to sanctions prohibiting such activities; or (v) for any purpose that would be prohibited under the economic sanctions of any Sanctioning Authority. Each time SR receives or uses the Services or anything created using the Services, SR shall be deemed to represent and warrant to SP and its affiliates that none of SR or any person who acts on behalf of or at the direction of SR or any person on whose behalf SR is acting, is: (i) located in, normally a resident of, or the government of, any Excluded Jurisdiction or Sanctioned Jurisdiction; or (ii) a Prohibited Party.

9. Remedies. The parties acknowledge that a breach or threatened breach of this Agreement by any SR or any of its Related Persons would cause irreparable harm to SP that could not be adequately relieved by monetary damages only. The parties therefore intend and agree that if such breach or threatened breach occurs, SP shall be entitled to injunctive relief to enforce the provisions hereof, but nothing herein shall preclude SP from pursuing any action or other remedy for any breach or threatened breach of this Agreement, all of which shall be cumulative. If SP prevails in any such action, SP shall be entitled to recover from SR all reasonable costs, expenses and attorneys' fees incurred in connection therewith. As reasonable protection of the proprietary rights of SP and others in the information provided through the Services and Equipment, to avoid breach of SP's obligations to Suppliers of such



information, and to avoid unnecessary uncertainty, burden, and expense for all parties, SR acknowledges and agrees that the dissemination by SR of information identical or similar to that provided through the Services and the Equipment shall be deemed a breach of the Agreement and shall give rise to SP's immediate right to terminate this Agreement or any portion of the Services.

10. Parties. SR recognizes that the SP Group, its respective partners and Suppliers (including each of their affiliates), each have rights with respect to the Services, including the software, data, information and other items provided in connection with or by reason of SR's use of the Services, and the protections of this Agreement shall be for the benefit of all of such persons and their respective affiliates, successors, assigns, officers, directors, employees and representatives.

11. Facilities. Provision of the Services is contingent on the availability of the hardware, network access, connectivity services, communications equipment and facilities to SP's specifications. At SR's expense, SR shall install or have installed on SR's premises, and shall modify from time to time at SP's request, all cables, wires, devices, connections or other transmission media equipment and electrical, communications and network connections specified by SP. SR shall not make use of any software, cables, wires, devices, connections, connectivity, equipment or network access in connection with the Services not approved in writing by SP. Installed Equipment shall not be relocated by any person without SP's consent. On reasonable prior written notice from SR, which shall in no event be less than 60 days, and at SR's expense, SP shall relocate Services and/or Equipment at SR's request. Scheduling of such relocation shall be contingent on availability of communication lines, facilities, equipment and labor. SR acknowledges that interruptions of Services might result from such relocation and that the limitations of SP's liability in paragraph 7 shall apply to any such interruption. Any person designated by SP shall have access to the Equipment at all reasonable times for the purposes of installation, inspection, maintenance, repair, relocation and removal.

12. Monitoring and Audit. (a) The SP Group may monitor, either physically or electronically (including remotely), SR's use of the Services. Suppliers of Additional Information may monitor, either physically or electronically, SR's use of applicable Additional Information. Monitoring may include monitoring of SR's requests for Information for purposes of verifying SR's compliance with this Agreement and maintaining and improving SP's provision of Services, including without limitation for purposes of troubleshooting, maintenance, data management, information security, capacity planning and service improvement. SR shall at all reasonable times permit SP to have access to the location where the Services are provided for the purpose of ascertaining the use made of the Services.

(b) The SP Group may audit SR's compliance with the terms of this Agreement and the Schedule(s) and use of the Services at any time. In addition, Suppliers of Additional Information may audit SR's use of applicable Additional Information at any time. SR shall allow the SP Group, Suppliers of Additional Information and any third party designated by SP access to SR's premises, Systems, Receiving Devices and Related Persons at all reasonable times for the purpose of such auditing. Upon the request of SP or a Supplier of Additional Information, SR shall make a management employee available to assist with the auditing and/or monitoring permitted herein. In addition, from time to time upon SP's request, SR shall promptly demonstrate to SP's reasonable satisfaction that SR is in full compliance with this Agreement and any Schedule(s). In addition to any rights the SP Group and Suppliers of Additional Information have pursuant to this paragraph 12, at SP's request, SR shall provide SP with written descriptions and other information as SP may request with respect to any and all applications used by SR that accept Information as inputs and/or interface with any Services.

(c) SR agrees that if SR is in breach of this Agreement or is using the Services in a manner not permitted by this Agreement, (i) SR shall be liable to pay applicable additional charges and/or Additional Information Fees, such charges or fees to be calculated from the day of actual installation of the initial Services, and (ii) without limiting any other remedy available to SP, SP shall have the right to terminate this Agreement, one or more Schedules and/or any portion of the Services provided hereunder.

13. 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.

14. Miscellaneous. SR shall not use any of the SP Group's trademarks, trade names, or service marks in any manner during and after the Term without SP's prior written consent, and SR acknowledges that it has no ownership rights in and to any of these names and marks. SP may delegate certain of its responsibilities, obligations and duties hereunder to a third party or an Affiliated Company for discharge of those responsibilities, obligations and duties on SP's behalf. SR shall have the right to assign this Agreement or the rights hereunder only with SP's written consent. For purposes of the foregoing sentence, a transfer of a controlling interest in SR shall be considered an assignment and SP shall have the right to terminate this Agreement and Schedules executed hereunder upon any such transfer. SP shall have the right to assign this Agreement or the rights hereunder to any Affiliated Company without the consent of SR. This Agreement is the entire agreement between the parties as 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 hereto. For inquiries, please contact Bloomberg L.P., operating agent of Bloomberg Finance L.P., at 731 Lexington Avenue, New York, NY 10022, via Telephone: (212) 318-2000 or via the Customer Service Center: https://service.bloomberg.com; or any successor operating agent or other party as specified by Bloomberg Finance L.P. from time to time. For information about communications tools and records, see BMAI <GO> on the BTS. The Privacy Notice applicable to personal information is available at PCPN <GO> on the BTS. SP and SR intend this Agreement to be a valid legal and enforceable instrument. If any provision herein is found invalid or unenforceable, that provision shall be enforced to the maximum extent



permissible, and the other provisions shall remain in force. Headings are solely for the convenience of the parties and have no legal or contractual significance. This Agreement, including any Schedules, and any related modifications, waivers or notifications 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 it has the ability to store information delivered to SR electronically so that it remains accessible to SR in an unchanged form. Paragraphs 2, 3(c), 4(a), 4(b), 5, 6 and 7-14 survive this Agreement's termination and shall continue in full force and effect.

Agreed to by:
UNIVERSIDAD DE CHILE
Company Name

José Fernando De Gregorio
Firmado digitalmente por José Fernando De Gregorio
Fecha: 2023.01.06 15:19:41 -08'00'

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

José de Gregorio
Name (Please type or print)

Decano - Facultad de Economía y Negocios Universidad de Chile
Title (Please type or print)

06/01/2023
Date

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

Signature of Authorized Signatory

1/9/2023
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. 600606003.3

Annex A
Defined Terms

"Access Point" means locally-installed SP-provided software used by SR to access the BTS.

"Additional Information" means data and information sourced from exchanges and other information providers (other than the SP Group), in each case that is included in the Information.

"Additional Information Fees" has the meaning given to such term in paragraph 3(a).

"Affiliated Companies" means those companies controlling, controlled by or under common control with SP.

"Agreement" means this Agreement and expressly includes any and all amendments, addenda or Schedules hereto.

"App" means a software application (including any software or data related thereto) for use in conjunction with the BTS identified in App Portal.

"App Portal" means the Bloomberg Application Portal, as it may be updated by SP from time to time on the BTS. App Portal is accessible via the BTS function APPS <GO> (or its replacement function).

"App User Data" means any information or data (other than Information) that is provided, input or uploaded by a Terminal User or BBA User in connection with an App.

"Authorized Computer" means a computer of SR meeting the designated technical specifications provided by SP from time to time equipped with a keyboard supplied by the SP Group and/or other non-server desktop computers of SR that contain configured software provided by SP or its affiliates that enable users to log onto the BTS.

"BBA User" means a Related Person who has access to the Services through a Bloomberg Anywhere subscription to the BTS.

"Bloomberg Anywhere" means the user-based subscription to the BTS which enables a single authorized Related Person to access data and information through the BTS on any Receiving Device.

"Bloomberg Terminal" means the device-based subscription to the BTS which enables Related Persons to access data and information through the BTS on only one specific Receiving Device.

"BTS" is defined in paragraph 1.

"Connectivity Services" shall mean SP-managed connectivity services and/or access permissions to the Bloomberg network or Information, including without limitation communications circuits and facilities, cloud, internet, and other transmission- or access-related networks, and any applicable installations, maintenance, managed services, or upgrades thereof.

"Designated Authorized Computer" means, with respect to any Downloaded Information, the Authorized Computer that received such Downloaded Information.

"Desktop API" means the Bloomberg Application Program Interface (or any successor thereof) for desktop use in association with Bloomberg Terminal and/or Bloomberg Anywhere subscriptions to the BTS.

"Downloaded Information" means Information received via the Desktop API or otherwise downloaded, copied or exported from the BTS (including, for the avoidance of doubt, any screenshots downloaded or copied from the BTS) and any Resultant Information or related Resultant Information created or derived therefrom.

"Equipment" means equipment (including any software installed therein) made available by the SP Group in connection with the Services.

"Excluded Jurisdiction" is defined in paragraph 8(a).

"Information" means: (a) all data and other information made available by SP or an Affiliated Company to SR (including all data calculated or derived by SP or an Affiliated Company) that is downloaded, accessed or otherwise imported or received by SR that is not governed by a specific agreement (other than this Agreement) between SP and SR; and (b) any data derived, calculated or reformatted by or on behalf of SR from such data identified in subclause (a) above excluding any and all Resultant Information. Information includes all Additional Information and all Downloaded Information.

"Items" means the Information, Materials and SR-Developed Applications.

"Limited Amount" means a limited amount or type of Information, Resultant Information or related Resultant Information that, evaluated quantitatively and/or qualitatively, in SP's sole judgment, does not affect SP's ability to exploit the Information or the ability of any Supplier or source of any part of such Information to exploit such part of the Information or in each case to realize revenue in connection therewith.

"Loss" means any loss, claim, demand or expense (including reasonable attorneys' fees).

"Materials" means any development and other materials that SP may make available to SR from time to time, which may include without limitation: (i) development templates and tools including the files, software, documentation and/or other materials that provide SR with the tools to develop, modify, enhance and/or upgrade SR-Developed Applications; (ii) any other applications, software, files, materials, documentation or other items made available for development purposes or otherwise in connection with the Services; and (iii) simulations software.

"Network Access" means connectivity to the Bloomberg network, including without limitation communications circuits and facilities and any applicable installations or upgrades thereof.

"Prohibited Party" is defined in paragraph 8(b).

"Receiving Device" means any non-server device (such as a desktop computer, laptop computer, tablet or phone) through which a user downloads, accesses or otherwise receives Information from the BTS. In addition, for BBA Users only, "Receiving Device" shall also include any device on which a BBA User re-accesses Information in accordance with this Agreement.

"Related Persons" means (a) all SR employees and (b) all



temporary workers, contractors or consultants contracted for by SR that provide substantially full-time services to SR of the type that are customarily performed by SR's employees, and who are subject to substantially the same terms and conditions as an employee of SR, and who use the Services primarily on SR's premises and only for the benefit of SR.

"Resultant Information" means data or information that is the output of calculations or analysis performed by or on behalf of SR using Information, provided that such Information used in such calculation or analysis does not, in SP's good faith judgment, remain identifiable in, and may not be readily extracted or reverse-engineered from, such output. References to "related Resultant Information" shall mean with respect to any given Information, Resultant Information that is derived or results from use of such Information.

"Sanctioned Jurisdiction" is defined in paragraph 8(b).

"Sanctioning Authorities" is defined in paragraph 8(b).

"Schedule" means a Bloomberg Schedule of Service or other schedule (however titled) entered into in connection with this Agreement.

"Schedule Term" is defined in paragraph 2(a).

"Services" includes the BTS, all items listed on the attached Schedule(s) and all SP-provided software associated with the foregoing.

"SP" is defined in the introductory paragraph of this Agreement.

"SP Group" means SP and the Affiliated Companies.

"SP's Associated Persons" means Affiliated Companies of SP and the partners, Suppliers, successors and assigns of SP and its Affiliated Companies and their respective officers, directors, employees and representatives.

"SR" is defined in the introductory paragraph of this Agreement.

"SR-Developed Applications" means applications developed or modified by or on behalf of SR that (i) are derived from, contain elements of, or use intellectual property contained in, the Materials or (ii) accept the Information or Resultant Information as inputs.

"SR Equipment" means hardware or other equipment not provided by SP and used by SR in connection with the Services.

"Suppliers" means suppliers or sources of SP and/or its Affiliated Companies, information sources, providers of Additional Information or software and all other parties that provide, or have any rights in, any portion of the Services.

"Systems" means Receiving Devices and any software, hardware or other equipment or services used by SR to receive, store, analyze, manipulate or process the Information.

"Term" is defined in paragraph 2(a).

"Terminal User" means, with respect to a Bloomberg Terminal subscription, each Related Person who has access to the Services through a login to a Bloomberg Terminal subscription.

"Uploaded Data" means information or data provided by or on behalf of SR to SP and/or its Affiliated Companies, or input or uploaded by or on behalf of SR (or any Terminal User or BBA User) into the Services, including for the avoidance of doubt, any App User Data.

"User" means a BBA User or a Terminal User.



Informe Técnico contratación Bloomberg Terminal

La plataforma Bloomberg es una herramienta líder en el mercado laboral, que provee noticias, y permite la visualización de información económica y financiera de mercados y empresas para finesde docencia e investigación. La plataforma permite la evaluación económica relacionada a los mercados de capitales e inversiones.

La herramienta permite la interacción del estudiante de pregrado y postgrado con las finanzas y la gestión de las empresas. El uso de la plataforma permitirá a los estudiantes de pregrado y postgradohacer uso de un laboratorio (Bloomberg) y el aprendizaje del mundo de la economía y las finanzas a través de una plataforma líder en el mercado laboral, la cual se ha transformado en un estándar que se encuentra presente en la mayoría de las compañías pertenecientes a la banca, banca de inversión, AFP y seguros, y empresas relacionadas, y que es utilizada analistas financieros, analistaseconómicos, entre otros.

Bloomberg presenta al menos tres características únicas que justifican su contratación:

- Uso inmersivo en Lab.: la docencia se verá mejorada dado que se contará con una plataformainmersiva en términos de aprendizaje y uso de información.

- Fuentes de Información: a diferencia de otras plataformas, Bloomberg permite el acceso a una mayor variedad de fuentes de información, lo que permite tener una visión más amplia y en tiempo real del mercado.

- Liderazgo mercado laboral: plataforma líder en posicionamiento de mercado, lo que se ha traducido en un estándar dentro del mundo laboral.

En términos de usabilidad, el Magíster en Finanzas, Magíster en Análisis Económico, Magíster en Economía, Magíster en Control de Gestión, Magíster en Contabilidad, los Doctorados y el MBA serían los programas que con mayor frecuencia harían uso de esta plataforma. Uno de los objetivosprincipales de estos programas, es que los alumnos apliquen sus conocimientos, ya sea en un ámbito profesional o académico. Dado lo anterior, esta herramienta contribuiría de manera importante enel cumplimiento de dicho objetivo, ya que los alumnos podrían trabajar con casos e información real.

Es necesario mencionar que no se encuentran disponibles en el mercado nacional e internacional otras alternativas con igual nivel de reconocimiento, prestigio y experiencia, y que además cuenten integralmente con los atributos previamente detallados. La elección de esta plataforma se fundamenta en una decisión estratégica de la facultad, atendiendo a que ello se traducirá en una ventaja diferenciadora y competitiva para nuestros alumnos y egresados.

Cabe hacer presente que en los casos de adquisiciones como la referida, el procedimiento de licitación pública puede poner en riesgo el objeto y la eficacia del proyecto específico de que se trata, concurriendo las circunstancias excepcionales listadas en el literal e) del artículo 4 de la

Resolución N° 01150, la contratación corresponde a:

- Especialización ofrecida por un determinado proveedor en venta de bienes o servicios específicos o selectos, y que se trata de;

- Adquisiciones de bienes o contratación de servicios ofrecidos en el extranjero, que se realicen por importación directa o mediante convenios extranjeros, sin perjuicio de la exclusión señalada en el inciso segundo del artículo 37 de la Ley N° 21.094 cuando se trate del suministro de bienes muebles.

Asimismo, la contratación se funda en materia de docencia en el sentido que esta contribuye a la formación de estudiantes de pregrado, postítulo y diplomas, otorgándoles la posibilidad de utilizar una plataforma de vanguardia en materia de análisis económico y financiero a través de ella, los estudiantes, en sus diferentes asignaturas, podrán acceder información sobre cada tipo de activo y descarga de datos financieros de mercado, evaluación y gestión de inversiones, interacción contable, de finanzas y gestión de empresas, en materia investigativa Bloomberg Terminal aporta en la medida que otorga a los usuarios constante actualización de datos relevantes en materia de evaluación de casos y análisis de mercados, permitiendo acceso a información actualizada y al instante a estudiantes que se encuentren en procesos de investigación. Por consiguiente, es posible concluir que la contratación responde a una decisión académica de carácter estratégico de la Facultad, decisión fundada en las actuales exigencias del mercado laboral y académico. Finalmente es importante detallar que un proceso de licitación pública pondría en riesgo el objeto y eficacia de las actividades de docencia e investigación que deben implementarse a través de esta contratación, puesto que se trata de servicios ofrecidos en el extranjero, por una institución extranjera, realizada en atención a las características específicas del software ofrecido por el proveedor.

Por consiguiente un proceso de licitación resultaría inoficioso e ineficiente puesto que el servicio requerido corresponde únicamente al proporcionado por el proveedor FTSE, ajustándose a los requerimientos de la Facultad, a su vez, dicho proveedor no podría participar ni presentar su oferta en un proceso concursal en la plataforma www.mercadopublico.cl, ya que a su vez, no cuenta con partner que podrían actuar como intermediario en un proceso concursal.

Considerando todo lo anterior, la adquisición de esta plataforma resulta sumamente importante para la Escuela de Postgrado, ya que es un factor muy relevante para conseguir su objetivo en cuanto a la utilización de metodologías de enseñanza activas y, además, es un verdadero aporte para los alumnos en cuanto a la vinculación con el medio.

Idoneidad técnica y económica

Bloomberg Terminal, es un producto que proporciona información y datos actualizados sobre el mercado financiero, creada el año 1981 y de reconocida trayectoria y prestigio, cuya plataforma continúa expandiendo su impacto en el mercado económico. La compañía proporciona herramientas de software financiero, tales como análisis y plataformas de comercio de capital, servicio de datos y noticias para las empresas financieras y organizaciones en todo el mundo a través de la Bloomberg Terminal, su producto base.

Actualmente, Bloomberg Terminal es de propiedad de la firma Bloomberg Finance L.P, firma líder de capital privado con cerca de 40 años de historia, incluidos más de $5700 mil millones en activos bajo administración al año 2022, y con enfoque en el análisis de mercado económicos.

Aporta en la medida que otorga a los usuarios constante actualización de datos relevantes en materia de evaluación de casos y análisis de mercados, permitiendo acceso a información actualizada y al instante a estudiantes que se encuentren en procesos de investigación. Por consiguiente, es posible concluir que la contratación responde a una decisión académica de carácter estratégico de la Facultad, decisión fundada en las actuales exigencias del mercado laboral y académico.

Considerando todo lo anterior, la adquisición de esta plataforma resulta sumamente importante para la Escuela de Postgrado, ya que es un factor muy relevante para conseguir su objetivo en cuanto a la utilización de metodologías de enseñanza activas y, además, es un verdadero aporte para los alumnos en cuanto a la vinculación con el medio.

Signed by:Rodrigo Uribe
Signed at:2023-01-10 12:07:13 -03:00
Reason:Firmado por Rodrigo Uribe

Rodrigo Uribe

Director Escuela de Postgrado
Facultad de Economía y Negocios
Universidad de Chile

FACULTAD ECONOMÍA Y NEGOCIOS
UNIVERSIDAD DE CHILE

MEMORÁNDUM

SOLICITUD DE PROYECTOS BIBLIOTECA

DE : José De Gregorio, Decano, Facultad de Economía y Negocios

A : Pedro Carrizo, Director Económico y Administrativo

FECHA : 30 de agosto de 2022

Por medio del presente informo a usted que el equipo directivo ha acordado dar curso a tres nuevos proyectos de gran relevancia para nuestra facultad:

- Laboratorio de Finanzas Bloomberg, que tendrá un gran impacto en la forma de enseñanza en finanzas con equipamiento y software adecuado, que será ubicado en primer piso biblioteca.
- Nuevos espacios de estudios para estudiantes en el primer piso de biblioteca, considerando la demanda de mayor espacio de estudio.
- Sala de innovación – cowork para estudiantes de pregrado.

Para todo lo anterior, se requiere la reconfiguración de espacios en el primer piso de biblioteca, de manera de compatibilizar los servicios existentes con estos nuevos espacios.

Por lo tanto, solicito a usted instruir a sus equipos de trabajo gestionar los trabajos, contrataciones, compras y coordinaciones necesarias de manera que estos tres proyectos estén completamente operativos a partir de marzo 2023, sin que esto impida la continuidad de los servicios actuales de biblioteca y centro de fotocopiado.

Finalmente, el apremio de tener implementado estos proyectos para el inicio del año académico 2023 radica en la necesidad de contar con tecnología de punta que pueda hacer destacar a la Facultad y mantenerla en un mercado altamente competitivo en un año académicamente complejo.

Le saluda atentamente,

José De Gregorio
Decano

Formulario de Solicitud de Compras y Contrataciones y Certificado Disponibilidad Presupuestaria

Fecha de Solicitud: 27-12-2022

ÍTEM I: IDENTIFICACIÓN UNIDAD REQUIRENTE

Unidad Solicitante	Responsable de la contratación:	Cargo
POSTGRADO Gabinete Postgrado	Daniela Rebolledo	Jefa de Gabinete Vicedecanato

ÍTEM II: ANTECEDENTES GENERALES DE LA SOLICITUD

Nombre de la Adquisición (Indicar solo nombre de referencia, SIN DETALLES)
Contratación Bloomberg Terminal

¿Está incorporada en Plan Anual de Compras? SI

Objetivo de la Compra y Detalles

Contratación de licencia Bloomberg Terminal para su utilización por parte de academicos y estudiantes de pregrado, postgrado y diplomas

¿Solicita renovar un contrato vigente? NO

Indicar N° y Fecha Decreto que aprueba contrato anterior:

Monto estimado de (Impuestos incluidos) 253.041,6

Monto en letras (Incluir moneda) docientos cincuenta y tres mil cuarenta y uno coma seis dólares americanos

Moneda: US$

Periodo de duración de la compra Desde: **2023** Hasta: **2025**
(Años que comprende la ejecución del gasto, si se ejectará el total durante este periodo no modifique los valores)

Imputar Gasto a, indicar Centro de Registro:

Codigo Centro de Registro	120.501.024.201.001	por US$	253.041,6
Nombre Ceco	Vicedecanato Bienes y Servicios de Consumo		

(Para agregar un segundo Ceco, presione el botón + situado a la izquierda de este mensaje)

Forma de Contratación Compra en el extranjero

¿Consultó previmente convenio marco? SI

IMPORTANTE: Si habiendo consultado el Convenio Marco, la compra o contratación NO se hará por este medio, indique las razones fundadas, acompañadas de una análisis técnico y/o económico, por las cuales su opción NO es el Convenio Marco. Este argumento se incluirá en la Resolución que irá a Control de Legalidad y se remitirá a la Dirección de ChileCompra. **Si no se adjunta esta información, la solicitud será rechazada.**

Fundamento:

ÍTEM III: COTIZACIONES

Debe adjuntar 3 cotizaciones cuando la contratación:	Debe adjuntar 1 cotización cuando la contratación:
1. Es menor a 3 UTM 2. Corresponde a Art. 10 N° 1, 2, 5 y 8	1. Es menor a 3 UTM **y es realizada por fuera del portal** 2. Corresponde a Art. 10 N° 3, 4, 6 y 7

ÍTEM IV: CERTIFICADO DISPONIBILIDAD PRESUPUESTARIA

Seleccione un Título	Seleccione un Subtítulo	Seleccione un Item
A.- Gastos de Operación	2. Compras de Bienes y Servicio	2.6 Otros Servicios

De conformidad al presupuesto aprobado para esta institución por Decreto Universitario N°863 de 2022. Certifico que a la fecha del presente documento, la institución cuenta con el presupuesto para el financiamiento del servicio 'Contratación Bloomberg Terminal ', por un importe total de US$253.041,60 (docientos cincuenta y tres mil cuarenta y uno coma seis dólares americanos)al centro de registro+ 120.501.024.201.001. Impútese el gasto correspondiente a la anualidad del Título A.- Gastos de Operación, Subtítulo 2. Compras de Bienes y Servicio, del item 2.6 Otros Servicios, del presupuesto Universitario Vigente, y en lo sucesivo, los gastos que se materializarán con cargo a los presupuestos universitarios de los años 2023 al 2025 se efectuarán de acuerdo con los recursos institucionales disponibles y aprobados según la normativa legal vigente, más los gastos de transferencia asociados.

En el caso de tratarse de una Transferencia, indicar:

Nombre Beneficiario	
Nombre del Banco	
Cuenta Corriente Nº	
Dirección del Banco	
Moneda	
SWITH	
ABA	

Breve descripción del motivo de la transferencia

Daniela Catalina Rebolledo Musalem
18.024.576-6
09/01/2023 - 16:20
ESTE DOCUMENTO CONTIENE FIRMA ELECTRÓNICA AVANZADA
https://ceropapel.uchile.cl/validacion/verificador
CV: 63bc68ea9354bed52029b413

UNIVERSIDAD DE CHILE

Daniela Rebolledo
Jefa de Gabinete Vicedecanato
FACULTAD DE ECONOMÍA Y NEGOCIOS

Bloomberg L.P.

System and Organization Controls SOC 3® Report

Report on the Bloomberg Terminal System relevant to Security, Availability, and Confidentiality

For the period October 1, 2020 to September 30, 2021

SOC 3® is a registered trademark of the American Institute of Certified Public Accountants (AICPA).

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Building a better working world

Report of Independent Accountants

To the Management of Bloomberg L.P.

Scope

We have examined management's assertion, contained within the accompanying *Management's Report of its Assertion Regarding the Effectiveness of its Controls Over the Bloomberg Terminal System Based on the Trust Services Criteria for Security, Availability and Confidentiality* ("Assertion"), that Bloomberg's controls over the Bloomberg Terminal System ("System") were effective throughout the period October 1, 2020 to September 30, 2021, to provide reasonable assurance that its service commitments and system requirements were achieved based on the criteria relevant to security, availability, and confidentiality ("applicable trust services criteria") set forth in the American Institute of Certified Public Accountants ("AICPA") TSP section 100, *2017 Trust Services Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy.*

Management's Responsibilities

Bloomberg's management is responsible for its Assertion, selecting the trust services categories and associated criteria on which its Assertion is based, and having a reasonable basis for its Assertion. It is also responsible for:

- Identifying the System and describing the boundaries of the System.
- Identifying the service commitments and system requirements and the risks that would threaten the achievement of the service commitments and system requirements that are the objectives of the System.
- Identifying, designing, implementing, operating, and monitoring effective controls over the System to mitigate risks that threaten the achievement of the service commitments and system requirements.

Our Responsibilities

Our responsibility is to express an opinion on the Assertion, based on our examination. Our examination was conducted in accordance with attestation standards established by the AICPA. Those standards require that we plan and perform our examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material respects. An examination involves performing procedures to obtain evidence about management's Assertion, which includes: (1) obtaining an understanding of Bloomberg's relevant security, availability, and confidentiality policies, processes and controls, (2) testing and evaluating the operating effectiveness of the controls, and (3) performing such other procedures as we considered necessary in the circumstances. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risk of material misstatement, whether due to fraud or error. We believe that the evidence obtained during our examination is sufficient to provide a reasonable basis for our opinion.

Our examination was not conducted for the purpose of evaluating Bloomberg's cybersecurity risk management program. Accordingly, we do not express an opinion or any other form of assurance on its cybersecurity risk management program.

The Description also indicates that certain trust services criteria specified in the Description can be met only if complementary user entity controls assumed in the design of Bloomberg's controls are suitably designed and

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operating effectively, along with related controls at the Service Organization. The Description does not extend to controls of user entities.

Inherent limitations

Because of their nature and inherent limitations, controls may not prevent, or detect and correct, all misstatements that may be considered relevant. Furthermore, the projection of any evaluations of effectiveness to future periods, or conclusions about the suitability of the design of the controls to achieve Bloomberg's service commitments and system requirements, is subject to the risk that controls may become inadequate because of changes in conditions, that the degree of compliance with such controls may deteriorate, or that changes made to the System or controls, or the failure to make needed changes to the System or controls, may alter the validity of such evaluations. Examples of inherent limitations of internal controls related to security include (a) vulnerabilities in information technology components as a result of design by their manufacturer or developer; (b) breakdown of internal control at a vendor or business partner; and (c) persistent attackers with the resources to use advanced technical means and sophisticated social engineering techniques specifically targeting the entity.

Opinion

In our opinion, Bloomberg's controls over the System were effective throughout the period October 1, 2020 to September 30, 2021, to provide reasonable assurance that its service commitments and system requirements were achieved based on the applicable trust services criteria.

Ernst & Young LLP

January 26, 2022

A member firm of Ernst & Young Global Limited

Bloomberg L.P. 731 Lexington Ave New York, NY 10022 Tel +1 212 318 2000 bloomberg.com

Management's Report of its Assertion Regarding the Effectiveness of its Controls Over the Bloomberg Terminal System Based on the Trust Services Criteria for Security, Availability, and Confidentiality

January 26, 2022

We, as management of Bloomberg, are responsible for:

- Identifying the Bloomberg Terminal System ("System") and describing the boundaries of the System, which are presented in Exhibit A
- Identifying the service commitments and system requirements
- Identifying the risks that would threaten the achievement of the service commitments and system requirements that are the objectives of our System, which are presented in Exhibit B
- Identifying, designing, implementing, operating, and monitoring effective controls over the System to mitigate risks that threaten the achievement of the service commitments and system requirements
- Selecting the trust services categories that are the basis of our assertion, which are presented in Exhibit C

The Description also indicates that certain trust services criteria specified in the Description can be met only if complementary user entity controls assumed in the design of Bloomberg's controls are suitably designed and operating effectively, along with related controls at the Service Organization. The Description does not extend to controls of user entities.

We assert that the controls over the system were effective throughout the period October 1, 2020 to September 30, 2021, to provide reasonable assurance that the service commitments and system requirements were achieved based on the criteria relevant to security, availability, and confidentiality set forth in the AICPA's TSP section 100, *2017 Trust Services Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy*.

Very truly yours,

Bloomberg L.P.

Exhibit A
Description of the System Provided by Management

Overview of the Company and Operations Related to the System

Bloomberg L.P. ("Bloomberg" or "the Company"), headquartered in New York, New York, with approximately 20,000 employees located in 172 locations around the world, provides either directly or through an affiliate computer-based multimedia service for television, radio, magazine publications, data access, and a suite of financial software geared towards providing a single platform for real-time information. Bloomberg connects influential decision-makers to a network of information, people and ideas. Bloomberg's strength - quickly and accurately delivering data, news and analytics through innovative technology - is at the core of everything Bloomberg does. Bloomberg delivers business and financial information, news and insight around the world. Bloomberg's Core Product builds on the Company's core strength, leveraging technology to allow clients to access, integrate, distribute and manage data and information across organizations more efficiently and effectively.

Bloomberg clients rely on unique financial solutions and exceptional client service. These solutions and services require the thoughtful integration and analysis of client data, third-party and proprietary Bloomberg information. Client trust is therefore the highest priority and the cornerstone of Bloomberg's business.

The Bloomberg Terminal brings together real-time data on financial markets, breaking news, in-depth research, powerful analytics, communications tools and world-class trading solutions capabilities — in one fully integrated solution. The Bloomberg Terminal is supported by sophisticated and resilient architecture.

Service Commitments and System Requirements

Bloomberg makes service commitments to its customers and has established system requirements as part of the Bloomberg Terminal services described above. Some of these commitments are key to the performance of the service and relate to the security, availability, and confidentiality trust services criteria. Bloomberg is responsible for its service commitments and system requirements and for designing, implementing, and operating effective controls within the system to provide reasonable assurance that Bloomberg Terminal service commitments and system requirements are achieved.

Service commitments to customers are documented and communicated in the client agreements and respective schedule of services, as well as in the description of the service offering provided online. These commitments may be modified periodically upon renewals, or contract amendments having the consent of the required parties. Service commitments include, but are not limited to, the following:

- Security: Bloomberg has made commitments related to securing customer data and complying with relevant laws and regulations. These commitments are addressed through measures including data protection, authentication mechanisms, physical security and other relevant security controls.
- Availability: Bloomberg has made commitments related to availability of its infrastructure. Bloomberg's infrastructure solution is built to maintain high availability by incorporating redundant computing facilities, telecommunications and systems.
- Confidentiality: Bloomberg has made commitments related to maintaining the confidentiality of customers' data through data classification policies, data protection and other relevant security controls.

User Interfaces

Bloomberg Terminal users maintain either an Open Terminal or Bloomberg Anywhere license. Remote access to Bloomberg is available to enabled users via Bloomberg Anywhere.

Access to the Bloomberg Terminal requires either the installation of a desktop client application or Bloomberg Anywhere access via a secure Citrix connection. Access to the Bloomberg Terminal is enabled using two factor authentication:

1. All users, irrespective of connection method, are required to provide login credentials, including a unique username and password combination. Passwords are not in clear text during user authentication to prevent shoulder surfing.

2. And one of two additional security methods (second factor):

    - A Bloomberg Secure Access Technology ("BSAT") device integrated into the Bloomberg Keyboard, features security that unlocks the Bloomberg Terminal after verifying a binary number it generates based on points on the user's finger or
    - A B-UNIT authentication device. The B-UNIT is a stand-alone device registered to a user account which verifies a binary number that it generates based on points on the user's finger and provides users with a code to unlock the Bloomberg Terminal.

Open Terminal users are not permitted remote or mobile access to the Bloomberg Terminal.

Files can be transferred between the customer and Bloomberg via secure file transfer protocol ("SFTP"). Access via SFTP requires that a registered IP address is whitelisted. The customer must create a SFTP password or connection key before they are able to connect.

Infrastructure

The Bloomberg Terminal follows the standard Bloomberg architecture. Tiers of the applications are deployed on fully redundant processing and database servers which are clustered and housed in multiple data centers. Similarly, processes for connectivity and integration are deployed to process-specific clustered servers. The networks that connect Bloomberg's servers and data centers are also fully redundant and network devices are deployed in pairs.

Software

The Bloomberg Terminal was largely developed in-house by Bloomberg engineers. The software suite consists of the functionality of all the management systems for Bloomberg Terminal. The suite also includes tools that help support System functions and feeds.

Workflow to support and maintain Bloomberg Terminal include: source code version controls, peer code review and testing, change control workflow tools, user access controls and ticketing systems.

People

Bloomberg's organizational structure provides the framework for planning, executing, controlling and monitoring activities to achieve entity-wide objectives. Significant aspects of establishing a relevant organizational structure

include defining key areas of authority, assigning clear roles and responsibilities, and establishing appropriate lines of reporting.

Key operational and technology areas and responsibilities include the following:

- **Customer Support**: The Bloomberg Terminal is supported by 24x7x365 global customer support. Customer support consists of three groups; Bloomberg Terminal System Sales Representatives ("Sales"), Global Analytics Desk Support ("ADSK"), and Bloomberg Customer Support ("BCS"), as further described below.
    - **Sales**: partners with clients and prospective clients to provide training for products with customized solutions that fit the varying needs of their businesses. Sales regularly engages with users to provide insight on products, as well as gather feedback to enhance Bloomberg's offering. Sales strives to meet client needs and assist with the continual evolution of Bloomberg.
    - **ADSK**: provides 24/7 instantaneous functionality and workflow support for the Bloomberg Terminal. ADSK is an essential part of Bloomberg's customer experience, enabling users to obtain fast answers and workflow-specific training from specialized experts to questions for the usage of the Bloomberg Terminal.
    - **BCS**: provides 24/7 telephone support to clients. BCS provides immediate support to customers and acts as a front line resource to the business. The BCS customer service model follows the sun to provide seamless service and 5 international centers provide support in more than 16 languages. The team also provides 24/7 technical support for the Bloomberg Terminal and its hardware. Clients seeking assistance with any technical aspect of the Bloomberg Terminal or its hardware can contact BCS team via phone, live chat and manual/automated tickets.

- **Application Development**: The Application Development team is responsible for software development and supporting the Bloomberg Terminal. Development includes enhancements and extensions to the existing software suite, as well as the resolution of software bugs. Application Development, along with Quality Assurance, test key features and performs software regression testing.

- **Terminal Product division**: The Terminal Product division owns and supports ongoing development for Bloomberg Terminal functions. Through partnerships with Bloomberg's Application Development team, The Terminal Product division helps to ensure that client needs are met by designing, implementing and enhancing existing and new product releases.

Bloomberg Terminal operations are supported by the following key Bloomberg corporate functions:

- **Bloomberg Risk Management ("BRM")**: Bloomberg has designed and adopted a robust risk management program across the organization that is aligned to business objectives and industry best practices. The Bloomberg Risk Management team rolls up into the Chief Risk and Compliance Office ("CRCO") and assist businesses in identifying potential events and managing associated risks.

- **Vendor Risk Management ("VRM")**: A dedicated Vendor Risk Management team resides within CRCO. The Vendor Risk Management team provides oversight for the vendor risk management program and is responsible for implementing adequate controls, drafting procedures, auditing for compliance and tracking vendor related issues.

- **Chief Information Security Office ("CISO")**: The Chief Information Security Office is ultimately responsible and accountable for the design and implementation of the information security program. The CISO is led by the Chief Information Security Officer, who reports directly to the Chief Risk Officer. The information security program sets the strategic direction for the implementation of appropriate security measures across Bloomberg. The CISO consists of several groups in order to manage its various functions. These include:

    - **Cyber Security Operations Center ("CSOC")**: The CSOC works to understand the security threats Bloomberg faces as an organization. The CSOC develops instrumentation for threat detection and utilizes monitoring tools to continuously collect data and monitor events related to networks, potential attacks, data loss and identification of unauthorized use of systems or other relevant suspicious activity. Identified events are investigated and resolved in a timely manner.

    - **Product Security**: Product Security works with development teams to enhance the security of Bloomberg-developed products and software components by performing security-focused design reviews, code reviews, and penetration tests of new and existing applications.

    - **Threat and Vulnerability Management ("TVM")**: The Threat and Vulnerability Management team manages a continuous vulnerability testing program for identifying, assessing, prioritizing, reporting and managing of vulnerabilities in information systems.

    - **Red Team**: The Red Team is responsible for performing enterprise-wide security exercises that emulate real-world attackers. The team incorporates threat intel with current tools and techniques to assess the efficacy of internal security controls and detection.

- **Environment Support**: The Environment Support team is responsible for monitoring the health of Bloomberg systems and responding to system alarms.

- **Incident Management ("IM")**: The Incident Management team is responsible for facilitating the response to acute incidents that are disrupting client services or have the potential to disrupt client services.

- **Human Resources**: The Human Resources department is responsible for implementing policies and procedures to reduce the risk of theft, fraud, and misuse of information or facilities by personnel.

- **Internal Audit**: The Internal Audit team is an independent, objective and competent assurance function which reports independently to the Audit, Risk and Compliance Committee ("ARCC").

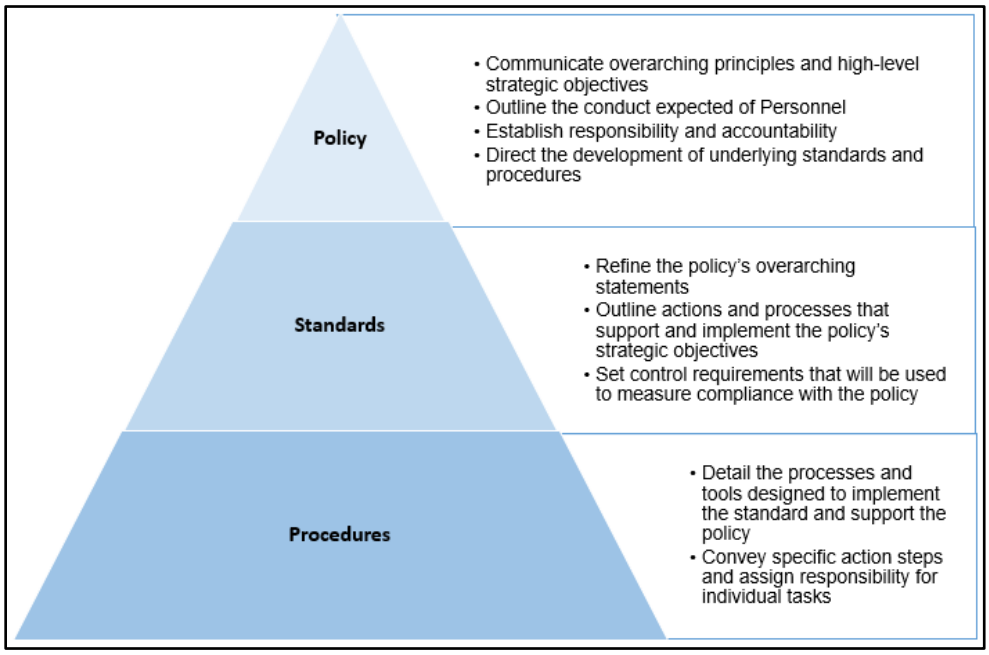
- **Network and Security Engineering**: The Network and Security Engineering team oversees the implementation of appropriate security and access controls throughout Bloomberg's networks.

- **Physical Security/Security Operations**: The Security Operations teams manage and monitor comprehensive physical security systems employed across Bloomberg offices and data centers.

- **Backups and Restorations**: The Engineering team oversees the system data backups. Backups are retained in accordance with applicable retention policies and available for restoration upon request. Confidential information is securely overwritten prior to disposal or reuse.

Bloomberg's Policy Framework

Bloomberg has developed a policy framework that creates a uniform structure for the implementation of policies, standards, and procedures (collectively, Policy Documents).



Bloomberg maintains processes for the development and dissemination of Policy Documents. These processes include:

- Creation of new Policy Documents;
- Review and revision of existing Policy Documents; and
- Publication, distribution, and storage of Policy Documents.

Through the use of a consistent process and format, Bloomberg helps ensure that Policy Documents promote:

- Excellence in Bloomberg's work product;
- Respect and responsiveness to Bloomberg's clients;
- Operational efficiencies and best practices across the Company;
- Compliance with applicable law; and
- Compliance with generally accepted accounting and reporting standards.

The Executive Policy Review Panel, comprised of representatives from the Company's senior leadership, reviews and approves the Company's policies and delegates authority to Management to oversee the creation and approval of Bloomberg policies.

Data

Customers have access to financial market, news, and analytical data and information made available through the Bloomberg Terminal. This data and information is developed by Bloomberg or sourced from third party contributors, customers, and other providers. Bloomberg personnel access to client data is limited to authorized personnel.

Exhibit B
Considerations for Users of the Report

The processes described in Management's Report relate to Bloomberg's transaction processing and related information technology general control activities specific to security, availability, and confidentiality. For system processing to be complete, accurate, timely, and authorized, and for user entity information to be protected against unauthorized access, user entities also need to implement certain controls. Bloomberg communicates these requirements to its user entities and includes responsibilities for:

- Completeness and accuracy of information entered into the Bloomberg Terminal System by customers (e.g., orders, prices, dates);
- Information provided by third parties (e.g., security pricing);
- Other applications within the Bloomberg Terminal environment that are not specified in Management's Report;
- User administration (e.g., add, delete) activities performed by a customer and/or customer designee;
- Ensuring access to terminals and PCs used to connect to Bloomberg Terminal systems or websites to transmit data to Bloomberg Terminal is limited to authorized individuals and appropriate mechanisms are in place (e.g., password composition rules) for authenticating such access;
- Ensuring access to the Bloomberg Terminal is limited to authorized individuals;
- For Open Terminal subscribers, proper user provisioning and account set up;
- Ensuring the confidentiality of any user accounts and passwords assigned to them for use with Bloomberg Terminal;
- Ensuring that corporate user accounts and passwords for client personnel with access to Bloomberg Terminal are assigned to only authorized individuals and that the roles assigned to the user accounts are appropriate. Each user should have a unique account to ensure adequate accountability;
- Periodically reviewing assigned client access to Bloomberg Terminal for appropriateness, including assigned roles to promote segregation of duties, to evaluate whether user access is appropriate and performing any required access modifications;
- Approving Bloomberg support personnel access to the client system through their user ID for troubleshooting and revoking access to support personnel before access is automatically revoked;
- Immediately notifying Bloomberg of any suspected information security breaches, including compromised data;
- Reviewing system activities to ensure that all use is appropriate and authorized; and
- Ensuring that system or other production issues are communicated to Bloomberg on a timely basis.

Exhibit C
Trust Services Criteria

Bloomberg Management's assertion regarding the effectiveness of its controls over the System was based on the trust services criteria relevant to security, availability and confidentiality listed below, which Management used as a framework to help identify the relevant controls, taking into consideration and as applied to Bloomberg's organizational structure and operating model.

Criteria Related to Organization and Management	
CC1.1	COSO Principle 1: The entity demonstrates a commitment to integrity and ethical values.
CC1.2	COSO Principle 2: The board of directors demonstrates independence from management and exercises oversight of the development and performance of internal control.
CC1.3	COSO Principle 3: Management establishes, with board oversight, structures, reporting lines, and appropriate authorities and responsibilities in the pursuit of objectives.
CC1.4	COSO Principle 4: The entity demonstrates a commitment to attract, develop, and retain competent individuals in alignment with objectives.
CC1.5	COSO Principle 5: The entity holds individuals accountable for their internal control responsibilities in the pursuit of objectives.

Criteria Related to Communication and Information	
CC2.1	COSO Principle 13: The entity obtains or generates and uses relevant, quality information to support the functioning of internal control.
CC2.2	COSO Principle 14: The entity internally communicates information, including objectives and responsibilities for internal control, necessary to support the functioning of internal control.
CC2.3	COSO Principle 15: The entity communicates with external parties regarding matters affecting the functioning of internal control.

Criteria Related to Risk Assessment	
CC3.1	COSO Principle 6: The entity specifies objectives with sufficient clarity to enable the identification and assessment of risks relating to objectives.
CC3.2	COSO Principle 7: The entity identifies risks to the achievement of its objectives across the entity and analyzes risks as a basis for determining how the risks should be managed.
CC3.3	COSO Principle 8: The entity considers the potential for fraud in assessing risks to the achievement of objectives.
CC3.4	COSO Principle 9: The entity identifies and assesses changes that could significantly impact the system of internal control.

Criteria Related to Monitoring Activities	
CC4.1	COSO Principle 16: The entity selects, develops, and performs ongoing and/or separate evaluations to ascertain whether the components of internal control are present and functioning.

Criteria Related to Monitoring Activities	
CC4.2	COSO Principle 17: The entity evaluates and communicates internal control deficiencies in a timely manner to those parties responsible for taking corrective action, including senior management and the board of directors, as appropriate.

Criteria Related to Control Activities	
CC5.1	COSO Principle 10: The entity selects and develops control activities that contribute to the mitigation of risks to the achievement of objectives to acceptable levels.
CC5.2	COSO Principle 11: The entity also selects and develops general control activities over technology to support the achievement of objectives.
CC5.3	COSO Principle 12: The entity deploys control activities through policies that establish what is expected and in procedures that put policies into action.

Criteria Related to Logical and Physical Access Controls	
CC6.1	The entity implements logical access security software, infrastructure, and architectures over protected information assets to protect them from security events to meet the entity's objectives.
CC6.2	Prior to issuing system credentials and granting system access, the entity registers and authorizes new internal and external users whose access is administered by the entity. For those users whose access is administered by the entity, user system credentials are removed when user access is no longer authorized.
CC6.3	The entity authorizes, modifies, or removes access to data, software, functions, and other protected information assets based on roles, responsibilities, or the system design and changes, giving consideration to the concepts of least privilege and segregation of duties, to meet the entity’s objectives.
CC6.4	The entity restricts physical access to facilities and protected information assets (for example, data center facilities, back-up media storage, and other sensitive locations) to authorized personnel to meet the entity’s objectives.
CC6.5	The entity discontinues logical and physical protections over physical assets only after the ability to read or recover data and software from those assets has been diminished and is no longer required to meet the entity’s objectives.
CC6.6	The entity implements logical access security measures to protect against threats from sources outside its system boundaries.
CC6.7	The entity restricts the transmission, movement, and removal of information to authorized internal and external users and processes, and protects it during transmission, movement, or removal to meet the entity’s objectives.
CC6.8	The entity implements controls to prevent or detect and act upon the introduction of unauthorized or malicious software to meet the entity’s objectives.

Criteria Related to System Operations	
CC7.1	To meet its objectives, the entity uses detection and monitoring procedures to identify (1) changes to configurations that result in the introduction of new vulnerabilities, and (2) susceptibilities to newly discovered vulnerabilities.
CC7.2	The entity monitors system components and the operation of those components for anomalies that are indicative of malicious acts, natural disasters, and errors affecting the entity's ability to meet its objectives; anomalies are analyzed to determine whether they represent security events.
CC7.3	The entity evaluates security events to determine whether they could or have resulted in a failure of the entity to meet its objectives (security incidents) and, if so, takes actions to prevent or address such failures.
CC7.4	The entity responds to identified security incidents by executing a defined incident response program to understand, contain, remediate, and communicate security incidents, as appropriate.
CC7.5	The entity identifies, develops, and implements activities to recover from identified security incidents.

Criteria Related to Change Management	
CC8.1	The entity authorizes, designs, develops or acquires, configures, documents, tests, approves, and implements changes to infrastructure, data, software, and procedures to meet its objectives.

Criteria Related to Risk Mitigation	
CC9.1	The entity identifies, selects, and develops risk mitigation activities for risks arising from potential business disruptions.
CC9.2	The entity assesses and manages risks associated with vendors and business partners.

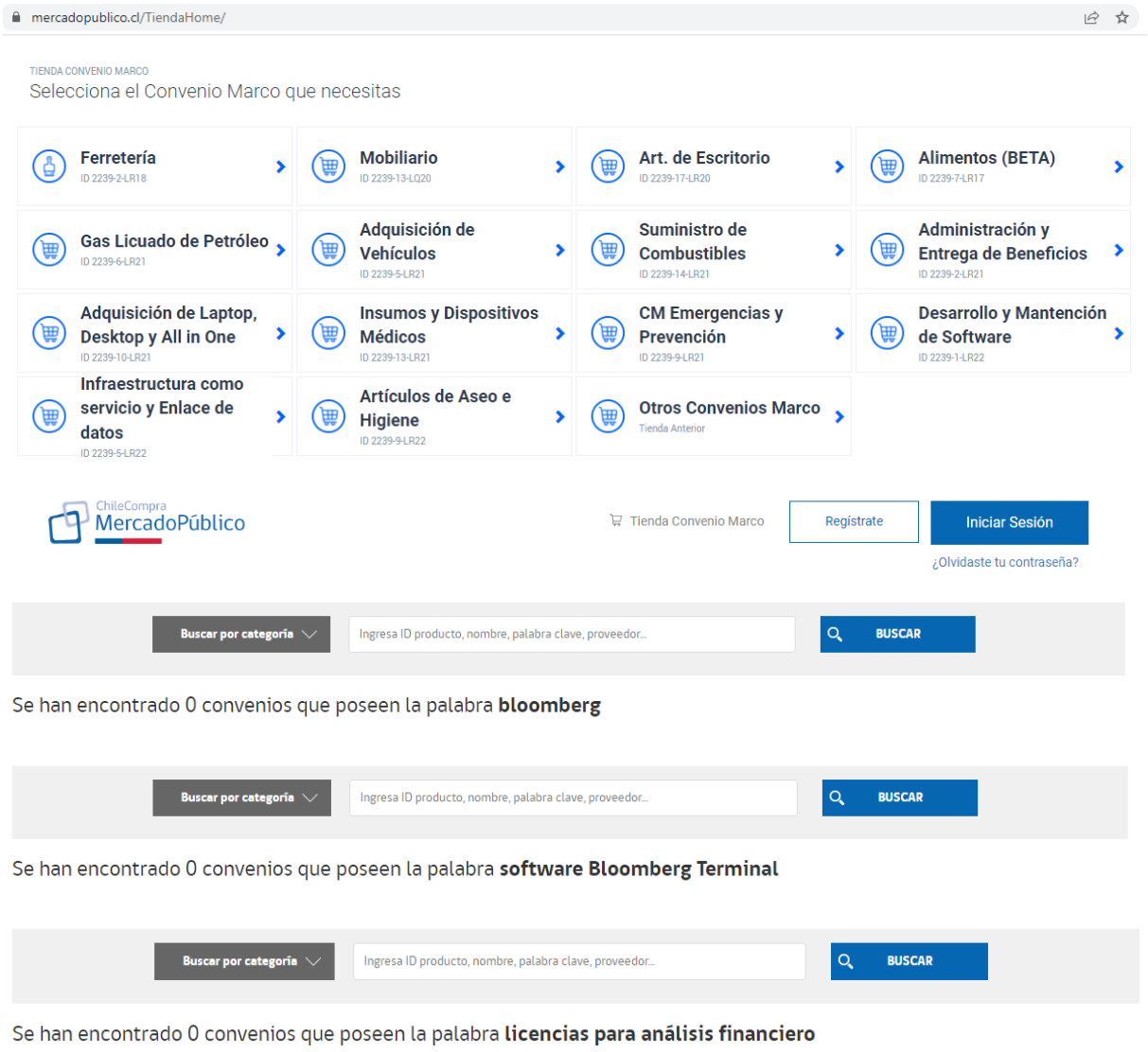
Additional Criteria for Availability	
A1.1	The entity maintains, monitors, and evaluates current processing capacity and use of system components (infrastructure, data, and software) to manage capacity demand and to enable the implementation of additional capacity to help meet its objectives.
A1.2	The entity authorizes, designs, develops or acquires, implements, operates, approves, maintains, and monitors environmental protections, software, data back-up processes, and recovery infrastructure to meet its objectives.
A1.3	Recovery plan procedures supporting system recovery are tested to help meet the entity’s availability commitments and system requirements.

Additional Criteria for Confidentiality	
C1.1	The entity identifies and maintains confidential information to meet the entity’s objectives related to confidentiality.
C1.2	The entity disposes of confidential information to meet the entity’s objectives related to confidentiality.

FACULTAD ECONOMÍA Y NEGOCIOS
UNIVERSIDAD DE CHILE

CERTIFICADO

Por medio del presente documento, se certificó que, efectuada la búsqueda en la tienda electrónica de Mercado Público www.mercadopublico.cl , respecto a la contratación de **Licencias software Bloomberg Terminal** objeto de la contratación directa en la cual se hace presente se observó lo siguiente:



No se encuentra disponibilidad del servicio requerido, en la tienda electrónica de Mercado Público www.mercadopublico.cl.

Felipe Ibáñez Rodríguez

Firmado digitalmente por Felipe Ibáñez Rodríguez
Fecha: 2022.11.30 13:12:43 -03'00'

Sin otro particular

Santiago, octubre 2022.

FACULTAD ECONOMÍA Y NEGOCIOS UNIVERSIDAD DE CHILE

Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl>

Re:Solicita Coordinación Reunión Bloomberg

15 mensajes

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 11 de agosto de 2022, 12:15
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: MJARA@unegocios.cl, clraddatz@fen.uchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, mjarab@fen.uchile.cl, scifuentes@fen.postgradouchile.cl
Cc: bpaschkes@bloomberg.net, jdebrito@bloomberg.net

Estimados, gracias por la reunión hoy.

De acuerdo con lo que conversamos, envié hoy los contractos de los 4 terminales para el laboratorio de la FEN. Los contractos llegarón a Mauricio Jara (mjara@unegocios.cl) por un link de Bloomberg. Estoy haciendo la solicitud a nuestro equipo de contractos para que se lo reenvie a todos ustedes para que lo tengan.

Como les comentava, el costo del Bloomberg es de $2020 / mensuales.
> Con 3 licencias, les da derecho de tener 12 estaciones Bloomberg a $6060/mensuales
> Con 4 licencias, les da derecho de tener 16 estaciones Bloomberg a $8080/ mensuales. Además de la licencia, esta es la opción que les da derecho de tener hasta 300 alumnos por año haciendo el curso BMC, con la certificación, desde un aceso remoto al portal web (es decir, no necesitan ocupar los terminales del laboratorio para hacerlo, puden hacer desde cualquier otro computador). *(esta es generalmente la opcion que toman las universidades)*

Adjunto les envio tambien los materiales de Bloomberg para universidades y un borrador del contracto. Para firma, hay que usar el link que yo les envié.

El contracto empieza asi que ustedes instalen los terminales y hagan login por la primer vez. Asi, mismo que lo firmen antes, pueden escoger cuando es que quieren arrancar con el laboratorio.

Por fin, aguardo la revisión del contracto de parte de ustedes para que me indiquen cuales son los documentos faltantes de nuestro lado y les propongo que agendemos la semana del 22 de agosto una visita a la instalaciones de ustedes (estoy abierta para que me propongan una hora que mejor les acomoda).

Saludos,

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: scifuentes@fen.postgradouchile.cl At: 08/09/22 13:45:33 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Subject: Solicita Coordinación Reunión Bloomberg

Estimada Thais, junto con saludar quisiera coordinar reunión con Uds. y el Director de la Escuela de Postgrado de la Facultad de Economía y Negocios Profesor Mauricio Jara, entiendo que han habido conversaciones previas en torno a la plataforma de Bloomberg y se requiere retomar.

Un afectuoso saludo y quedo atenta a tus comentarios, de igual forma nuestra disponibilidad de agenda es: Jueves a las 12:00 o de 15:00 en adelante.

Sandra Cifuentes R.
Asistente de Direcciòn
Escuela de Postgrado, Economía y Negocios

http://fen.postgradouchile.cl

Universidad de Chile, Facultad de Economía y Negocios
Diagonal Paraguay 205, 3er Piso Edificio Corporativo (Z)
Fono: (+56 2) 2978 3461

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5 adjuntos

- **Apresentacion - BMC.pdf** 5178K
- **Borrador del contracto.pdf** 17K
- **contracto master - Bloomberg.pdf** 80K
- **Datos generales - Bloomberg.pdf** 61K
- **IVA - Tax form.pdf** 25K

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 16 de agosto de 2022, 13:04
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: MJARA@unegocios.cl, clraddatz@fen.uchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, mjarab@fen.uchile.cl, scifuentes@fen.postgradouchile.cl
Cc: bpaschkes@bloomberg.net, jdebrito@bloomberg.net

Estimados, como están ?

Como está la agenda de utds para agendarmos una reunion presencial la proxima semana ?

Quedo atenta a la disponibilidad,

saludos,
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5 adjuntos

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- **Borrador del contracto.pdf** 17K
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- **Datos generales - Bloomberg.pdf** 61K
- **IVA - Tax form.pdf**

25K

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 18 de agosto de 2022, 14:15
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: MJARA@unegocios.cl, clraddatz@fen.uchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, mjarab@fen.uchile.cl, scifuentes@fen.postgradouchile.cl
Cc: bpaschkes@bloomberg.net, jdebrito@bloomberg.net

Estimados,

han podido revisar mi correo?
Yo estaré en Santiago la proxima semana, y como les havia comentado, me encantaria poder agendar una cita presencial con utds para conocer la universidad y apoyarles con cualquier duda respecto a las propuestas enviadas.

Quedo atenta a la disponibilidad de ustedes,

saludos
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5 adjuntos

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Mauricio Jara <mjarab@fen.uchile.cl> 18 de agosto de 2022, 14:42
Para: Thais Araujo <taraujodasil@bloomberg.net>
Cc: Mauricio Jara <MJARA@unegocios.cl>, Claudio Raddatz <clraddatz@fen.uchile.cl>, Daniela Rebolledo Musalem <drebolledo@fen.uchile.cl>, Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl>, Sandra Cifuentes Riquelme <scifuentes@fen.postgradouchile.cl>, bpaschkes@bloomberg.net, jdebrito@bloomberg.net

Hola Thais, encantados de recibirte en FEN.
Dinos tu disponibilidad de dias y horarios para poder hacer calzarlo con la disponibilidad nuestra.
Abrazos
[El texto citado está oculto]

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 19 de agosto de 2022, 8:32
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: mjarab@fen.uchile.cl
Cc: MJARA@unegocios.cl, bpaschkes@bloomberg.net, clraddatz@fen.uchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, jdebrito@bloomberg.net, scifuentes@fen.postgradouchile.cl

Estimado Mauricio,

a mi me acomodaria el Lunes, 22/08, despues de las 14hs o el miércoles 24/08 , por la mañana.

Ustedes tienen disponibilidad en uno de estos horarios?

Saludos,

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

[El texto citado está oculto]
[El texto citado está oculto]
[El texto citado está oculto]

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 22 de agosto de 2022, 21:59
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: mjarab@fen.uchile.cl
Cc: MJARA@unegocios.cl, bpaschkes@bloomberg.net, clraddatz@fen.uchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, jdebrito@bloomberg.net, scifuentes@fen.postgradouchile.cl

Estimados,

Alguna novedad respecto a la disponibilidad de ustedes para una reunion presencial?

Me quedo atenta,

Saludos,

Sent from Bloomberg Professional for Android
[El texto citado está oculto]
[El texto citado está oculto]

Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl> 6 de septiembre de 2022, 14:05
Para: Thais Araujo <taraujodasil@bloomberg.net>

Buenos días Estimada Thais,

Junto con saludar agradeceré que nos podamos reunirnos unos minutos para realizar unas consultas administrativas del proceso.

Felipe Ibáñez Rodríguez
Jefe Unidad de Adquisiciones
Dirección Económica Administrativa

fibanez@fen.uchile.cl
Teléfono:+5629783303 Cel: +56 9 99090209

Universidad de Chile, Facultad de Economía y Negocios
Diagonal Paraguay 257 - Edificio Z, Piso 4, Zona 3

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FACULTAD ECONOMÍA Y NEGOCIOS UNIVERSIDAD DE CHILE

[El texto citado está oculto]

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 6 de septiembre de 2022, 14:12

Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: fibanez@fen.uchile.cl

Hola Felipe,

claro que si. Cuando te acomodaria mejor durante esta semana ?

Saludos

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: fibanez@fen.uchile.cl At: 09/06/22 15:05:38 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Subject: Re: Solicita Coordinación Reunión Bloomberg

[El texto citado está oculto]
[El texto citado está oculto]

Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl> 7 de septiembre de 2022, 13:59
Para: Thais Araujo <taraujodasil@bloomberg.net>

Buenisimo esta semana puedo Mañana jueves a cualquier hora de la tarde.

Felipe Ibáñez Rodríguez
Jefe Unidad de Adquisiciones
Dirección Económica Administrativa

fibanez@fen.uchile.cl
Teléfono:+5629783303 Cel: +56 9 99090209

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[El texto citado está oculto]

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 7 de septiembre de 2022, 20:09
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: fibanez@fen.uchile.cl

Te envié una cita para mañana 14hs ! Avisame si funciona para ti !
nos vemos

Thais Araujo da Silva

Relationship Manager | Sell Side Chile

Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

[El texto citado está oculto]
[El texto citado está oculto]
[El texto citado está oculto]

Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl> 7 de septiembre de 2022, 21:59
Para: Thais Araujo <taraujodasil@bloomberg.net>

OK!

Felipe Ibáñez Rodríguez
Jefe Unidad de Adquisiciones
Dirección Económica Administrativa

fibanez@fen.uchile.cl
Teléfono:+5629783303 Cel: +56 9 99090209

Universidad de Chile, Facultad de Economía y Negocios
Diagonal Paraguay 257 - Edificio Z, Piso 4, Zona 3

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En FEN vivimos la sustentabilidad.

[El texto citado está oculto]

Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl> 8 de septiembre de 2022, 14:03
Para: Thais Araujo <taraujodasil@bloomberg.net>

Thais una consulta tengo un problema con mi calendario, la reu es a las 14.00 o a las 15.00?

Slds
Felipe Ibáñez R.
[El texto citado está oculto]

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 8 de septiembre de 2022, 14:03
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: fibanez@fen.uchile.cl

Hola Felipe,

ya estoy en https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZThiNGNiZGItNGQwZS00MDdmLTk1NmQtMGFkYWQyNzk1MTU5%40thread.v2/0?context=%7b%22Tid%22%3a%22354f7e8a-12e7-416f-bc40-06acb374f58d%22%2c%22Oid%22%3a%22ba8d09f2-a1b1-40a6-a706-41e717697f6b%22%7d

nos vemos =)

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443

Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: fibanez@fen.uchile.cl At: 09/07/22 23:00:09 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Subject: Re: Solicita Coordinación Reunión Bloomberg

OK!

Felipe Ibáñez Rodríguez
Jefe Unidad de Adquisiciones
Dirección Económica Administrativa

fibanez@fen.uchile.cl
Teléfono:+5629783303 Cel: +56 9 99090209

Universidad de Chile, Facultad de Economía y Negocios
Diagonal Paraguay 257 - Edificio Z, Piso 4, Zona 3

Por un Campus Sustentable, no imprima este correo si no es realmente necesario.
En FEN vivimos la sustentabilidad.

El mié, 7 sept 2022 a las 20:09, Thais Araujo (BLOOMBERG/ SAO PAULO) (<taraujodasil@bloomberg.net>) escribió:

> Te envié una cita para mañana 14hs ! Avisame si funciona para ti !
> nos vemos
>
> ---
>
> Thais Araujo da Silva
>
> Relationship Manager | Sell Side Chile
> Bloomberg LP
> Direct: +56 2 24874039 // + 55 11 2395-9443
> Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
> E-mail: taraujodasil@bloomberg.net
>
> [El texto citado está oculto]
> [El texto citado está oculto]
> [El texto citado está oculto]

[El texto citado está oculto]

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 8 de septiembre de 2022, 14:04
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: fibanez@fen.uchile.cl

14 de chile !

Thais Araujo da Silva

Relationship Manager | Sell Side Chile

Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: fibanez@fen.uchile.cl At: 09/08/22 15:03:24 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Subject: Re: Solicita Coordinación Reunión Bloomberg

> Thais una consulta tengo un problema con mi calendario, la reu es a las 14.00 o a las 15.00?
>
> Slds
> Felipe Ibáñez R.
>
> El mié., 7 sep. 2022 1:59 p. m., Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl> escribió:
> [El texto citado está oculto]

[El texto citado está oculto]

Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl> 8 de septiembre de 2022, 14:07
Para: Thais Araujo <taraujodasil@bloomberg.net>

Me sumo en 2 min

Slds
Felipe Ibáñez R.
[El texto citado está oculto]

FACULTAD ECONOMÍA Y NEGOCIOS UNIVERSIDAD DE CHILE

Manuel Jeraldino Mena <mjeraldino@fen.uchile.cl>

Fwd:Re:Fwd: Solicita Coordinación Reunión Bloomberg

1 mensaje

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 19 de diciembre de 2022, 9:12
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: fibanez@fen.uchile.cl, mjeraldino@fen.uchile.cl
Cc: bpaschkes@bloomberg.net

FYI

From: Thais Araujo (BLOOMBERG/ SAO PAULO) At: 11/10/22 15:33:29 UTC-3:00
To: fibanez@fen.uchile.cl
Subject: Re:Fwd: Solicita Coordinación Reunión Bloomberg

+ documentos

From: Thais Araujo (BLOOMBERG/ SAO PAULO) At: 11/10/22 15:31:53 UTC-3:00
To: fibanez@fen.uchile.cl
Subject: Re:Fwd: Solicita Coordinación Reunión Bloomberg

Hola Felipe,

segun lo conversado, sigue adjunto los documentos.
Algunas observaciones:

Cuando a la propuesta comercial en español, deven considerar mi primer mail de esta cadena de correos. Esta propuesta solo es valida para contractos firmados y instalados hasta 31/12/2022. Despues de esta fecha, los nuevos contractos estan sujetos a un reajuste de 9.65% en sus precios.

Respecto a la carta de propriedad, quedo pendiente de enviarla a ustedes.

saludos

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: fibanez@fen.uchile.cl At: 11/10/22 13:55:03 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Subject: Fwd: Solicita Coordinación Reunión Bloomberg

Estimada Thais,

Solo saludar y reiterar lo consultado.

Felipe Ibáñez Rodríguez
Jefe Unidad de Adquisiciones
Dirección Económica Administrativa

fibanez@fen.uchile.cl
Teléfono:+5629783303
Cel: +56 9 99090209

Universidad de Chile, Facultad de Economía y Negocios
Diagonal Paraguay 257 - Edificio Z, Piso 4, Zona 3

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En FEN vivimos la sustentabilidad.

---------- Forwarded message ---------
De: **Bastian Lapierre** <blapierre@fen.uchile.cl>
Date: jue, 10 nov 2022 a las 0:34
Subject: Re: Solicita Coordinación Reunión Bloomberg
To: Thais Araujo <taraujodasil@bloomberg.net>
Cc: <jdebrito@bloomberg.net>, <bpaschkes@bloomberg.net>, Daniela Rebolledo Musalem <drebolledo@fen.uchile.cl>, Sandra Cifuentes Riquelme <scifuentes@fen.postgradouchile.cl>, Claudio Raddatz <clraddatz@fen.uchile.cl>, <MJARA@unegocios.cl>, Gloria Fuentes Veloso <gfuentes@fen.uchile.cl>, Felipe Ibañez Rodriguez <fibanez@fen.uchile.cl>

Estimada Thais,

Junto con saludar, el presente correo es para recordar enviar los documentos mencionados por Felipe Ibañez en correo que precede, estos son;

- Cotización 4 canales (en español)
- Versión de contrato 4 canales (en español)
- Opciones o recomendaciones de Layout
- Requerimientos técnicos de los equipos (La idea es asegurarnos de usar computadores que permitan el óptimo o adecuado funcionamiento de la herramienta).
- Carta de propiedad industrial o intelectual de la herramienta Bloomblerg.

Quedo atento a sus comentarios,

Saludos cordiales,

Bastian Lapierre C.
Profesional Unidad de Adquisiciones
Dirección Económica y Administrativa
blapierre@fen.uchile.cl
Teléfono: +56 2 29772086

Universidad de Chile,
Facultad de Economía y
Negocios
Diagonal Paraguay 205,
Edificio Corporativo, 4to piso

El lun, 7 nov 2022 a las 14:47, Felipe Ibañez Rodriguez (<fibanez@fen.uchile.cl>) escribió:

> Estimada Thais
>
> Junto con saludar y esperando te encuentres muy bien, escribo para recordar el envío de lo comprometido:
>
> - Cotización 4 canales (en español)
> - Versión de contrato 4 canales (en español)
> - Opciones o recomendaciones de Layout
> - Requerimientos técnicos de los equipos (La idea es asegurarnos de usar computadores que permitan el óptimo o adecuado funcionamiento de la herramienta).
> - Carta de propiedad industrial o intelectual de la herramienta Bloomblerg.
>
> Adicionalmente, adjunto formato de declaración Jurada , para vuestra revisión y firma en caso de ser factible, entendiendo que por vuestra parte disponibilizan un documento denominado SOC 3 para tales efectos, en este contexto agradeceré indicar si disponen de alguna versión oficial de dicho SOC3, traducida al español y enviar en conjunto con los antecedentes antes indicados.
>
> Quedo atento a cualquier consulta o comentario.

Felipe Ibáñez Rodríguez
Jefe Unidad de Adquisiciones
Dirección Económica Administrativa

fibanez@fen.uchile.cl
Teléfono:+5629783303
Cel: +56 9 99090209

Universidad de Chile, Facultad de Economía y Negocios
Diagonal Paraguay 257 - Edificio Z, Piso 4, Zona 3

Por un Campus Sustentable, no imprima este correo si no es realmente necesario.
En FEN vivimos la sustentabilidad.

El jue, 6 oct 2022 a las 14:18, Thais Araujo (BLOOMBERG/ SAO PAULO) (<taraujodasil@bloomberg.net>) escribió:

> Estimados,
>
> yo incluso escribi recien a Felipe Ibañez, pero me gustaria extender la invitación a ustedes:La proxima semana yo estaré en Santiago con el gerente general de Bloomberg

para los paises andinos, y me encantaria poder llevarlo a la Fen Chile y presentarlo a ustedes. A respecto, tienen disponibilidad en algun nomento por la mañana, la proxima semana, para agendarmos una cita presencial ?

Que les parece?

Saludos,

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: mjarab@fen.uchile.cl At: 08/18/22 15:42:26 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Cc: MJARA@unegocios.cl, clraddatz@fen.uchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, scifuentes@fen.postgradouchile.cl, Bruno Paschkes (BLOOMBERG/ SAO PAULO) , Julia de Brito (BLOOMBERG/ SAO PAULO)
Subject: Re: Solicita Coordinación Reunión Bloomberg

> Hola Thais, encantados de recibirte en FEN.
> Dinos tu disponibilidad de dias y horarios para poder hacer calzarlo con la disponibilidad nuestra.
> Abrazos
>
> El jue, 18 de ago. de 2022 2:15 p. m., Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> escribió:
>> Estimados,
>>
>> han podido revisar mi correo?
>> Yo estaré en Santiago la proxima semana, y como les havia comentado, me encantaria poder agendar una cita presencial con utds para conocer la universidad y apoyarles con cualquier duda respecto a las propuestas enviadas.
>>
>> Quedo atenta a la disponibilidad de ustedes,
>>
>> saludos
>>
>> From: Thais Araujo (BLOOMBERG/ SAO PAULO) At: 08/16/22 14:04:51 UTC-3:00
>> To: mjarab@fen.uchile.cl, clraddatz@fen.uchile.cl, scifuentes@fen.postgradouchile.cl, drebolledo@fen.uchile.cl, fibanez@fen.uchile.cl, MJARA@UNEGOCIOS.CL
>> Cc: Bruno Paschkes (BLOOMBERG/ SAO PAULO) , Julia de Brito (BLOOMBERG/ SAO PAULO)
>> Subject: Re:Solicita Coordinación Reunión Bloomberg
>>
>> Estimados, como están ?
>>
>> Como está la agenda de utds para agendarmos una reunion presencial la proxima semana ?
>>
>> Quedo atenta a la disponibilidad,
>>
>> saludos,
>>
>> From: Thais Araujo (BLOOMBERG/ SAO PAULO) At: 08/11/22 13:15:21 UTC-3:00

To: MJARA@UNEGOCIOS.CL, fibanez@fen.uchile.cl, drebolledo@fen.uchile.cl, mjarab@fen.uchile.cl, clraddatz@fen.uchile.cl, scifuentes@fen.postgradouchile.cl
Cc: Julia de Brito (BLOOMBERG/ SAO PAULO) , Bruno Paschkes (BLOOMBERG/ SAO PAULO)
Subject: Re:Solicita Coordinación Reunión Bloomberg

Estimados, gracias por la reunión hoy.

De acuerdo con lo que conversamos, envié hoy los contractos de los 4 terminales para el laboratorio de la FEN. Los contractos llegarón a Mauricio Jara (mjara@unegocios.cl) por un link de Bloomberg. Estoy haciendo la solicitud a nuestro equipo de contractos para que se lo reenvie a todos ustedes para que lo tengan.

Como les comentava, el costo del Bloomberg es de $2020 / mensuales.
> Con 3 licencias, les da derecho de tener 12 estaciones Bloomberg a $6060/mensuales
> Con 4 licencias, les da derecho de tener 16 estaciones Bloomberg a $8080/ mensuales. Además de la licencia, esta es la opción que les da derecho de tener hasta 300 alumnos por año haciendo el curso BMC, con la certificación, desde un aceso remoto al portal web (es decir, no necesitan ocupar los terminales del laboratorio para hacerlo, puden hacer desde cualquier otro computador). *(esta es generalmente la opcion que toman las universidades)*

Adjunto les envio tambien los materiales de Bloomberg para universidades y un borrador del contracto. Para firma, hay que usar el link que yo les envié.

El contracto empieza asi que ustedes instalen los terminales y hagan login por la primer vez. Asi, mismo que lo firmen antes, pueden escoger cuando es que quieren arrancar con el laboratorio.

Por fin, aguardo la revisión del contracto de parte de ustedes para que me indiquen cuales son los documentos faltantes de nuestro lado y les propongo que agendemos la semana del 22 de agosto una visita a la instalaciones de ustedes (estoy abierta para que me propongan una hora que mejor les acomoda).

Saludos,

Thais Araujo da Silva

Relationship Manager | Sell Side Chile
Bloomberg LP
Direct: +56 2 24874039 // + 55 11 2395-9443
Linkedin: https://www.linkedin.com/in/thais-araujo-361354b0/?originalSubdomain=br
E-mail: taraujodasil@bloomberg.net

From: scifuentes@fen.postgradouchile.cl At: 08/09/22 13:45:33 UTC-3:00
To: Thais Araujo (BLOOMBERG/ SAO PAULO)
Subject: Solicita Coordinación Reunión Bloomberg

> Estimada Thais, junto con saludar quisiera coordinar reunión con Uds. y el Director de la Escuela de Postgrado de la Facultad de Economía y Negocios Profesor Mauricio Jara, entiendo que han habido conversaciones previas en torno a la plataforma de Bloomberg y se requiere retomar.

Un afectuoso saludo y quedo atenta a tus comentarios, de igual forma nuestra disponibilidad de agenda es:
Jueves a las 12:00 o de 15:00 en adelante.

Sandra Cifuentes R.
Asistente de Direcciòn
Escuela de Postgrado, Economía y Negocios
http://fen.postgradouchile.cl

Universidad de Chile,
Facultad de Economía y Negocios
Diagonal Paraguay 205, 3er Piso Edificio Corporativo (Z)
Fono: (+56 2) 2978 3461

<< {CL} Sellside RM {CL} Live help? pulse <HELP> 2X o llame +56-2-2487-4000 >>

<< {CL} Sellside RM {CL} Live help? pulse <HELP> 2X o llame +56-2-2487-4000 >>

<< {CL} Sellside RM {CL} Live help? pulse <HELP> 2X o llame +56-2-2487-4000 >>

FACULTAD ECONOMÍA Y NEGOCIOS UNIVERSIDAD DE CHILE

Manuel Jeraldino Mena <mjeraldino@fen.uchile.cl>

Press Release - University

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 9 de enero de 2023, 18:04
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: mjeraldino@fen.uchile.cl

Dear University Representative,

Congratulations on your university's subscription to the Bloomberg Terminal. Your students and faculty will now be able to access the same data, news and analytics used by the world's leading corporations, governments and investment firms.

We are pleased to be working with you to incorporate this powerful platform into your academic programs. We believe that the Bloomberg Terminal will serve as an extensive resource for faculty members across many disciplines, and give your students a competitive advantage toward their careers.

We ask that you forward this document to your corporate communications office if your university would like to announce the addition of the Bloomberg Terminal or a Bloomberg Finance Lab to your campus. Bloomberg requires that all mentions of the company and its services be approved by the firm's Corporate Communications before issuance.

Here is a press release template and contacts for Bloomberg's Corporate Communications members around the world. Please send your press release approval requests to:

Americas: Pam Snook, pamsnook@bloomberg.net, +1-212-617-7652
Europe/Middle East/Africa: Anna Schoeffler, aschoeffler1@bloomberg.net, +44-20-35250776
Asia: Grace Ngoh, gngoh2@bloomberg.net, +65-62313690

Below is a sample press release template universities can use to announce the addition of the Bloomberg Terminal and/or Bloomberg Finance Lab. While you are not required to use this template, it includes preapproved language that should be included in any release describing Bloomberg's services. Pricing information should not be disclosed. Please note that all announcements mentioning Bloomberg must be approved by Bloomberg Corporate Communications.

XYZ UNIVERSITY OFFERS THE BLOOMBERG TERMINAL

Students access platform used by leaders of business and finance

City/town, date, year – XYZ University today announced that students can now access the Bloomberg Terminal/Bloomberg Finance Lab that is used by leading business and financial professionals worldwide.

The Bloomberg Terminal is a software platform that provides real-time and historical data, market moving news and analytics to help leading business and financial professionals worldwide make better informed investment decisions. The service also features execution platforms for every asset class, research and a global network to communicate securely and reliably.

The university's subscriptions to the Bloomberg Terminal will serve as a resource for both students and professors. It will enable students to become familiar with tools used in financial services, reinforcing classroom theory, while professors can use it to further their own research.

[Insert university spokesperson quote]

About XYZ University

[Insert disclaimer]

XYZ University Media Contact
[Insert media contact's name, e-mail and phone number]

Thais Araujo da Silva

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Dear University Representative,

Congratulations on your university's subscription to the Bloomberg Terminal. Your students and faculty will now be able to access the same data, news and analytics used by the world's leading corporations, governments and investment firms.

We are pleased to be working with you to incorporate this powerful platform into your academic programs. We believe that the Bloomberg Terminal will serve as an extensive resource for faculty members across many disciplines, and give your students a competitive advantage toward their careers.

We ask that you forward this document to your corporate communications office if your university would like to announce the addition of the Bloomberg Terminal or a Bloomberg Finance Lab to your campus. Bloomberg requires that all mentions of the company and its services be approved by the firm's Corporate Communications before issuance.

Here is a press release template and contacts for Bloomberg's Corporate Communications members around the world. Please send your press release approval requests to:

- Americas: Pam Snook, pamsnook@bloomberg.net, +1-212-617-7652
- Europe/Middle East/Africa: Anna Schoeffler, aschoeffler1@bloomberg.net, +44-20-35250776
- Asia: Grace Ngoh, gngoh2@bloomberg.net, +65-62313690

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Press Release and Publication Guidelines

Below are basic guidelines for universities wishing to issue a press release mentioning the Bloomberg Terminal.

Guidelines:

- Every mention of Bloomberg must be approved by Bloomberg Corporate Communications*
- To issue a press release mentioning Bloomberg, The Bloomberg Terminal and/or a Bloomberg Finance Lab, the university must first have a subscription and a signed contract with Bloomberg
- Bloomberg Corporate Communications requests at least 10 days notice before the university wants to issue its press release -- this will give Corporate Communications time to review the release and to correspond with the university regarding any changes
- We ask universities to refrain from publishing online supplemental documents for students, such as cheat sheets or guidelines
- Pricing information, in any capacity, should not be discussed in the release or in media interviews
- If a Bloomberg employee is to be quoted in the release or any articles related to Bloomberg, Corporate Communications will identify/approve of the appropriate spokesperson
- Bloomberg approved language in the press release template may not be altered without the permission of Bloomberg Corporate Communications
- Bloomberg reserves the right to accept or deny a request to use an image. If a university wishes to use an image to accompany the press release, please contact Bloomberg Corporate Communications to get authorization for images

Please note that if a university wants to name its trading lab after the Bloomberg service, the university must get permission from Blair Wilkie with Bloomberg for Education at bwilkie@bloomberg.net

These are meant to serve as general guidelines. They do not cover every circumstance that would allow us to approve or not approve a press release. While Bloomberg encourages universities to spread positive news about their access to the Bloomberg Terminal, we request that you contact Corporate Communications directly.

*Bloomberg's Corporate Communications members around the world. Please send your press release approval requests to:

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- Asia: Grace Ngoh, gngoh2@bloomberg.net, +65-62313690

University Press Release Template

Below is a sample press release template universities can use to announce the addition of the Bloomberg Terminal and/or Bloomberg Finance Lab. While you are not required to use this template, it includes preapproved language that should be included in any release describing Bloomberg's services. Pricing information should not be disclosed. Please note that all announcements mentioning Bloomberg must be approved by Bloomberg Corporate Communications.

XYZ UNIVERSITY OFFERS THE BLOOMBERG TERMINAL

Students access platform used by leaders of business and finance

City/town, date, year – XYZ University today announced that students can now access the BloombergTerminal/Bloomberg Finance Lab that is used by leading business and financial professionals worldwide.

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[Insert university spokesperson quote]

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[Insert disclaimer]

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FACULTAD ECONOMÍA Y NEGOCIOS UNIVERSIDAD DE CHILE

Manuel Jeraldino Mena <mjeraldino@fen.uchile.cl>

Solicitud de aclaraciones

Thais Araujo (BLOOMBERG/ SAO PAULO) <taraujodasil@bloomberg.net> 10 de enero de 2023, 21:33
Responder a: Thais Araujo <taraujodasil@bloomberg.net>
Para: jdebrito@bloomberg.net, mjeraldino@fen.uchile.cl

Hola Manuel,

sigue abajo mis respuestas:

- Quisiera confirmar el plazo que demora la tramitación de la garantía / carta de crédito que ustedes nos entregarán para garantizar el fiel cumplimiento de la contratación. >> tenemos un ETA de 14 dias para que se efectue la emision de la garantia
- Confirmación sobre entrega de las pantallas y teclados Bloomberg. >> seran entregues, estan pendiente de liberación de nuestro COO para poder gestionar la entrega
- Ofrecimientos de elementos decorativos para nuestros laboratorios. >> estoy pendiente que ustedes me envien la encuesta de cuales materiales decorativos requieren para poder empezar la produccion de los materiales

Cualquier duda, Julia podrá apoyarte directamente durante esta semana como mi back up.

Saludos,

Thais Araujo da Silva

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