

**City and County of San Francisco
Office of Contract Administration
Purchasing Division
City Hall, Room 430
1 Dr. Carlton B. Goodlett Place
San Francisco, California 94102-4685**

**SOFTWARE LICENSE, MAINTENANCE, AND CLOUD SERVICES P-545
AGREEMENT BETWEEN
THE CITY AND COUNTY OF SAN FRANCISCO**

AND

MYTHICS, INC.

This agreement (the "P-545 Agreement") is made this 30th day of November, 2017, in the City and County of San Francisco, State of California, by and between: Mythics Inc., hereinafter referred to as "Contractor," and the City and County of San Francisco, a municipal corporation, hereinafter referred to as "City," acting by and through its Director of the Office of Contract Administration, hereinafter referred to as "Purchasing" and the San Francisco Public Utilities Commission ("SFPUC").

Recitals

WHEREAS, the SFPUC through the Office of Contract Administration conducted a Request for Proposals (WP17001780) for the purchase of certain as-needed perpetual licenses ("Programs"), software support for perpetual licenses ("Programs Technical Support") and cloud services ("Cloud Services"); and

WHEREAS Contractor was the selected proposer in response WP17001780; and

WHEREAS the SFPUC now wishes to procure certain as-needed Programs, Programs Technical Support and Cloud Services in accordance with Appendix A; and

WHEREAS, the General Manager of the San Francisco Public Utilities Commission approved this P-545 Agreement pursuant to the delegated authority granted by the Commission under Resolution No. 17-0179; and

WHEREAS, the San Francisco Board of Supervisors approved this P-545 Agreement pursuant to File #170669; and

WHEREAS, Contractor represents and warrants that it is qualified to provide such Programs and Services required by City as set forth under this P-545 Agreement.

Now, THEREFORE, the parties agree as follows:

1. Definitions. Where any word or phrase defined below, or a pronoun used in place thereof, is used in any part of this P-545 Agreement, it shall have the meaning herein set forth.

P-545 Agreement	This document and any attached appendices and exhibits, including any future written and executed amendments.
Authorization; Authorization document	This P-545 Agreement, a Blanket Purchase Order, Contract Order, or Purchase Order of the City, properly executed by the SFPUC and Purchasing, and certified by the Controller for the specific funding of this P-545 Agreement or any modification thereof.
Programs and Cloud Services	One or more of the Programs and Cloud Services identified in Appendix A, including all related materials, Documentation, all corrections, patches or updates thereto, and other written information received by City from Contractor, whether in machine-readable or printed form. The Authorization Document may identify more than one Program or Cloud Services product or more than one copy of any product. The City's rights with respect to the Programs and are outlined in Appendix B. The City's rights with respect to the Cloud Services are outlined in Appendix C.
Programs Technical Support	Any and all activities carried out by Contractor in order to make available versions or updates of the Programs as outlined in Appendix B. The City's rights with respect to the Programs Technical Support and are outlined in Appendix B.

Whenever the words "as directed," "as required," "as permitted," or words of like effect are used, it shall be understood as the direction, requirement, or permission of the SFPUC. The words "sufficient," "necessary," or "proper," and the like, mean sufficient, necessary or proper in the judgment of the SFPUC, unless otherwise indicated by the context.

2. Certification of Funds; Budget and Fiscal Provisions; Termination in the Event of Non-Appropriation. This P-545 Agreement is subject to the budget and fiscal provisions of the City's Charter. Charges will accrue only after prior written authorization certified by the Controller, and the amount of City's obligation hereunder shall not at any time exceed the amount certified for the purpose and period stated in such advance authorization. This P-545 Agreement will terminate without penalty, liability or expense of any kind to City at the end of any fiscal year if funds are not appropriated for the next succeeding fiscal year. If funds are appropriated for a portion of the fiscal year, this P-545 Agreement will terminate, without penalty, liability or expense of any kind at the end of the term for which funds are appropriated. City has no obligation to make appropriations for this P-545 Agreement in lieu of appropriations for new or other agreements. City budget decisions are subject to the discretion of the Mayor and the Board of Supervisors. Contractor's assumption of risk of possible non-appropriation is part of the consideration of this P-545 Agreement.

THIS SECTION CONTROLS AGAINST ANY AND ALL OTHER PROVISIONS OF THIS P-545 AGREEMENT.

3. Effective Date of the P-545 Agreement. This P-545 Agreement shall become effective when the Controller has certified to the availability of funds and Contractor has been notified in writing. Contractor is under no obligation to deliver any goods or services under this P-545 Agreement until it receives written notice in the form of a Purchase Order from the City that it may do so.

4. Term of the P-545 Agreement. Subject to Section 5,

- a. The term of the Programs purchased and granted under Appendix B hereunder shall commence upon delivery of the Programs and shall continue in perpetuity unless sooner terminated in accordance with the provisions of this P-545 Agreement, provided City, at its sole discretion, exercises its right to purchase Programs under this P-545 Agreement by issuing a purchase order and paying Contractor in advance for said Programs based on charges then in effect and in accordance with Appendix A. The term of the orders will be stated on the ordering documents which shall in no event differ materially from those agreed to herein.
- b. Program Technical Support is available to purchase under Appendix B hereunder through March 22, 2023, provided City, at its sole discretion, exercises its right to purchase, on an annual basis, Program Technical Support under this P-545 Agreement by issuing a purchase order and paying Contractor quarterly in arrears for said annual Program Technical Support Services based on Program Technical Support charges then in effect and in accordance with Appendix A. The term of the orders will be stated on the ordering documents which shall in no event differ materially from those agreed to herein.
- c. Cloud Services are available to purchase under Appendix C hereunder through March 22, 2023, provided City, at its sole discretion, exercises its right to purchase, on an annual subscription basis, Cloud Services under this P-545 Agreement by issuing a purchase order and paying Contractor quarterly in arrears for said Cloud Services based on charges then in effect and in accordance with Appendix A. The term of the orders will be stated on the ordering documents which shall in no event differ materially from those agreed to herein.

5. Contractor's Default. Failure or refusal of Contractor to perform or do any act herein required shall constitute a default. In the event of any default, in addition to any other remedy available to City, this Contract may be terminated by City upon ten days written notice. Such termination does not waive any other legal remedies available to City.

6. Charges. All charges will be in accordance with and shall not exceed those outlined in Appendix A.

7. Warranties: Right to Grant License. Contractor hereby warrants that it has title to and/or the authority to grant a license of the Programs to the City.

8. Warranties: Conformity to Specifications.

- a. THE WARRANTY PROVISION OF APPENDIX B SHALL CONTROL FOR THE PROGRAMS AND PROGRAMS TECHNICAL SUPPORT.
- b. THE WARRANTY PROVISION OF APPENDIX C SHALL CONTROL FOR THE CLOUD SERVICES

9. **Payment.** Compensation shall be due and payable within 45 days of the date of invoice. In no event shall the amount of this P-545 Agreement exceed **Eleven Million, Eight Hundred Thirty Two Thousand, Nine Hundred Sixty Eight Dollars and Eight Nine Cents (\$11,832,968.89)**. The breakdown of costs associated with this P-545 Agreement is provided for in Appendix A. No charges shall be incurred under this P-545 Agreement nor shall any payments become due to Contractor until Programs, Cloud Services and/or Program Technical Support acquired under this P-545 Agreement are delivered by Contractor and approved by the SFPUC as being in accordance with this P-545 Agreement. In no event shall City be liable for interest or late charges for any late payments.

10. **Guaranteed Maximum Costs.** The City's obligation hereunder shall not at any time exceed the amount certified by the Controller for the purpose and period stated in such certification. Except as may be provided by City ordinances governing emergency conditions, the City and its employees and officers are not authorized to request Contractor to perform services or to provide materials, equipment and supplies that would result in Contractor performing services or providing materials, equipment and supplies that are beyond the scope of the services, materials, equipment and supplies agreed upon in the contract unless the P-545 agreement is amended in writing and approved as required by law to authorize additional services, materials, equipment or supplies. The City is not required to reimburse Contractor for services, materials, equipment or supplies that are provided by Contractor which are beyond the scope of the services, materials, equipment and supplies agreed upon in the contract and which were not approved by a written amendment to the P-545 agreement having been lawfully executed by the City. The City and its employees and officers are not authorized to offer or promise to Contractor additional funding for the contract which would exceed the maximum amount of funding provided for in the contract for Contractor's performance under the contract. Additional funding for the contract in excess of the maximum provided in the contract shall require lawful approval and certification by the Controller of the City and County of San Francisco. The City is not required to honor any offered or promised additional funding for a contract which exceeds the maximum provided in the contract which requires lawful approval and certification of the Controller when the lawful approval and certification by the Controller has not been obtained. The Controller is not authorized to make payments on any contract for which funds have not been certified as available in the budget or by supplemental appropriation.

11. **Invoice Format.** Invoices furnished by Contractor under this P-545 Agreement must be in a form acceptable to the Controller, and must include a unique identifying number. All amounts paid by City to Contractor shall be subject to audit by City. Payment shall be made by City to Contractor at the address specified in the section entitled "Notices to the Parties."

12. **Submitting False Claims; Monetary Penalties.** Pursuant to San Francisco Administrative Code §21.35, any contractor, subcontractor or consultant who submits a false claim shall be liable to the City for the statutory penalties set forth in that section. A contractor, subcontractor or consultant will be deemed to have submitted a false claim to the City if the contractor, subcontractor or consultant: (a) knowingly presents or causes to be presented to an

officer or employee of the City a false claim or request for payment or approval; (b) knowingly makes, uses, or causes to be made or used a false record or statement to get a false claim paid or approved by the City; (c) conspires to defraud the City by getting a false claim allowed or paid by the City; (d) knowingly makes, uses, or causes to be made or used a false record or statement to conceal, avoid, or decrease an obligation to pay or transmit money or property to the City; or (e) is a beneficiary of an inadvertent submission of a false claim to the City, subsequently discovers the falsity of the claim, and fails to disclose the false claim to the City within a reasonable time after discovery of the false claim.

13. Taxes. Payment of any taxes, including possessory interest taxes, and California sales and use taxes, levied upon this P-545 Agreement, the transaction, or the services delivered pursuant hereto, shall be the obligation of Contractor.

14. Payment Does Not Imply Acceptance of Work. Reserved.

15. Qualified Personnel. Reserved.

16. Responsibility for Equipment. City shall not be responsible for any damage to persons or property as a result of the use, misuse or failure of any equipment used by Contractor, or by any of its employees, even though such equipment be furnished, rented or loaned to Contractor by City. The acceptance or use of such equipment by Contractor or any of its employees means that Contractor accepts full responsibility for and agrees to exonerate, indemnify, defend and save harmless City from and against any and all claims for any damage or injury of any type arising from the use, misuse or failure of such equipment, whether such damage be to Contractor, its employees, City employees or third parties, or to property belonging to any of the above.

17. Independent Contractor; Payment of Taxes and Other Expenses

a. **Independent Contractor.** Contractor or any agent or employee of Contractor shall be deemed at all times to be an independent contractor and is wholly responsible for the manner in which it performs the services and work requested by City under this P-545 Agreement. Contractor or any agent or employee of Contractor shall not have employee status with City, nor be entitled to participate in any plans, arrangements, or distributions by City pertaining to or in connection with any retirement, health or other benefits that City may offer its employees. Contractor or any agent or employee of Contractor is liable for the acts and omissions of itself, its employees and its agents. Contractor shall be responsible for all obligations and payments, whether imposed by federal, state or local law, including, but not limited to, FICA, income tax withholdings, unemployment compensation, insurance, and other similar responsibilities related to Contractor's performing services and work, or any agent or employee of Contractor providing same. Nothing in this P-545 Agreement shall be construed as creating an employment or agency relationship between City and Contractor or any agent or employee of Contractor. Any terms in this P-545 Agreement referring to direction from City shall be construed as providing for direction as to policy and the result of Contractor's work only, and not as to the means by which such a result is obtained. City does not retain the right to control the means or the method by which Contractor performs work under this P-545 Agreement.

b. **Payment of Taxes and Other Expenses.** Should City, in its discretion, or a relevant taxing authority such as the Internal Revenue Service or the State Employment Development Division, or both, determine that Contractor is an employee for purposes of collection of any employment taxes, the amounts payable under this P-545 Agreement shall be reduced by

amounts equal to both the employee and employer portions of the tax due (and offsetting any credits for amounts already paid by Contractor which can be applied against this liability). City shall then forward those amounts to the relevant taxing authority. Should a relevant taxing authority determine a liability for past services performed by Contractor for City, upon notification of such fact by City, Contractor shall promptly remit such amount due or arrange with City to have the amount due withheld from future payments to Contractor under this P-545 Agreement (again, offsetting any amounts already paid by Contractor which can be applied as a credit against such liability). A determination of employment status pursuant to the preceding two paragraphs shall be solely for the purposes of the particular tax in question, and for all other purposes of this P-545 Agreement, Contractor shall not be considered an employee of City. Notwithstanding the foregoing, should any court, arbitrator, or administrative authority determine that Contractor is an employee for any other purpose, then Contractor agrees to a reduction in City's financial liability so that City's total expenses under this P-545 Agreement are not greater than they would have been had the court, arbitrator, or administrative authority determined that Contractor was not an employee.

18. Insurance

a. Without in any way limiting Contractor's liability pursuant to the "Indemnification" section of this P-545 Agreement, Contractor must maintain in force, during the full term of the P-545 Agreement, insurance in the following amounts and coverages:

1) Workers' Compensation, in statutory amounts, with Employers' Liability Limits not less than \$1,000,000 each accident, injury, or illness; and

2) Commercial General Liability Insurance with limits not less than \$1,000,000 each occurrence Combined Single Limit for Bodily Injury and Property Damage, including Contractual Liability, Personal Injury, Products and Completed Operations; and

3) Commercial Automobile Liability Insurance with limits not less than \$1,000,000 each occurrence Combined Single Limit for Bodily Injury and Property Damage, including Owned, Non-Owned and Hired auto coverage, as applicable.

b. Commercial General Liability and Commercial Automobile Liability Insurance policies must be endorsed to provide:

1) Name as Additional Insured the City and County of San Francisco, its Officers, Agents, and Employees.

2) That such policies are primary insurance to any other insurance available to the Additional Insureds, with respect to any claims arising out of this P-545 Agreement, and that insurance applies separately to each insured against whom claim is made or suit is brought.

c. Regarding Workers' Compensation, Contractor hereby agrees to waive subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City for all work performed by the Contractor, its employees, agents and subcontractors.

d. All policies shall provide thirty days' advance written notice to the City of reduction or nonrenewal of coverages or cancellation of coverages for any reason. Notices shall be sent to the City address in the "Notices to the Parties" section.

e. Should any of the required insurance be provided under a claims-made form, Contractor shall maintain such coverage continuously throughout the term of this P-545 Agreement and, without lapse, for a period of three years beyond the expiration of this P-545 Agreement, to the effect that, should occurrences during the contract term give rise to claims made after expiration of the P-545 Agreement, such claims shall be covered by such claims-made policies.

f. Should any of the required insurance be provided under a form of coverage that includes a general annual aggregate limit or provides that claims investigation or legal defense costs be included in such general annual aggregate limit, such general annual aggregate limit shall be double the occurrence or claims limits specified above.

g. Should any required insurance lapse during the term of this P-545 Agreement, requests for payments originating after such lapse shall not be processed until the City receives satisfactory evidence of reinstated coverage as required by this P-545 Agreement, effective as of the lapse date. If insurance is not reinstated, the City may, at its sole option, terminate this P-545 Agreement effective on the date of such lapse of insurance.

h. Before commencing any operations under this P-545 Agreement, Contractor shall furnish to City certificates of insurance and additional insured policy endorsements with insurers with ratings comparable to A-, VIII or higher, that are authorized to do business in the State of California, and that are satisfactory to City, in form evidencing all coverages set forth above. Failure to maintain insurance shall constitute a material breach of this P-545 Agreement.

i. Approval of the insurance by City shall not relieve or decrease the liability of Contractor hereunder.

19. Indemnification and General Liability. Notwithstanding those sections pertaining to Infringement Indemnification in accordance with Appendices B and C, Contractor shall indemnify and save harmless City and its officers, agents and employees from, and, if requested, shall defend them against any and all loss, cost, damage, injury, liability, and claims thereof for injury to or death of a person, including employees of Contractor or loss of or damage to property, arising directly or indirectly from Contractor's performance of this P-545 Agreement, except to the extent that such indemnity is void or otherwise unenforceable under applicable law in effect on or validly retroactive to the date of this P-545 Agreement and except where such loss, damage, injury, liability or claim is the result of active negligence or willful misconduct of City and in not contributed to by any act of, or by any omission to perform some duty imposed by law or agreement on Contractor, its subcontractors or either's agent or employee. The foregoing indemnity shall include, without limitation, reasonable fees of attorneys, consultants and experts and related costs and City's costs of investigating any claims against the City. In addition to Contractor's obligation to indemnify City, Contractor specifically acknowledges and agrees that it has an immediate and independent obligation to defend City from any claim which actually or potentially falls within this indemnification provision, even if the allegations are or may be groundless, false or fraudulent, which obligation arises at the time such claim is tendered to Contractor by City and continues at all times thereafter.

20. Limitation of Liability

- a. THE LIMITATION OF LIABILITY PROVISION OF APPENDIX B SHALL CONTROL FOR THE PROGRAMS AND PROGRAMS TECHNICAL SUPPORT.
- b. THE LIMITATION OF LIABILITY PROVISION OF APPENDIX C SHALL CONTROL FOR THE CLOUD SERVICES
- c. NOTWITHSTANDING CONTRACTOR'S MONETARY LIABILITY LIMIT SET FORTH IN APPENDICES B AND C, CONTRACTOR AND CITY AGREE THAT THE LIMIT SET FORTH THEREIN SHALL NOT APPLY TO (1) DIRECT DAMAGES CAUSED BY CONTRACTOR'S OR ORACLE'S RECKLESS OR WILLFUL MISCONDUCT (2) LIMIT CLAIMS OR GENERAL DAMAGES THAT FALL WITHIN INSURANCE COVERAGE OF THIS CONTRACT, (3) WRONGFUL DEATH CAUSED BY CONTRACTOR AND/OR ORACLE, AND/OR (4) CONTRACTOR OBLIGATION TO INDEMNIFY AND DEFEND CITY PURSUANT TO THE GENERAL INDEMNIFICATION CLAUSE AND FOR IP INFRINGEMENT.

NOTWITHSTANDING THE MONETARY LIABILITY LIMIT SET FORTH IN APPENDICES B AND C AND SUBJECT TO SECTION C ABOVE, THE PARTIES AGREE THAT MYTHIC'S AGGREGATE LIABILITY FOR ALL DAMAGES ARISING OUT OF OR RELATED TO THIS AGREEMENT OR YOUR ORDER, WHETHER IN CONTRACT OR TORT, OR OTHERWISE, SHALL BE LIMITED TO TWO (2) TIMES THE TOTAL AMOUNTS ACTUALLY PAID TO MYTHICS FOR THE SERVICES UNDER THE ORDER GIVING RISE TO THE LIABILITY IN THE TWELVE (12) MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT GIVING RISE TO SUCH LIABILITY LESS ANY REFUNDS OR CREDITS RECEIVED UNDER SUCH ORDER. NOTHING IN THIS SECTION CHANGES ORACLE'S LIABILITY AS OUTLINED IN APPENDICES B AND/OR C.

21. Force Majeure.

- a. THE FORCE MAJEURE PROVISION OF APPENDIX B SHALL CONTROL FOR THE PROGRAMS AND PROGRAMS TECHNICAL SUPPORT.
- b. THE FORCE MAJEURE PROVISION OF APPENDIX C SHALL CONTROL FOR THE CLOUD SERVICES

22. Proprietary or Confidential Information of City. Contractor understands and agrees that, in the performance of the work or services under this P-545 Agreement or in contemplation thereof, Contractor may have access to private or confidential information which may be owned or controlled by City and that such information may contain proprietary or confidential details, the disclosure of which to third parties may be damaging to City. Contractor agrees that all information disclosed by City to Contractor shall be held in confidence and used only in the performance of the P-545 Agreement. Contractor shall exercise the same standard of care to protect such information as a reasonably prudent Contractor would use to protect its own proprietary data.

23. Protection of Private Information. Contractor has read and agrees to the terms set forth in San Francisco Administrative Code Sections 12M.2, "Nondisclosure of Private Information," and 12M.3, "Enforcement" of Administrative Code Chapter 12M, "Protection of Private Information," which are incorporated herein as if fully set forth. Contractor agrees that any failure of Contractor to comply with the requirements of Section 12M.2 of this Chapter shall be a material breach of the Contract. In such an event, in addition to any other remedies available to it under equity or law, the City may terminate the Contract, bring a false claim action against the Contractor pursuant to Chapter 6 or Chapter 21 of the Administrative Code, or debar the Contractor.

24. Termination

a. **Basis for Termination for Convenience by City:** City shall have the right, without further obligation or liability to Mythics to immediately terminate this P-545 Agreement or an applicable order hereunder if for its convenience including if funding is not appropriated for this Contract or an applicable order hereunder as per California Article XVI Section 18, generally and City admin Section 21.05(C) and Section 3.105 specifically. See Section 2 ("Certification of Funds; Budget and Fiscal Provisions; Termination in the Event of Non-Appropriation").

This clause does not affect City's obligation to pay for products or services that have already been delivered and accepted by City.

b. **Basis for Termination by Contractor for Programs and Programs Technical Support.** See section entitled "End of License Agreement" in appendix B.

c. **Basis for Termination by Contractor for Cloud Services.** See section entitled "End of Cloud Services Agreement" in appendix C.

d. **Survival.** This section and the following sections of this P-545 Agreement shall survive termination of expiration of this P-545 Agreement:

- | | |
|---|--|
| 12. Submitting False Claims; Monetary Penalties. | 22. Proprietary or Confidential Information of City. |
| 13. Taxes | 23. Protection of Private Information. |
| 14. Payment Does Not Imply Acceptance of Work. | 33. Non-Waiver of Rights. |
| 16. Responsibility for Equipment | 34. Modification of the P-545 Agreement |
| 17. Independent Contractor; Payment of Taxes and Other Expenses | 35. Administrative Remedy for Agreement Interpretation |
| 18. Insurance | 36. Agreement Made in California; Venue. |
| 19. Indemnification and General Liability. | 37. Construction |
| 20. Limitation of Liability. | |

This section and the following sections of Appendix B shall survive termination of expiration of this P-545 Agreement:

- Section G. Infringement Indemnification.
- Section K. Nondisclosure.
- Section M. Limitation of Liability

This section and the following sections of Appendix C shall survive termination of expiration of this P-545 Agreement:

- Section 13. Infringement Indemnification.
- Section 9. Nondisclosure.
- Section 12. Limitation of Liability.
- Section 10. Data Protection

25. Notice to the Parties. Unless otherwise indicated elsewhere in this P-545 Agreement or Appendices B and C, all written communications sent by the parties may be by U.S. mail, and e-mail, and shall be addressed as follows:

To City: SFPUC IT Services
525 Golden Gate Avenue, 5th Floor
San Francisco, CA 94112
Email: licenses@sfwater.org
Attention: Taraneh Moayed

To Contractor: Mythics, Inc.
1439 N. Great Neck Rd. Suite 201
Virginia Beach, VA 23454
Attention: General Counsel, Legal Department.

Either party may change the address to which notice is to be sent by giving written notice thereof to the other party. If e-mail notification is used, the sender must specify a Receipt notice. Any notice of default must be sent by registered mail.

26. Bankruptcy. In the event that either party shall cease conducting business in the normal course, become insolvent, make a general assignment for the benefit of creditors, suffer or permit the appointment of a receiver for its business or assets or shall avail itself of, or become subject to, any proceeding under the Federal Bankruptcy Act or any other statute of any state relating to insolvency or the protection of rights of creditors, then at the option of the other party this P-545 Agreement shall terminate and be of no further force and effect.

27. Subcontracting. Contractor is prohibited from subcontracting this P-545 Agreement or any part of it unless such subcontracting is first approved by City in writing. Neither party shall, on the basis of this P-545 Agreement, contract on behalf of or in the name of the other party. An agreement made in violation of this provision shall confer no rights on any party and shall be null and void.

28. Assignment.

- a. THE ASSIGNMENT PROVISION OF APPENDIX B SHALL CONTROL FOR THE PROGRAMS AND PROGRAMS TECHNICAL SUPPORT.
- b. THE ASSIGNMENT PROVISION OF APPENDIX C SHALL CONTROL FOR THE CLOUD SERVICES

29. Compliance with Americans with Disabilities Act. Contractor acknowledges that, pursuant to the Americans with Disabilities Act (ADA), programs, services and other activities provided by a public entity to the public, whether directly or through a contractor, must be accessible to the disabled public. Contractor shall provide the services specified in this P-545

Agreement in a manner that complies with the ADA and any and all other applicable federal, state and local disability rights legislation. Contractor agrees not to discriminate against disabled persons in the provision of services, benefits or activities provided under this P-545 Agreement and further agrees that any violation of this prohibition on the part of Contractor, its employees, agents or assigns will constitute a material breach of this P-545 Agreement. The extent to which an Oracle product is, prior to any customizations, capable of providing comparable access to individuals with disabilities consistent with the applicable provisions of the Architectural and Transportation Barriers Compliance Board standards set out in 36 CFR Part 1194 (known as 'Section 508'), effective as of June, 2001 or as revised effective March, 2017, and the Web Content Accessibility Guidelines (WCAG) version 2.0 level AA, is indicated by the dependencies, comments and exceptions (some of which may be significant, if any) noted on the applicable Voluntary Product Accessibility Templates (VPAT) available at www.oracle.com/accessibility for each product, when they are used in accordance with Oracle's associated documents and other written information, and provided that any assistive technologies and any other products used with them properly interoperate with them. In the event that no VPAT is available for a particular Oracle product, please contact the Oracle Accessibility Program Office at accessible_ww@oracle.com. In some cases, the outcome may be that a product is still being evaluated for accessibility, may be scheduled to meet accessibility standards in a future release, or may not be scheduled to meet accessibility standards at all. Oracle Support customers with disabilities may use the online My Oracle Support or call Oracle Support at 1.800.223.1711. Hearing-impaired customers in the U.S. who wish to speak to an Oracle Support representative may use a telecommunications relay service (TRS). Information about the TRS is available at <http://www.fcc.gov/cgb/consumerfacts/trs.html>, and a list of telephone numbers is available at <http://www.fcc.gov/cgb/dro/trsphonebk.html>. International hearing-impaired customers should use the TRS at +1.605.224.1837. Oracle Support will respond to product accessibility issues according to the current Technical Support Policies. No other terms, conditions, statements or any other such representations regarding or related to accessibility shall apply to the Oracle products provided under this agreement. Oracle cannot make any commitments about future product directions, including plans to address accessibility or the availability of VPATs. Product direction remains at the sole discretion of Oracle.

30. Sunshine Ordinance. In accordance with San Francisco Administrative Code Section 67.24(e), contracts, contractors' bids, responses to requests for proposals and all other records of communications between City and persons or firms seeking contracts, shall be open to inspection immediately after a contract has been awarded. Nothing in this provision requires the disclosure of a private person or organization's net worth or other proprietary financial data submitted for qualification for a contract or other benefit until and unless that person or organization is awarded the contract or benefit. Information provided which is covered by this paragraph will be made available to the public upon request.

31. Limitations on Contributions. Through execution of this P-545 Agreement, Contractor acknowledges that it is familiar with section 1.126 of the City's Campaign and Governmental Conduct Code, which prohibits any person who contracts with the City for the rendition of personal services, for the furnishing of any material, supplies or equipment, for the sale or lease of any land or building, or for a grant, loan or loan guarantee, from making any campaign contribution to (1) an individual holding a City elective office if the contract must be approved by the individual, a board on which that individual serves, or the board of a state agency on which an appointee of that individual serves, (2) a candidate for the office held by such

individual, or (3) a committee controlled by such individual, at any time from the commencement of negotiations for the contract until the later of either the termination of negotiations for such contract or six months after the date the contract is approved. Contractor acknowledges that the foregoing restriction applies only if the contract or a combination or series of contracts approved by the same individual or board in a fiscal year have a total anticipated or actual value of \$50,000 or more. Contractor further acknowledges that the prohibition on contributions applies to each prospective party to the contract; each member of Contractor's board of directors; Contractor's chairperson, chief executive officer, chief financial officer and chief operating officer; any person with an ownership interest of more than 20 percent in Contractor; any subcontractor listed in the bid or contract; and any committee that is sponsored or controlled by Contractor. Additionally, Contractor acknowledges that Contractor must inform each of the persons described in the preceding sentence of the prohibitions contained in Section 1.126. Contractor further agrees to provide to City the names of each person, entity or committee described above.

32. Conflict of Interest. Through its execution of this P-545 Agreement, Contractor acknowledges that it is familiar with the provision of Section 15.103 of the City's Charter, Article III, Chapter 2 of the City's Campaign and Governmental Code, and Section 87100 et seq. and Section 1090 et seq. of the Government Code of the State of California, and certifies that it does not know of any facts which constitutes a violation of said provisions and agrees that it will immediately notify the City if it becomes aware of any such fact during the term of this P-545 Agreement.

33. Non-Waiver of Rights. The omission by either party at any time to enforce any default or right reserved to it, or to require performance of any of the terms, covenants, or provisions hereof by the other party at the time designated, shall not be a waiver of any such default or right to which the party is entitled, nor shall it in any way affect the right of the party to enforce such provisions thereafter.

34. Modification of the P-545 Agreement. This P-545 Agreement may not be modified, nor may compliance with any of its terms be waived, except by written instrument executed and approved in the same manner as this Agreement.

35. Administrative Remedy for the P-545 Agreement Interpretation. Should any question arise as to the meaning and intent of this P-545 Agreement, the question shall, prior to any other action or resort to any other legal remedy, be referred to Purchasing who shall decide the true meaning and intent of the P-545 Agreement.

36. P-545 Agreement and Appendices Made in California; Venue. The formation, interpretation and performance of this P-545 Agreement and Appendices shall be governed by the laws of the State of California. Venue for all litigation relative to the formation, interpretation and performance of this P-545 Agreement shall be in San Francisco.

37. Construction. All paragraph captions are for reference only and shall not be considered in construing this P-545 Agreement.

39. Entire Agreement. This contract, including all Appendices hereto sets forth the entire agreement between the parties, and supersedes all other oral or written provisions. If any provision of this P-545 Agreement is held to be unenforceable, this P-545 Agreement shall be construed without such provision.

38. Compliance with Laws. Contractor shall keep itself fully informed of the City's Charter, codes, ordinances and regulations of the City and of all state, and federal laws in any manner affecting the performance of this P-545 Agreement, and must at all times comply with such local codes, ordinances, and regulations and all applicable laws.

39. Graffiti Removal. Reserved.

40. Food Service Waste Reduction Requirements. Contractor agrees to comply fully with and be bound by all of the provisions of the Food Service Waste Reduction Ordinance, as set forth in San Francisco Environment Code Chapter 16, including the remedies provided, and implementing guidelines and rules. The provisions of Chapter 16 are incorporated herein by reference and made a part of this P-545 Agreement as though fully set forth. This provision is a material term of this P-545 Agreement. By entering into this P-545 Agreement, Contractor agrees that if it breaches this provision, City will suffer actual damages that will be impractical or extremely difficult to determine; further, Contractor agrees that the sum of \$100 liquidated damages for the first breach, \$200 liquidated damages for the second breach in the same year, and \$500 liquidated damages for subsequent breaches in the same year is reasonable estimate of the damage that City will incur based on the violation, established in light of the circumstances existing at the time this P-545 Agreement was made. Such amount shall not be considered a penalty, but rather agreed monetary damages sustained by City because of Contractor's failure to comply with this provision.

41. Cooperative Drafting. This P-545 Agreement has been drafted through a cooperative effort of both parties, and both parties have had an opportunity to have the P-545 Agreement reviewed and revised by legal counsel. No party shall be considered the drafter of this P-545 Agreement, and no presumption or rule that an ambiguity shall be construed against the party drafting the clause shall apply to the interpretation or enforcement of this P-545 Agreement.

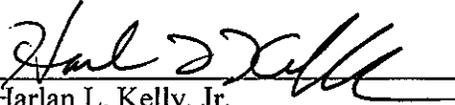
IN WITNESS WHEREOF, the parties hereto have executed this P-545 Agreement on the day first mentioned above.

CITY

CONTRACTOR

Recommended by:

MYTHICS, INC.



Harlan L. Kelly, Jr.
General Manager
San Francisco Public Utilities Commission

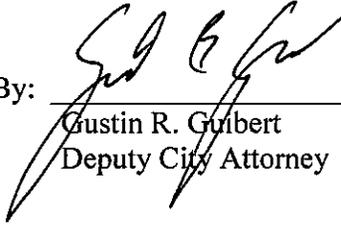


Dale Darr
VP Contracts

City Supplier ID: 0000014636

Approved as to Form:

Dennis J. Herrera
City Attorney

By: 

Gustin R. Gilbert
Deputy City Attorney

Approved:



Jaci Fong
Director of the Office of Contract
Administration, and
Purchaser



Appendices

Appendix A: Schedule of Programs, Programs Technical Support and Cloud Services Available for Purchase under this Agreement

Appendix B: Mythics-Oracle Master Level Service Agreement

Appendix C: Mythics-Oracle Public Sector Cloud Services Agreement Terms

Appendix A
Schedule of Programs, Programs Technical Support and Cloud Services

Software Support - Existing Licenses Only

Existing Support NTE Amount:	\$ 2,649,990.57
------------------------------	-----------------

Item Nbr	Oracle Product Description	Metric	QTY	CSI	License Level	Year 1		Year 2		Year 3		Year 4		Year 5	
						Term	Max Annual NTE Amt.	Term	Max Annual NTE Amt.	Term	Max Annual NTE Amt.	Term	Max Annual NTE Amt.	Term	Max Annual NTE Amt.
										Max Annual Unit Rate Increase over Prior Year (%)**	3%	Max Annual Unit Rate Increase over Prior Year (%)**	3%	Max Annual Unit Rate Increase over Prior Year (%)**	3%
1	Oracle Utilities Customer Care and Billing Business Intelligence Standard Edition	Nonstandard User	1	15685077	FULL USE	11/30/17 - 03/23/19	\$ 39,131.78	03/23/19 - 03/22/20	\$ 30,983.42	03/23/20 - 03/22/21	\$ 31,923.22	03/23/21 - 03/22/22	\$ 32,860.90	03/23/22 - 03/22/23	\$ 33,867.35
2	Oracle Utilities Customer Care and Billing Extractors and Schemas Customers	Nonstandard User	1600	15685077	FULL USE	11/30/17 - 03/23/19	\$ 4,774.09	03/23/19 - 03/22/20	\$ 3,781.21	03/23/20 - 03/22/21	\$ 3,894.65	03/23/21 - 03/22/22	\$ 4,011.49	03/23/22 - 03/22/23	\$ 4,131.83
3	Oracle Utilities Customer Care and Billing Standard Edition Commercial & Industrial Customers	Nonstandard User	270	15685077	FULL USE	11/30/17 - 03/23/19	\$ 69,654.53	03/23/19 - 03/22/20	\$ 55,168.28	03/23/20 - 03/22/21	\$ 56,823.33	03/23/21 - 03/22/22	\$ 58,528.03	03/23/22 - 03/22/23	\$ 60,283.87
4	Oracle Utilities Customer Care and Billing Standard Edition Residential Customers	Nonstandard User	1530	15685077	FULL USE	11/30/17 - 03/23/19	\$ 199,572.03	03/23/19 - 03/22/20	\$ 158,086.46	03/23/20 - 03/22/21	\$ 162,808.45	03/23/21 - 03/22/22	\$ 167,692.71	03/23/22 - 03/22/23	\$ 172,723.49
5	Oracle Database Enterprise Edition	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 91,429.71	03/23/19 - 03/22/20	\$ 72,414.81	03/23/20 - 03/22/21	\$ 74,587.25	03/23/21 - 03/22/22	\$ 76,824.87	03/23/22 - 03/22/23	\$ 79,129.62
6	Oracle Diagnostics Pack	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 6,736.82	03/23/19 - 03/22/20	\$ 5,335.82	03/23/20 - 03/22/21	\$ 5,405.69	03/23/21 - 03/22/22	\$ 5,560.77	03/23/22 - 03/22/23	\$ 5,830.59
7	Oracle Real Application Clusters	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 44,270.84	03/23/19 - 03/22/20	\$ 35,063.79	03/23/20 - 03/22/21	\$ 36,115.70	03/23/21 - 03/22/22	\$ 37,199.17	03/23/22 - 03/22/23	\$ 38,315.15
8	Oracle Tuning Pack	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 6,736.91	03/23/19 - 03/22/20	\$ 5,335.82	03/23/20 - 03/22/21	\$ 5,495.89	03/23/21 - 03/22/22	\$ 5,660.77	03/23/22 - 03/22/23	\$ 5,830.59
9	Oracle Active Data Guard	Processor Perpetual	2	19663748	FULL USE	11/30/17 - 03/23/19	\$ 3,827.32	03/23/19 - 03/22/20	\$ 2,872.94	03/23/20 - 03/22/21	\$ 2,959.13	03/23/21 - 03/22/22	\$ 3,047.90	03/23/22 - 03/22/23	\$ 3,139.34
10	Oracle Advanced Compression	Processor Perpetual	10	19583748	FULL USE	11/30/17 - 03/23/19	\$ 18,136.83	03/23/19 - 03/22/20	\$ 14,364.70	03/23/20 - 03/22/21	\$ 14,795.64	03/23/21 - 03/22/22	\$ 15,238.51	03/23/22 - 03/22/23	\$ 15,696.70
11	Oracle Database Enterprise Edition	Processor Perpetual	8	19563748	FULL USE	11/30/17 - 03/23/19	\$ 59,929.83	03/23/19 - 03/22/20	\$ 47,498.05	03/23/20 - 03/22/21	\$ 48,890.03	03/23/21 - 03/22/22	\$ 50,358.73	03/23/22 - 03/22/23	\$ 51,887.43
12	Oracle Diagnostics Pack	Processor Perpetual	2	19563748	FULL USE	11/30/17 - 03/23/19	\$ 1,577.09	03/23/19 - 03/22/20	\$ 1,248.10	03/23/20 - 03/22/21	\$ 1,286.57	03/23/21 - 03/22/22	\$ 1,325.17	03/23/22 - 03/22/23	\$ 1,364.93
13	Oracle Tuning Pack	Processor Perpetual	2	19563748	FULL USE	11/30/17 - 03/23/19	\$ 1,577.09	03/23/19 - 03/22/20	\$ 1,248.10	03/23/20 - 03/22/21	\$ 1,286.57	03/23/21 - 03/22/22	\$ 1,325.17	03/23/22 - 03/22/23	\$ 1,364.93
14	BEA WebLogic Server Advantage Edition	CPU Perpetual	2	15982919	NA	03/01/18 - 03/23/19	\$ 5,807.88	03/23/19 - 03/22/20	\$ 5,443.53	03/23/20 - 03/22/21	\$ 5,606.84	03/23/21 - 03/22/22	\$ 5,775.04	03/23/22 - 03/22/23	\$ 5,948.29
15	BEA WebLogic Server Advantage Edition	CPU Perpetual	2	15982919	NA	03/01/18 - 03/23/19	\$ 5,807.88	03/23/19 - 03/22/20	\$ 5,443.55	03/23/20 - 03/22/21	\$ 5,606.86	03/23/21 - 03/22/22	\$ 5,775.06	03/23/22 - 03/22/23	\$ 5,948.31
16	BEA WebLogic Server Advantage Edition	CPU Perpetual	2	15982919	NA	03/01/18 - 03/23/19	\$ 4,808.56	03/23/19 - 03/22/20	\$ 4,665.86	03/23/20 - 03/22/21	\$ 4,805.86	03/23/21 - 03/22/22	\$ 4,950.03	03/23/22 - 03/22/23	\$ 5,088.53
17	Primavera P6 Enterprise Project Portfolio Management	Application User Perpetual	52	16518736	FULL USE	03/24/18 - 03/23/19	\$ 30,087.23	03/23/19 - 03/22/20	\$ 31,000.15	03/23/20 - 03/22/21	\$ 31,830.15	03/23/21 - 03/22/22	\$ 32,688.06	03/23/22 - 03/22/23	\$ 33,674.70
18	Oracle AutoVue 2D Professional	Application User Perpetual	10	20545447	FULL USE	03/24/18 - 03/23/19	\$ 842.63	03/23/19 - 03/22/20	\$ 870.91	03/23/20 - 03/22/21	\$ 1,000.04	03/23/21 - 03/22/22	\$ 1,030.04	03/23/22 - 03/22/23	\$ 1,060.94
19	Primavera Unifier Project Controls	Application User Perpetual	10	20545447	FULL USE	03/24/18 - 03/23/19	\$ 8,274.17	03/23/19 - 03/22/20	\$ 8,522.40	03/23/20 - 03/22/21	\$ 8,778.07	03/23/21 - 03/22/22	\$ 9,041.41	03/23/22 - 03/22/23	\$ 9,312.66
							\$ 892,466.78		\$ 489,407.92		\$ 504,096.15		\$ 519,212.96		\$ 534,789.25

* The Maximum Annual Unit Rate Increase over a prior year shall not exceed the then applicable rate increase over prior year by Oracle.

New Perpetual Licenses & Software Support

New Perpetual Licenses NTE Amount:	\$ 4,473,725.60
New Perpetual Licenses Support NTE Amount:	\$ 3,010,821.82

New Perpetual Licenses Support Cost as % of Newly Purchased Perpetual Licenses ("Stated Percentage"):	22%
---	-----

Item No.	Oracle Product Description	Term	Metric	QTY MIN	ANNUAL MAX (AVERAGE)	Year 1		Year 2		Year 3		Year 4		Year 5	
						NTE Unit Price	Max Avg. Annual NTE Amt	NTE Unit Price	Max Avg. Annual NTE Amt	NTE Unit Price	Max Avg. Annual NTE Amt	NTE Unit Price	Max Avg. Annual NTE Amt	NTE Unit Price	Max Avg. Annual NTE Amt
						Max Annual Unit Rate Increase over Prior Year ** (%)		3%		3%		3%		3%	
1	Oracle Database Gateway for SQL Server	Perpetual	Computer	1	1	\$ 11,373.25	\$ 11,373.25	\$ 11,714.45	\$ 11,714.45	\$ 12,065.68	\$ 12,065.68	\$ 12,427.86	\$ 12,427.86	\$ 12,800.89	\$ 12,800.89
2	Oracle Database Firewall and Audit Vault	Perpetual	Processor	1	1	\$ 3,899.40	\$ 3,899.40	\$ 4,016.38	\$ 4,016.38	\$ 4,136.87	\$ 4,136.87	\$ 4,260.98	\$ 4,260.98	\$ 4,388.81	\$ 4,388.81
3	Oracle Database Standard Edition 2	Perpetual	Processor	1	12	\$ 11,373.25	\$ 136,479.00	\$ 11,714.45	\$ 140,573.27	\$ 12,065.68	\$ 144,790.57	\$ 12,427.86	\$ 149,134.29	\$ 12,800.89	\$ 153,608.32
4	Oracle Functional Testing Advanced Pack for Oracle Utilities	Perpetual	Named User Plus	10	10	\$ 10,250.00	\$ 102,500.00	\$ 10,557.50	\$ 105,575.00	\$ 10,874.23	\$ 108,742.25	\$ 11,200.45	\$ 112,004.52	\$ 11,536.47	\$ 115,364.65
5	Oracle Functional Testing	Perpetual	Named User Plus	10	10	\$ 5,199.20	\$ 51,992.00	\$ 5,355.18	\$ 53,551.78	\$ 5,515.83	\$ 55,158.31	\$ 5,681.31	\$ 56,813.06	\$ 5,851.75	\$ 58,517.45
6	Oracle Functional Testing Accelerator for Web Services	Perpetual	Named User Plus	10	10	\$ 1,289.80	\$ 12,898.00	\$ 1,338.79	\$ 13,387.94	\$ 1,378.96	\$ 13,789.58	\$ 1,420.33	\$ 14,203.27	\$ 1,462.94	\$ 14,629.36
7	Test Manager	Perpetual	Named User Plus	10	10	\$ 1,289.80	\$ 12,898.00	\$ 1,338.79	\$ 13,387.94	\$ 1,378.96	\$ 13,789.58	\$ 1,420.33	\$ 14,203.27	\$ 1,462.94	\$ 14,629.36
8	WebLogic Server Standard Edition	Perpetual	Processor	1	1	\$ 6,489.00	\$ 6,489.00	\$ 6,683.97	\$ 6,683.97	\$ 6,884.79	\$ 6,884.79	\$ 7,101.63	\$ 7,101.63	\$ 7,314.68	\$ 7,314.68
9	Business Intelligence Publisher for Oracle Applications	Perpetual	Named User Plus	1	100	\$ 38.90	\$ 3,899.00	\$ 40.18	\$ 4,015.87	\$ 41.36	\$ 4,136.45	\$ 42.61	\$ 4,260.54	\$ 43.88	\$ 4,388.36
10	Primavera P6 Enterprise Project Portfolio Management	Perpetual	Application User	1	20	\$ 1,787.23	\$ 35,744.60	\$ 1,840.85	\$ 36,816.94	\$ 1,896.07	\$ 37,921.45	\$ 1,952.95	\$ 39,059.08	\$ 2,011.54	\$ 40,230.86
11	Primavera P6 Enterprise Project Controls	Perpetual	Application User	25	100	\$ 2,567.11	\$ 25,671.10	\$ 2,644.12	\$ 26,412.33	\$ 2,723.45	\$ 27,234.70	\$ 2,805.15	\$ 28,051.04	\$ 2,889.30	\$ 28,930.49
12	Business Intelligence Server Enterprise Edition	Perpetual	Processor	1	1	\$ 31,060.00	\$ 31,060.00	\$ 32,012.40	\$ 32,012.40	\$ 32,972.77	\$ 32,972.77	\$ 33,961.96	\$ 33,961.96	\$ 34,980.81	\$ 34,980.81
13	Oracle Business Intelligence Interactive Dashboards	Perpetual	Processor	1	1	\$ 51,900.00	\$ 51,900.00	\$ 53,457.00	\$ 53,457.00	\$ 55,060.71	\$ 55,060.71	\$ 56,712.53	\$ 56,712.53	\$ 58,413.91	\$ 58,413.91
14	Oracle Business Intelligence Answers	Perpetual	Processor	1	1	\$ 51,900.00	\$ 51,900.00	\$ 53,457.00	\$ 53,457.00	\$ 55,060.71	\$ 55,060.71	\$ 56,712.53	\$ 56,712.53	\$ 58,413.91	\$ 58,413.91
15	Oracle Business Intelligence Delivers	Perpetual	Processor	1	1	\$ 31,060.00	\$ 31,060.00	\$ 32,012.40	\$ 32,012.40	\$ 32,972.77	\$ 32,972.77	\$ 33,961.96	\$ 33,961.96	\$ 34,980.81	\$ 34,980.81
16	Oracle Business Intelligence Publisher	Perpetual	Processor	1	1	\$ 29,865.40	\$ 29,865.40	\$ 30,792.26	\$ 30,792.26	\$ 31,716.03	\$ 31,716.03	\$ 32,667.51	\$ 32,667.51	\$ 33,647.54	\$ 33,647.54
17	Oracle Business Intelligence Mobile	Perpetual	Named User Plus	20	50	\$ 233.96	\$ 11,698.00	\$ 240.86	\$ 12,048.94	\$ 248.21	\$ 12,410.41	\$ 255.55	\$ 12,782.72	\$ 263.32	\$ 13,169.20
NEW LICENSES NTE AMOUNT						\$ 442,846.86	\$ 467,258.64	\$ 493,963.83	\$ 520,772.73	\$ 549,499.23					
SUPPORT FOR NEW LICENSES						\$ 185,382.26	\$ 190,843.73	\$ 196,672.04	\$ 202,572.20	\$ 208,649.37					
SUPPORT FOR LICENSES PROCURED IN PRIOR YEARS (Adj by Rate Increase)						\$ -	\$ 190,843.73	\$ 383,344.09	\$ 607,716.51	\$ 854,587.48					
SUPPORT NTE AMOUNT						\$ 185,382.26	\$ 381,687.46	\$ 580,016.13	\$ 810,288.71	\$ 1,043,236.85					

* Actual Unit Price at the time of a purchase shall vary depending on the applicable year and actual volume ordered but will not, in any event, exceed the NTE Unit Price for any applicable year. Bidder shall make good faith effort to secure from Oracle on behalf of the SFPUC all then available discounts based on SFPUC's actual volume.

** The Maximum Annual Unit Rate Increase over a prior year shall not exceed the then applicable rate increase over prior year by Oracle.

*** Year 1 support cost for all newly purchased perpetual licenses will be determined as the Stated Percentage of the total cost for newly purchased licenses and will be pro-rated and adjusted based on actual support start date and co-termination with support for existing SFPUC perpetual licenses.

Cloud Services

Cloud Services NTE Amount:	\$ 1,698,430.90
----------------------------	-----------------

Item #	Oracle Product Description	Term	Metric	QTY MIN	ANNUAL MAX (AVERAGE)	Year 1		Year 2		Year 3		Year 4		Year 5	
						NTE Unit Price \$	Max Avg. Annual NTE Amt	NTE Unit Price \$	Max Avg. Annual NTE Amt	NTE Unit Price \$	Max Avg. Annual NTE Amt	NTE Unit Price \$	Max Avg. Annual NTE Amt	NTE Unit Price \$	Max Avg. Annual NTE Amt
1	B83533 - Oracle Database Cloud Service - Enterprise Edition High Performance - General Purpose - Non-metered	Annual	Hosted Environment	1	5	\$ 19,178.00	\$ 95,880.00	\$ 19,178.00	\$ 95,880.00	\$ 19,178.00	\$ 95,880.00	\$ 19,751.28	\$ 98,756.40	\$ 20,343.82	\$ 101,719.09
2	B83543 - Oracle Database Backup Service - Non-metered	Annual	TB of Storage Capacity	1	5	\$ 316.40	\$ 1,582.00	\$ 316.40	\$ 1,582.00	\$ 316.40	\$ 1,582.00	\$ 325.89	\$ 1,629.46	\$ 335.67	\$ 1,676.34
3	B83456 - Oracle Storage Cloud Service - Non-metered	Annual	TB of Storage Capacity	10	10	\$ 287.84	\$ 2,878.40	\$ 287.84	\$ 2,878.40	\$ 287.84	\$ 2,878.40	\$ 296.27	\$ 2,962.69	\$ 305.16	\$ 3,051.57
4	B83455 - Oracle Compute Cloud Service - Block Storage - Non-metered	Annual	TB of Storage Capacity	10	10	\$ 479.40	\$ 4,794.00	\$ 479.40	\$ 4,794.00	\$ 479.40	\$ 4,794.00	\$ 493.78	\$ 4,937.82	\$ 508.60	\$ 5,085.95
6	B85643 - Oracle Compute Cloud Service - Compute Capacity - Non-metered	Annual	OCPU Pwr Month	10	10	\$ 719.10	\$ 7,191.00	\$ 719.10	\$ 7,191.00	\$ 719.10	\$ 7,191.00	\$ 740.87	\$ 7,408.73	\$ 762.85	\$ 7,628.93
LICENSE NTE TOTAL							\$ 112,338.40		\$ 294,646.90		\$ 336,870.20		\$ 462,989.36		\$ 671,827.20

* Actual Unit Price at the time of a purchase shall vary depending on the applicable year and actual volume ordered but will not, in any event, exceed the NTE Unit Price for any applicable year as defined in the above table. Bidder shall make good faith effort to secure from Oracle on behalf of the SFPUC all then available discounts based on SFPUC's actual volume.



Appendix B
MYTHICS LICENSE AND SERVICES AGREEMENT

THESE TERMS, WHICH CONSTITUTE APPENDIX B TO THE ACCOMPANYING P-545 AGREEMENT BETWEEN THE CITY AND COUNTY OF SAN FRANCISCO AND ORACLE'S AUTHORIZED RESELLER, MYTHICS, INC. ("MYTHICS") DATED NOVEMBER 30, 2017, APPLY TO THE PERPETUAL LICENSES AND CORRESPONDING SOFTWARE SUPPORT THAT YOU ORDER FROM MYTHICS.

A. Agreement/Definitions

This Agreement is between you and Mythics, Inc. ("Mythics"), an authorized Oracle Value Added Reseller. "You" and "your" refers to the individual or legal entity that has executed this agreement ("agreement") and ordered Programs and/or Services from Mythics. The term "ancillary programs" refers to third party materials specified in the program documentation which may only be used for the purposes of installing or operating the Programs with which the ancillary Programs are delivered. The term "Program documentation" refers to the Program user manual and program installation manuals. The term "Programs" refers to the software owned or distributed by Oracle America, Inc. ("Oracle") which you have ordered, Program documentation, and any Program updates acquired through technical support. For all program licenses, the "commencement date" is the date of shipment of tangible media or upon the effective date of the order if shipment of tangible media is not required. The period of performance for all services for the Programs is effective upon shipment of tangible media or upon the effective date of the order if shipment of tangible media is not required. The term "Services" refers to technical support, education, hosted/outsourcing services, consulting or other services which you have ordered. The term "end user license agreement" refers to this agreement granting you the right to use the Programs and/or Services. The term "Hardware" is defined as the Hardware equipment, including components, options and spare parts. The term "Operating System" refers to the software that manages Hardware for Programs and other software. The term "Integrated Software" is defined as software embedded in the Hardware which is essential to Hardware functionality (e.g., firmware). The term "Integrated Software Options" refers to software or programmable code embedded in, installed on, or activated on the Hardware that requires one or more unit licenses that you must separately order and agree to pay additional fees. The term "Products" refers to Programs, Hardware, Integrated Software and Operating System. Oracle shall be a third party beneficiary of this agreement.

B. Applicability of Agreement

This agreement is valid for the order to which this agreement accompanies or to which it is specifically incorporated into by reference.

C. Rights Granted

Upon Mythics' acceptance of your order, you have the non-exclusive, non-assignable, royalty free, perpetual (unless otherwise specified in the ordering document), limited right to use the



Programs, Hardware, Operating System, the Integrated Software, and the Integrated Software Options and receive any services you ordered solely for your internal business operations and subject to the terms of this agreement, including the definitions and rules set forth in the order and the program documentation. You may allow your agents and contractors (including, without limitation, outsourcers) to use the Programs for this purpose and you are responsible for their compliance with this agreement in such use. For Programs that are specifically designed to allow your customers and suppliers to interact with you in the furtherance of your internal business operations, such use is allowed under this agreement. Oracle may deliver source code as part of its standard delivery for particular Programs, Operating System, Integrated Software, or Integrated Software Options; all source code delivered by Oracle is subject to the terms of the agreement, the applicable order and the applicable program documentation. Your use of the Programs, Hardware, Operating System, the Integrated Software, and the Integrated Software Options is limited to use by the legal entity that executes this Agreement. If accepted, Mythics will notify you and this notice will include a copy of your agreement. Program documentation is delivered with the Programs, or you may access the documentation online at <http://oracle.com/contracts>. Services are provided based on Oracle's policies for the applicable Services ordered, which are subject to change, and the specific policies applicable to you, and how to access them, will be specified on your order (except technical support Services, which are as specified in section H of this agreement). Upon payment for Services, you have the non-exclusive, non-assignable, royalty free, perpetual, limited right to use for your internal business operations anything developed by Oracle or Mythics and delivered to you under this agreement; however, certain deliverables may be subject to additional license terms provided in the ordering document.

The Services provided under this agreement may be related to your license to use Programs which you acquire under a separate order. The agreement referenced in that order shall govern your use of such Programs. Any Services acquired from Oracle or Mythics are bid separately from such program licenses, and you may acquire either Services or such Program licenses without acquiring the other.

D. Ownership and Restrictions

Oracle or its licensors retain all ownership and intellectual property rights to the Programs, Hardware, the Operating System, Integrated Software, and Integrated Software Options. Oracle retains all ownership and intellectual property rights to anything developed and delivered under this agreement resulting from Services provided by Oracle. Title to the Programs, Operating System, Integrated Software and/or Integrated Software Options is retained by Oracle and shall not pass to you or any third party. You are prohibited from duplicating the Programs, Operating System, Integrated Software and/or Integrated Software Options except that you may make a sufficient number of copies of each Program for your licensed use and one copy of each program media.

Third party technology that may be appropriate or necessary for use with some Oracle Programs and/or Hardware is specified in the Program documentation, readme files and/or Hardware



documentation. Such third party technology is licensed to you under the terms of the third party technology license agreement specified in the Program documentation and/or Hardware documentation and not under the terms of this agreement.

You may not:

- remove or modify any Program or Hardware, Operating System, Integrated Software and/or Integrated Software Options markings or any notice of Oracle's or its licensors' proprietary rights;
- make the Programs, Operating System, Integrated Software, Integrated Software Options and/or materials resulting from the Services available in any manner to any third party for use in the third party's business operations (unless such access is expressly permitted for the specific program license or materials from the Services you have acquired) and you may not provide any timesharing, hosting, outsourcing, subscription service or rental use of the Programs;
- cause or permit reverse engineering (unless required by law for interoperability), disassembly or decompilation of the Programs, Operating System, Integrated Software and/or Integrated Software Options (the foregoing prohibition includes but is not limited to review of data structures or similar materials produced by Programs);
- publish results of any Program benchmark tests run on the Programs and/or Hardware without Oracle's prior written consent;

E. Warranties, Disclaimers and Exclusive Remedies

1. Program Warranty

Mythics warrants that it has the right to enter into this end user license agreement for Oracle programs and/or services. Mythics warrants that it has sufficient rights to grant the licenses herein, and that a program licensed to you will operate in all material respects as described in the applicable program documentation for one year after delivery (i.e., via physical shipment or electronic download). You must notify Mythics and Oracle of any program warranty deficiency within one year after delivery. Mythics and Oracle also warrant that services ordered will be provided in a professional manner consistent with industry standards. You must notify Mythics and Oracle of any services warranty deficiencies within 90 days from performance of the deficient services.

MYTHICS AND ORACLE DO NOT GUARANTEE THAT THE PROGRAMS WILL PERFORM ERROR-FREE OR UNINTERRUPTED OR THAT MYTHICS OR ORACLE WILL CORRECT ALL PROGRAM ERRORS. SUBJECT TO THE INDEMNIFICATION PROVISIONS HEREIN, FOR ANY BREACH OF THE ABOVE WARRANTIES, YOUR EXCLUSIVE REMEDY, AND MYTHICS' AND ORACLE'S ENTIRE LIABILITY, SHALL BE: (A) THE CORRECTION OF PROGRAM ERRORS THAT CAUSE BREACH OF THE WARRANTY; OR, IF ORACLE OR MYTHICS CANNOT SUBSTANTIALLY CORRECT SUCH BREACH IN A COMMERCIALY REASONABLE MANNER, YOU MAY END YOUR PROGRAM LICENSE AND RECOVER THE FEES PAID TO MYTHICS FOR THE PROGRAM LICENSE AND ANY UNUSED, PREPAID TECHNICAL SUPPORT FEES YOU HAVE PAID FOR THE PROGRAM LICENSE; OR (B) THE REPERFORMANCE OF THE DEFICIENT SERVICES, OR IF MYTHICS OR ORACLE CANNOT SUBSTANTIALLY CORRECT A BREACH IN A



COMMERCIALY REASONABLE MANNER, YOU MAY END THE RELEVANT SERVICES AND RECOVER THE FEES PAID TO MYTHICS FOR THE DEFICIENT SERVICES. TO THE EXTENT NOT PROHIBITED BY LAW, THESE WARRANTIES ARE EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ORACLE AND MYTHICS DISCLAIM, TO THE EXTENT NOT PROHIBITED BY LAW, LIABILITY FOR (A) ANY DAMAGES, WHETHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL, AND (B) ANY LOSS OF PROFIT REVENUE, DATA OR DATA USE, ARISING FROM THE USE OF THE PROGRAMS.

2. Hardware Warranty

Mythics provides a limited warranty ("Oracle Hardware Warranty") for (i) the Hardware, (ii) the Operating System and the Integrated Software and the Integrated Software Options, and (iii) the Operating System media, the Integrated Software media and the Integrated Software Options media ("media", and (i), (ii) and (iii) collectively, "Hardware Items"). Mythics warrants that the Hardware will be free from, and using the Operating System and Integrated Software and Integrated Software Options will not cause in the Hardware, material defects in materials and workmanship for one year from the date the Hardware is delivered to You. Mythics warrants that the media will be free from material defects in materials and workmanship for a period of 90 days from the date the media is delivered to You. You may access a more detailed description of the Oracle Hardware Warranty at <http://www.oracle.com/us/support/policies/index.html> ("Warranty Web Page"). Any changes to the Oracle Hardware Warranty specified on the Warranty Web Page will not apply to Hardware or media ordered prior to such change. The Oracle Hardware Warranty applies only to Hardware and media that have been (1) manufactured by or for Oracle, and (2) sold by Oracle (either directly or by an Oracle-authorized distributor). The Hardware may be new or like new. The Oracle Hardware Warranty applies to Hardware that is new and Hardware that is like-new which has been remanufactured and certified for warranty by Oracle.

Mythics also warrants that technical support Services and Hardware-related Service Offerings (as referenced in Section 3 above) ordered and provided under this Agreement will be provided in a professional manner consistent with industry standards. You must notify Mythics of any technical support service or Hardware-related Service Offerings warranty deficiencies within 90 days from performance of the deficient technical support service or Hardware-related Service Offerings.

FOR ANY BREACH OF THE ABOVE WARRANTIES, YOUR EXCLUSIVE REMEDY AND MYTHICS' ENTIRE LIABILITY SHALL BE: (i) THE REPAIR OR, AT ORACLE'S OPTION AND EXPENSE, REPLACEMENT OF THE DEFECTIVE HARDWARE ITEM, OR IF SUCH REPAIR OR REPLACEMENT IS NOT REASONABLY ACHIEVABLE, THE REFUND OF THE FEES YOU PAID FOR THE DEFECTIVE HARDWARE ITEM AND THE REFUND OF ANY UNUSED PREPAID TECHNICAL SUPPORT FEES YOU HAVE PAID FOR THE DEFECTIVE HARDWARE ITEM; OR (ii) THE REPERFORMANCE OF THE DEFICIENT HARDWARE-RELATED SERVICE OFFERINGS; OR, IF MYTHICS OR ORACLE CANNOT SUBSTANTIALLY CORRECT THE DEFICIENCY IN A



COMMERCIALY REASONABLE MANNER, YOU MAY END THE DEFICIENT HARDWARE-RELATED SERVICE OFFERINGS AND RECOVER THE FEES YOU PAID FOR THE DEFICIENT HARDWARE- RELATED SERVICE OFFERINGS. TO THE EXTENT NOT PROHIBITED BY LAW, THESE WARRANTIES ARE EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS WITH RESPECT TO THE ABOVE ITEMS, INCLUDING ANY WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Replacement units for defective parts or Hardware Items replaced under the Oracle Hardware Warranty may be new or like new quality. Such replacement units assume the warranty status of the Hardware into which they are installed and have no separate or independent warranty of any kind. Title in all defective parts or Hardware Items shall transfer back to Oracle upon removal from the Hardware.

MYTHICS DOES NOT WARRANT UNINTERRUPTED OR ERROR-FREE OPERATION OF THE HARDWARE, OPERATING SYSTEM, INTEGRATED SOFTWARE, INTEGRATED SOFTWARE OPTIONS OR MEDIA.

No warranty will apply to any Hardware, Operating System, Integrated Software, Integrated Software Options or media which has been:

1. modified, altered or adapted without Oracle's written consent (including modification or removal of the Oracle/Sun serial number tag on the Hardware);
2. maltreated or used in a manner other than in accordance with the relevant documentation;
3. repaired by any third party in a manner which fails to meet Oracle's quality standards;
4. improperly installed by any party other than Oracle or an authorized Oracle certified installation partner;
5. used with equipment or software not covered by an Oracle warranty, to the extent that the problems are attributable to such use;
6. relocated, to the extent that problems are attributable to such relocation;
7. used directly or indirectly in supporting activities prohibited by U.S. or other national export regulations;
8. used by parties appearing on the then-current U.S. export exclusion list;
9. relocated to countries subject to U.S. trade embargo or restrictions;
10. used remotely to facilitate any activities for parties or in the countries appearing on the then-current U.S. export exclusion list or subject to U.S. trade embargo or restrictions; or
11. purchased from any entity other than Oracle, Mythics, or an Oracle authorized reseller.

The Oracle Hardware Warranty does not apply to normal wear of the Hardware or media. The Oracle Hardware Warranty is extended only to the original purchaser or original lessee of the Hardware and may be void in the event that title to the Hardware is transferred to a third party.



The above warranty is the Oracle Hardware Warranty in effect as of the date of this Agreement. For future Hardware purchases under this Agreement, the Oracle Hardware Warranty shall be the warranty in effect at the time of purchase.

F. Trial Programs

You may order trial Programs, or Mythics or Oracle may include additional Programs or Programs on the Hardware (e.g., Exadata Storage Server software) with your order and you are not authorized to use those Programs unless you have a license specifically granting you the right to do so; however, you may use those additional Programs for trial, non-production purposes for up to 30 days from the date of delivery provided that you may not use the trial Programs to provide or attend third party training on the content and/or functionality of the Programs

You have 30 days from the delivery date to evaluate these Programs. If you decide to use any of these Programs after the 30 day trial period, you must obtain a license for such Programs from Mythics or Oracle. If you decide not to obtain a license for any Program after the 30 day trial period, you will cease using and will delete any such Programs from your computer systems. Programs licensed for trial purposes are provided "as is" and Oracle and Mythics do not provide technical support or offer any warranties for these Programs.

G. Infringement Indemnification

Notwithstanding anything to the contrary in this agreement, if a third party makes a claim against you ("Recipient"), that any information design, specification, instruction, software, data, or material ("Material") furnished by either Mythics and/or Oracle ("Provider" which may refer to Mythics and/or Oracle depending on which party provided the Material), and used by the Recipient infringes its intellectual property rights, the Provider, at its sole cost and expense, will defend the Recipient against the claim and indemnify the Recipient from the damages, liabilities, costs and expenses awarded by the court to the third party claiming infringement or the settlement agreed to by the Provider if the Recipient does the following:

- notifies the Provider promptly in writing, not later than 30 days after the Recipient receives notice of the claim, (or sooner if required by applicable law);
- gives the Provider sole control of the defense and any settlement negotiations; and
- gives the Provider the information, authority, and assistance the Provider needs to defend against or settle the claim.

If the Provider believes or it is determined that any of the Material may have violated a third party's intellectual property rights, the Provider may choose to either modify the Material to be non-infringing (while substantially preserving its utility or functionality) or obtain a license to allow for continued use, or if these alternatives are not commercially reasonable, the Provider may end the license for, and require return of, the applicable Material and refund any fees the Recipient may have paid to the other party for it and any unused, prepaid technical support fees you have paid for the license. The Provider will not indemnify the Recipient if the Recipient alters the Material or uses it outside the scope of use identified in the Provider's user documentation or if the Recipient uses a



version of the Materials which has been superseded, if the infringement claim could have been avoided by using an unaltered current version of the Material which was provided to the Recipient. The Provider will not Indemnify the Recipient to the extent that an Infringement claim is based upon any information, design, specification, Instruction, software, data, or material not furnished by the Provider. Mythics or Oracle will not Indemnify you to the extent that an Infringement claim is based upon the combination of any Material with any products or Services not provided by Mythics or Oracle. Mythics or Oracle will not indemnify you for Infringement caused by your actions against any third party if the Oracle Program(s) as delivered to you and used in accordance with the terms of this agreement would not otherwise infringe any third party Intellectual property rights. Mythics or Oracle will not indemnify you for any claim that is based on: (1) a patent that you were made aware of prior to the effective date of this agreement (pursuant to a claim, demand or notice); or (2) your actions prior to the effective date of this agreement. This section provides the parties' exclusive remedy for any Infringement claims or damages.

H. Technical Support

For purposes of the ordering document, technical support consists of annual technical support Services you may have ordered for the Programs. If ordered, annual technical support (including first year and all subsequent years) is provided under Oracle's technical support policies in effect at the time the Services are provided. You acknowledge that the technical support policies are incorporated in this agreement and are subject to change at Oracle's discretion; however, Oracle policy changes will not result in a material reduction in the level of Services provided for supported Programs during the period for which fees for technical support have been paid. You should review the policies prior to entering into the ordering document for the applicable Services. You may access the current version of the technical support policies at <http://oracle.com/contracts>. Technical support is effective upon the effective date of the ordering document unless otherwise stated in your order. Software Update License & Support (or any successor technical support offering to Software Update License & Support, "SULS") acquired with your order may be renewed annually.

If you decide to purchase technical support for any license within a license set, you are required to purchase technical support at the same level for all licenses within that license set. You may desupport a subset of licenses in a license set only if you agree to terminate that subset of licenses. The technical support fees for the remaining licenses will be priced in accordance with the technical support policies in effect at the time of termination. Oracle's license set definition is available in the current technical support policies. If you decide not to purchase technical support at the time that you purchase the licenses and/or Hardware, you may not update any unsupported program licenses with new versions of the program and you will be required to pay reinstatement fees in accordance with Oracle's current technical support policies if you decide to purchase support at a later date.

Oracle Hardware and Systems Support acquired with your order may be renewed annually. If ordered, Oracle Hardware and Systems Support (including first year and all subsequent years) is provided under Oracle's Hardware and Systems Support Policies in effect at the time the



technical support Services are provided. You agree to cooperate with Oracle and provide the access, resources, materials, personnel, information, and consents that Oracle may require in order to perform the technical support Services. The Oracle Hardware and Systems Support Policies, incorporated in this agreement, are subject to change at Oracle's discretion; however, Oracle will not materially reduce the level of technical support Services provided during the period for which fees for Oracle Hardware and Systems Support have been paid. You should review the policies prior to entering into an order for technical support.

You may access the current version of the Oracle Hardware and Systems Support Policies at <http://www.oracle.com/us/support/policies/index.html>.

Oracle Hardware and Systems Support is effective upon the Commencement Date of the Hardware or upon the effective date of the order if shipment of Hardware is not required.

I. End of Agreement

If either of us breaches a material term of this agreement and fails to correct the breach within 30 days of written specification of the breach, then the breaching party is in default and the non-breaching party may terminate this agreement. If Mythics ends this agreement as specified in the preceding sentence, you must pay within 30 days all amounts which have accrued prior to such end, as well as all sums remaining unpaid for Hardware and Programs ordered and/or Services received under this agreement plus related taxes and expenses. If Mythics or Oracle ends the license for a program under the Indemnification section, you must pay within 30 days all amounts remaining unpaid for Services related to such license plus related taxes and expenses. Except for nonpayment of fees, the non-breaching party may agree in its sole discretion to extend the 30 day period for so long as the breaching party continues reasonable efforts to cure the breach. You agree that if you are in default under this agreement, you may not use the Hardware, Programs and/or Services ordered. You further agree that if you have used an Oracle Financing Division contract to pay for the fees due under an order and you are in default under that contract, you may not use the Hardware, Programs and/or Services that are subject to such contract. Provisions that survive termination or expiration are those relating to limitation of liability, infringement indemnity, payment, and others that by their nature are intended to survive. Upon the termination of this agreement you shall discontinue use and destroy or return to Mythics all copies of Programs and documentation.

In reliance on your order Mythics will place a non-cancellable order with Oracle; therefore all orders from you are non-cancellable.

J. Fees and Taxes

Subject to Section 8 of the Agreement entitled "Payment", Program fees are invoiced as of the commencement date for the Programs. All fees payable to Mythics are due within 45 days from the invoice date unless otherwise stated on your ordering document accepted by Mythics. You agree to pay any sales, value-added or other similar taxes imposed by applicable law that



Mythics must pay based on the Programs and/or Services you ordered, except for taxes based on Mythics' income. Also, you will reimburse Mythics for pre-approved reasonable expenses related to providing the Services. Fees for Services listed in an ordering document are exclusive of taxes and expenses. You agree that you have not relied on the future availability of any Hardware, Programs or updates in entering into this agreement and the payment obligations in your ordering document; however, (a) if you order SULS for Programs, the preceding sentence does not relieve Oracle of its obligation to provide updates under such order, if-and-when available, in accordance with Oracle's then current technical support policies and (b) the preceding sentence does not change the rights granted to you for any Program licensed under your ordering document, per the terms of your ordering document and this agreement.

In the event that any legal action is taken in order to collect any outstanding amount due, you agree, subject to applicable law, to pay for any reasonable costs of collection, including reasonable attorney fees. Failure to make payments in the manner set forth above shall constitute a default, which shall constitute grounds for an immediate injunction prohibiting the continued use of the Programs and/or Services. You agree that Mythics has the right to cancel your support due to non-payment.

K. Nondisclosure

By virtue of this agreement, the parties may have access to information that is confidential to one another ("confidential information"). We each agree to disclose only information that is required for the performance of obligations under this agreement. Confidential information shall be limited to the terms and pricing under this agreement and all information clearly identified as confidential at the time of disclosure.

A party's confidential information shall not include information that: (a) is or becomes a part of the public domain through no act or omission of the other party; (b) was in the other party's lawful possession prior to the disclosure and had not been obtained by the other party either directly or indirectly from the disclosing party; (c) is lawfully disclosed to the other party by a third party without restriction on the disclosure; or (d) is independently developed by the other party.

We each agree to hold each other's confidential information in confidence for a period of three years from the date of disclosure. Also, we each agree to disclose confidential information only to those employees or agents who are required to protect it against unauthorized disclosure. Nothing shall prevent either party from disclosing the terms or pricing under this agreement or orders submitted under this agreement in any legal proceeding arising from or in connection with this agreement or disclosing the confidential information to a federal or state governmental entity as required by law.

L. Entire Agreement

You agree that the Agreement, this license agreement and the information which is incorporated into this agreement by written reference (including reference to information



contained in a URL or referenced policy), together with the applicable ordering document, are the complete agreement for the Programs, Hardware, Operating System, Integrated Software, Integrated Software Options and/or Services ordered by you, and that this agreement supersedes all prior or contemporaneous agreements or representations, written or oral, regarding such Programs, Hardware, Operating System, Integrated Software, Integrated Software Options and/or Services. If any term of this agreement is found to be invalid or unenforceable, the remaining provisions will remain effective and such term shall be replaced with a term consistent with the purpose and intent of this agreement. It is expressly agreed that the terms of this agreement and any Mythics ordering document shall supersede the terms in any purchase order or other non-Mythics document and no terms included in any such purchase order or other non-Mythics document shall apply to the Programs, Hardware, Operating System, Integrated Software, Integrated Software Options and/or Services ordered. This agreement and ordering documents may not be modified and the rights and restrictions may not be altered or waived except in a writing signed by authorized representatives of you and of Mythics. Any notice required under this agreement shall be provided to the other party in writing.

M. Limitation of Liability

NEITHER YOU, THE CONTRACTOR NOR ORACLE SHALL BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES, OR ANY LOSS OF REVENUE OR PROFITS (EXCLUDING FEES UNDER YOUR ORDER), DATA, OR DATA USE. CONTRACTOR'S MAXIMUM LIABILITY FOR ALL DAMAGES ARISING OUT OF OR RELATED TO YOUR ORDER, WHETHER IN CONTRACT OR TORT, OR OTHERWISE, SHALL IN NO EVENT EXCEED, IN THE AGGREGATE, THE TOTAL AMOUNTS ACTUALLY PAID TO CONTRACTOR FOR THE SERVICES UNDER YOUR ORDER IN THE TWELVE (12) MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT GIVING RISE TO SUCH CLAIM LESS ANY REFUNDS OR CREDITS RECEIVED BY YOU FROM CONTRACTOR UNDER SUCH ORDER.

N. Export

Export laws and regulations of the United States and any other relevant local export laws and regulations apply to the Programs and Hardware (including any Integrated Software, Integrated Software Options, and Operating System(s)). You agree that such export laws govern your use of the Programs (including technical data), Hardware (including any Integrated Software, Integrated Software Options, and Operating System(s)) and any Services deliverables provided under this agreement, and you agree to comply with all such export laws and regulations (including "deemed export" and "deemed re-export" regulations). You agree that no data, information, program, Hardware (including any Integrated Software, Integrated Software Options, and Operating System(s)) and/or materials resulting from Services (or direct product thereof) will be exported, directly or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without limitation, nuclear, chemical, or biological weapons proliferation, or development of missile technology. You shall include the following notice on packing lists, commercial invoices, shipping documents and other documents involved in the transfer, export or re-export of the Programs and Hardware (including any Integrated Software, Integrated Software Options, and Operating System(s)):



These commodities, technology, software, or Hardware (including any Integrated Software, Integrated Software Options, and Operating System(s)) were exported in accordance with U.S. Export Administration Regulations and applicable export laws. Diversion contrary to applicable export laws is prohibited.

O. Other

1. This agreement is governed by the substantive and procedural laws of the State of California, and you and Mythics agree to submit to the exclusive jurisdiction of, and venue in, the State of California in any dispute arising out of or relating to this agreement.
2. If you have a dispute with Mythics or if you wish to provide a notice under the Indemnification section of this agreement, you will promptly send written notice to: Mythics, Inc., 1439 N. Great Neck Rd. Suite 201, Virginia Beach, VA 23454, Attention: General Counsel, Legal Department.
3. **Assignment:** You may not assign this agreement or give or transfer the Programs, the Operating System, the Integrated Software, the Integrated Software Options, and/or any Services or an interest in them to another individual or entity. If you grant a security interest in the Programs, the Operating System, the Integrated Software, the Integrated Software Options, and/or any Services deliverables, the secured party has no right to use or transfer the Programs, the Operating System, the Integrated Software, the Integrated Software Options, and/or any Services deliverables, and if you decide to finance your acquisition of the Hardware, Programs, Operating System, Integrated Software, Integrated Software Options and/or any Services, you will follow Oracle's policies regarding financing which are at <http://oracle.com/contracts>. The foregoing shall not be construed to limit the rights you may otherwise have with respect to the Linux operating system, third party technology or separate works licensed under open source or similar license terms
4. Except for actions for nonpayment or breach of Oracle's proprietary rights, no action, regardless of form, arising out of or relating to this agreement may be brought by either party more than two years after the cause of action has accrued.
5. Upon 45 days written notice, Mythics (or Oracle, who may be assigned Mythics' audit rights or be provided with the audit results) may audit your use of the Programs, Operating System, Integrated Software and Integrated Software Options. You agree to cooperate with Mythics' or Oracle's audit and provide reasonable assistance and access to information. Any such audit shall not unreasonably interfere with your normal business operations. You agree to pay within 30 days of written notification any fees applicable to your use of the Programs, Operating System, Integrated Software and Integrated Software Options in excess of your license rights. If you do not pay, Mythics or Oracle can end your (a) technical support, licenses and/or this agreement (b) Service Offerings (including technical support) related to the Operating System, Integrated Software and Integrated



Software Options, (c) licenses of the Operating System, Integrated Software and Integrated Software Options ordered under this amendment and related agreements. You agree that Mythics and Oracle shall not be responsible for any of your costs incurred in cooperating with the audit.

6. The Uniform Computer Information Transactions Act does not apply to this agreement or orders placed under it.
7. Oracle shall not be required to perform any obligations or incur any liability not expressly set forth herein. Oracle is not liable for nor bound by the acts of any third party firm, including Mythics, that is retained by you to provide computer consulting Services. Such firms are independent of Oracle and not Oracle's agents.
8. Oracle Programs, including documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation ("FAR") and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation, shall be subject to the license and license restrictions set forth in this Agreement, and to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software- Restricted Rights (June 1987).

P. Force Majeure

Neither you, Contractor, nor Oracle shall be responsible for failure or delay of performance if caused by: an act of war, hostility, or sabotage; act of God; pandemic; electrical, internet, or telecommunication outage that is not caused by the obligated party; government restrictions (including the denial or cancelation of any export, import or other license); or other event outside the reasonable control of the obligated party. All parties will use reasonable efforts to mitigate the effect of a force majeure event. If such event continues for more than 30 days, the affected order(s) will be terminated for convenience unless the parties otherwise agree in writing. This Section does not excuse either party's obligation to take reasonable steps to follow its normal disaster recovery procedures or your obligation to pay for the services..

Q. License Definitions and Rules

To fully understand your license grant, you need to review the definition for the licensing metric and term designation as well as the licensing rules that are listed in Exhibit A attached hereto and are incorporated in and made a part of this agreement. These license rules are current as of the date of the Agreement. However, Oracle's license rules and definitions are subject to change for future purchases referencing this agreement. In the event of a change to Oracle's license rules and definitions, Mythics may submit such changes to You as Oracle requires in writing for Your review. You shall have sixty (60) days to accept or reject those changes. In the event the event You accept those changes, You shall notify Mythics in writing of such acceptance and the parties will execute and Amendment to the Agreement to incorporate such changes.



The effective date of this agreement shall be November 30, 2017.

MYTHICS, INC.

San Francisco Public Utilities Commission

By: 
(Signature)

By: 
(Signature)

Dale Darr, VP Contracts
(Printed Name and Title)

Harlan L. Kelly, Jr., General Manager
(Printed Name and Title)

Date: 6 Nov. 2017

Date: 11-15-17



**Mythics License and Services Agreement
Hardware Terms Exhibit**

A. Terms Specific to Hardware and Hardware Support Services

1. Hardware Composition

- a. Your Hardware order consists of the following items: Operating System (as defined in your configuration), integrated software, and all Hardware equipment (including components, options and spare parts) specified on the applicable order. Your Hardware order may also include Integrated Software Options. Integrated Software Options may not be activated or used until you separately order them and agree to pay additional fees. You have the right to use the Operating System delivered with the Hardware subject to the terms of the license agreement(s) delivered with the Hardware. Current versions of the license agreements are located at <http://oracle.com/contracts>. You are licensed to use the Operating System and any Operating System updates acquired through technical support only as incorporated in, and as part of the Hardware.
- b. You have the limited, non-exclusive, royalty free, non-transferable, non-assignable right to use Integrated Software delivered with the Hardware subject to the terms of this agreement and the applicable documentation. You are licensed to use that Integrated Software and any Integrated Software updates acquired through technical support only as incorporated in, and as part of, the Hardware. You have the limited, non-exclusive, royalty free, non-transferable, non-assignable right to use Integrated Software Options that you separately order subject to the terms of this agreement, the applicable documentation and the Integrated Software Options License Rules; the Integrated Software Options License Rules are incorporated in and made a part of this agreement. You are licensed to use those Integrated Software Options and any Integrated Software Options updates acquired through technical support only as incorporated in, and as part of, the Hardware. To fully understand your license right to any Integrated Software Options that you separately order, You need to review the Integrated Software Options License Rules. In the event of any conflict between the agreement and the Integrated Software Options License Rules, the Integrated Software Options License Rules shall take precedence.
- c. The Operating System, Integrated Software and/or Integrated Software Options may include separate works, identified in a readme file, notice file or the applicable documentation, which are licensed under open source or similar license terms; your rights to use the Operating System, Integrated Software, and Integrated Software Options under such terms are not restricted in any way by the agreement including this amendment. The appropriate terms associated with such separate works can be found in the readme files, notice files or in the documentation accompanying the Operating System, Integrated



Software and Integrated Software Options.

For GPLv2, LGPLv2.1, GPLv3 and LGPLv3 licensed code you received as binaries on physical media, you may receive a copy of the source code ("source code") on media via postal service by submitting a written request at <http://www.oracle.com/technetwork/opensource/index.html>. Alternatively, you can mail your written request to Oracle Corporation, Attn: VP of Legal, Development and Engineering, 500 Oracle Parkway, MS-50P10, Redwood Shores, CA 94065. Your request should include the name and version number of the Product, Your name, your company name (if applicable), your return mailing address, and Your email address. Certain source distributions require a fee for physical media; in such case, you will be sent details on the cost and payment procedure via email. Your request must be sent within three (3) years of the date of the last delivery of the applicable Product, or in the case of code licensed under the GPLv3, You may send a request for as long as Oracle offers spare parts or technical support for the applicable Product model. This offer only applies if you received Your Operating System, Integrated Software or Integrated Software Options on physical media.

- d. Not all Hardware contains Integrated Software Options; please refer to the Oracle Integrated Software Options License Definitions, Rules and Metrics accessible at <http://oracle.com/contracts> (the "Integrated Software Options License Rules") for the specific Integrated Software Options that may apply to specific Hardware. Oracle reserves the right to designate new software features as Integrated Software Options in subsequent releases and that designation will be specified in the applicable documentation and in the Integrated Software Options License Rules
- e. You acknowledge that to operate certain Hardware your facility must meet a minimum set of requirements as described in the Hardware documentation. Such requirements may change from time to time, as communicated by Oracle to you in the applicable Hardware documentation.

2. Use Restriction

The Hardware and Integrated Software are not specifically designed, manufactured, or intended for use as parts, components, or assemblies for the planning, construction, maintenance, or operation of a nuclear facility. Use of the Hardware for these purposes is prohibited.

3. Hardware Related Service Offerings

In addition to technical support, You may order a limited number of Hardware-related Service Offerings under this agreement as listed in the Hardware-Related Service



Offerings document, which is at <http://oracle.com/contracts>. You agree to provide Oracle with all information, access and full good faith cooperation reasonably necessary to enable Oracle to deliver these Service Offerings and You will perform the actions identified in the order as Your responsibility. If while performing these Service Offerings Oracle requires access to another vendor's products that are part of Your system, You will be responsible for acquiring all such products and the appropriate license rights necessary for Oracle to access such products on Your behalf. Service Offerings provided may be related to Your license to use products owned or distributed by Oracle or Mythics which You acquire under a separate order. The agreement referenced in that order shall govern Your use of such products. Upon payment for Hardware-related Service Offerings, You have the non-exclusive, non-assignable, royalty free, perpetual, limited right to use for Your internal business operations anything developed by Oracle and delivered to You under this Agreement. However, certain deliverables may be subject to additional license terms provided in the ordering document.

4. Delivery, Installation and Acceptance of Hardware

- a. You are responsible for installation of the Hardware, unless you purchase installation Services from Mythics or Oracle with respect to such Hardware.
- b. Mythics or Oracle will deliver the Hardware to the delivery address specified by you on your purchasing document or when your purchasing document does not indicate a ship to address, the location specified on the order. The applicable country specific Hardware shipping terms are located in the Order and Delivery Policies, which may be accessed at <http://oracle.com/contracts>.
- c. Acceptance of the Hardware occurs on delivery.
- d. Mythics or Oracle may make and invoice you for partial deliveries.
- e. Mythics or Oracle may make product substitutions and modifications that do not cause a material adverse effect in overall Hardware performance.
- f. Mythics or Oracle will use its reasonable commercial efforts to deliver the Hardware within a timeframe that is consistent with Oracle's past practices regarding the amount and type of Hardware that you have ordered.

5. Transfer of Title

Title to the Hardware will transfer upon delivery.

B. General Terms



1. Commencement Date

For the Hardware, Operating System and Integrated Software, the commencement date shall be the date the Hardware is delivered. The period of performance for all related Services is effective upon delivery of Hardware or upon the effective date of the order if shipment of Hardware is not required. For Integrated Software Options, the Commencement Date refers to the date that Mythics accepts and submits to Oracle Your order for an Integrated Software Option.

2. Territory

a. The Hardware shall be installed in the country that you specify as the delivery location on your purchasing document or when your purchasing document does not indicate a ship to address, the location specified in the order.

b. The Program licenses shall be for use as designated on each order.

3. Pricing, Invoicing, and Payment Obligation

a. Once placed, your order shall be non-cancelable and the sums paid nonrefundable, except as provided in the agreement.

You may change a Hardware order prior to shipment subject to the then current change order fee as established by Oracle from time to time. The applicable change order fees and a description of allowed changes are defined in the Order and Delivery Policies, which may be accessed at <http://oracle.com/contracts>.

b. In entering into payment obligations under an order, you agree and acknowledge that you have not relied on the future availability of any Hardware, program or updates.

However, (a) if you order technical support, the

preceding sentence does not relieve Oracle of its obligation to provide such technical support under the agreement, if and when available, in accordance with Oracle's then current technical support policies, and (b) the preceding sentence does not change the rights granted to you under an order and the agreement.

c. You understand that you may receive multiple invoices for the products and/or Services you ordered.

d. Hardware and Integrated Software Options fees are invoiced as of the respective Commencement Dates.



e. Unless otherwise agreed, Hardware-related Service Offering fees are invoiced in advance of the Hardware- related Service Offering performance; specifically, technical support fees are invoiced annually in advance. The period of performance for all Hardware-related Service Offerings is effective upon the Commencement Date of the Hardware or upon the effective date of the order if shipment of Hardware is not required.

f. In addition to the prices listed on the order, you will be invoiced for any applicable freight charges or applicable taxes, and you will be responsible for such charges and taxes notwithstanding any express or implied provision in the “Incoterms” referenced in the Order and Delivery Policies. The Order and Delivery Policies may be accessed at <http://oracle.com/contracts>.

4. Segmentation

The purchase of any Products and related Service Offerings or other Service Offerings are all separate offers and separate from any other order for any Products and related Service Offerings or other Service Offerings you may receive or have received from Mythics or Oracle. You understand that you may purchase any Products and related Service Offerings or other Service Offerings independently of any other Products or Service Offerings. Your obligation to pay for (a) any Products and related Service Offerings is not contingent on performance of any other Service Offerings or delivery of any other Products or (b) other Service Offerings is not contingent on delivery of any Products or performance of any additional/other Service Offerings.



EXHIBIT A
Definitions and License Metrics

\$M Annual Transaction Volume: is defined as one million U.S. dollars (\$1,000,000) in all purchase orders transacted and all auctions conducted through the Oracle Exchange Marketplace by you and others during the applicable year of the Oracle Exchange Marketplace license, regardless of whether any such auction results in a purchase order, provided that an auction resulting in a purchase order shall only be counted against the Annual Transaction Volume once.

Application Module: is defined as a Program used by You on a single or multiple computers

Applications National Language Support (NLS) Supplement Media Packs: Please be advised that only a subset of the products included on an Applications NLS Supplement Media Pack have been translated. For existing supported customers, My Oracle Support has information on which products have been translated for the supported languages (<http://support.oracle.com>). For new or unsupported customers, please contact your Oracle Account Manager for this information.

\$M in Application Annual Revenue: is defined as one million U.S. dollars excluding taxes processed through the licensed program. For Oracle Self-Service E-Billing products, the Annual Revenue is equivalent to the total invoiced amount for all company accounts that have at least one enrolled user per billing period.

Application Developed: is defined as a software Program developed by You that operates on smart-phones and/or other end user devices and that (i) provides end users with access to content or (ii) provides end users with end user transaction enablement or (iii) otherwise enables use by end users of functions available through the Oracle run-time Program.

Application User: is defined as an individual authorized by you to use the applicable licensed application programs which are installed on a single server or on multiple servers regardless of whether the individual is actively using the programs at any given time. If you license the Oracle Self Service Work Request option in conjunction with Oracle Enterprise Asset Management, you are required to maintain licenses for the equivalent number of Application Users licensed and you are granted unlimited access to initiate work requests, view work request status and view scheduled completion dates for your entire employee population. Application Users licensed for Oracle Order Management are allowed to manually enter orders directly into the programs but any orders entered electronically from other sources must be licensed separately. For Oracle Sourcing, Oracle Fusion Sourcing, Oracle iSupplier Portal, Oracle Fusion Supplier Portal, Oracle Services Procurement, PeopleSoft eSupplier Connection, PeopleSoft Strategic Sourcing and JD Edwards Supplier Self Service programs, use by your external suppliers is included with your application user licenses. For the purposes of



the Oracle Financial Services Operational Risk Solution Program, employees who are just contributing information to the Program via the applicable user interface shall not be counted as application users.

Application Read-Only User: is defined as an individual authorized by you to run only queries or reports against the application program for which you have also acquired non read-only licenses, regardless of whether the individual is actively using the programs at any given time.

Brand: is defined as a named product offering that corresponds to a specific molecular entity, including multiple dosage forms and multiple strengths for the same molecular entity.

Case Report Form (CRF) Page: is defined as the "electronic equivalent" of what would be the total number of physical paper pages initiated remotely by the program (measured explicitly in the program as Received Data Collection Instruments) during a 12 month period. You may not exceed the licensed number of CRF Pages during any 12 month period unless you acquire additional CRF Page licenses from Oracle.

Chassis: is defined as a physical enclosure containing hardware. For the purposes of the following Programs: Oracle Fabric Manager and Oracle Fabric Monitor, only the chassis (a) that contain networking hardware and (b) that are managed by the Program must be counted for the purpose of determining the number of licenses required.

Client Application Loader Client: is defined as a device that receives its configuration from a client application server.

Collaboration Program User: is defined as an individual authorized by you to use the programs which are installed on a single server or on multiple servers regardless of whether the individual is actively using the programs at any given time. For the purposes of counting and licensing the number of Beehive Synchronous Collaboration users, a Collaboration Program User within your company is defined as a user able to initiate, or host, a web conference and also participate in a web conference; all participants in the web conference external to your company and attending a web conference are not required to be licensed.

Compensated Individual: is defined as an individual whose compensation or compensation calculations are generated by the programs. The term Compensated Individual includes, but is not limited to, your employees, contractors, retirees, and any other Person.

Computer: is defined as the computer on which the programs are installed. A Computer license allows you to use the licensed program on a single specified computer. For the purposes of Computer licenses for the Oracle Health Science Integration Engine program, a communication point is an interface to an input system (e.g., a clinical laboratory system in a hospital or healthcare setting) or to an output system (e.g., a healthcare data repository).



5 Concurrent Users: is defined as five concurrent users where each Concurrent User is an individual who is authorized by you to access the Program concurrently with other individuals at any given time.

Concurrent User: is defined as each individual that may concurrently use or access the programs. Concurrent Users shall be only customers or prospective customers of yours, and shall not be business partners, or employees of yours.

Concurrent Connection: is defined as each connection to a Serduct/Datalink. A Serduct/Datalink is defined as an interface that renders the Infor software operable for use with Micros Applications.

Connected Device: is defined as each unique device that transmits data to or receives data from Oracle application Programs or Oracle cloud services. Devices include, but are not limited to, sensors, meters, RFID readers, and barcode scanners. Devices may be connected directly to Oracle application Programs or Oracle cloud services, or may be connected indirectly to Oracle application Programs or Oracle cloud services through a gateway device or a third-party communications service. A device may be uniquely identified as being the endpoint of communication of data to or from an Oracle application Program or an Oracle cloud service, or may be uniquely identified by its explicit registry with an Oracle application Program or an Oracle cloud service.

Connected Instance: is defined as the configuration between Oracle Policy Automation Connector for Oracle CRM On Demand and the Oracle CRM On Demand instance's web service endpoint. For each Oracle CRM On Demand instance so configured, an additional Connected Instance is required.

Connector: is defined as each connector connecting the software product with an external product. A unique connector is required for each distinct product that the software product is required to interface.

\$M Cost of Goods Sold: is defined as one million U.S. dollars in the total cost of inventory that a company has sold during their fiscal year. If Cost of Goods Sold is unknown to you then Cost of Goods Sold shall be equal to 75% of total company revenue.

CPU: is defined as a chip that contains a collection of one or more cores on which the Program is running. Regardless of the number of cores, each chip counts as 1 CPU.

Custom Suite User: is defined as an individual authorized by you to use the application programs included in the applicable Custom Applications Suite which are installed on a single server or on multiple servers regardless of whether the individual is actively using the programs at any given time.



Customer: is defined as the customer entity specified on your order. The programs may not be used or accessed for the business operations of any third party, including but not limited to your customers, partners, or your affiliates.

There is no limitation on the number of computers on which such programs may be copied, installed and used.

Customer Account: is defined as each unique Customer Account, designated by a unique account number, for which the billing information is managed or displayed using the program, regardless of the number of individual account holders associated with such accounts.

Oracle Customer Data & Device Retention Service: is defined as a service for which the description may be found in the Technical Support Policies section (Oracle Hardware and Systems Support Policies) at www.oracle.com/contracts and which is incorporated by reference.

Customer Record: is defined as each unique Customer Record (including contact records, prospect records and records in external data sources) that you may access using the program.

10,000 Daily Average Transactions: is defined as ten thousand unique transactions (including but not limited to sales transactions, return transactions, exchange transactions, loyalty transactions, deal transactions, gift card transactions, inventory transactions, petty cash transactions, and administrative transactions) that are processed by the Program in a single 24 hour period. The daily transaction volume is calculated as the daily average over the prior 12 month period.

Developer User / Developer/ Developer Seat: is defined as an individual authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether the individual is actively using the programs at any given time. With respect to Developer Users only, such users may create, modify, view and interact with the programs and documentation.

Disk Drive: is defined as a spinning media device that stores data accessed by the Oracle Exadata Storage Server Software program.

Electronic Order Line: is defined as the total number of distinct order lines entered electronically into the Oracle program from any source (not manually entered by licensed users) during a 12 month period. This includes order lines originating as external EDI/XML transactions and/or sourced from other Oracle and non-Oracle applications. You may not exceed the licensed number of order lines during any 12 month period.



Employee: is defined as (i) all of your full-time, part-time, temporary employees, and (ii) all of your agents, contractors and consultants who have access to, use, or are tracked by the programs. The quantity of the licenses required is determined by the number of Employees and not the actual number of users. In addition, if you elect to outsource any business function(s) to another company, the following must be counted for purposes of determining the number of Employees: all of the company's full-time employees, part-time employees, temporary employees, agents, contractors and consultants that (i) are providing the outsourcing services and (ii) have access to, use, or are tracked by the programs.

Employee for HCM: is defined as (i) all of Your full-time, part-time, temporary employees, and (ii) all of Your agents, contractors and consultants who have access to, use, or are tracked by the Programs. The quantity of the licenses required is determined by the number of Employees for HCM and not the actual number of users. In addition, if You elect to outsource any business function(s) to another company, the following must be counted for purposes of determining the number of Employees for HCM: all of the company's full-time employees, part-time employees, temporary employees, agents, contractors and consultants that (i) are providing the outsourcing services and (ii) have access to, use, or are tracked by the Programs. Employees for HCM may only use the licensed Programs with Oracle application Programs that contain "Oracle Fusion Human Capital Management" as a prefix in the Program name.

Employee User: is defined as an individual authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether or not the individual is actively using the programs at any given time.

Enterprise Employee: is defined as (i) all of your full-time, part-time, temporary employees, and (ii) all of your agents, contractors and consultants who have access to, use, or are tracked by the programs. The quantity of the licenses required is determined by the number of Enterprise Employees and not the actual number of users. In addition, if you elect to outsource any business function(s) to another company, the following must be counted for purposes of determining the number of Enterprise Employees: all of the company's full-time employees, part-time employees, temporary employees, agents, contractors and consultants that (i) are providing the outsourcing services and (ii) have access to, use, or are tracked by the programs. The value of these program licenses is determined by the number of Enterprise Employees. For these program licenses, the licensed quantity purchased must, at a minimum be equal to the number of Enterprise Employees as of the effective date of your order. If at any time the number of Enterprise Employees exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the number of Enterprise Employees is equal to or less than the number of licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the number of Enterprise Employees. In addition, each year 90 days before the anniversary date of your order, you are required to report to Oracle the number of Enterprise Employees as of such date.



Enterprise Full Time Equivalent (FTE) Student: is defined as any full-time student enrolled in your institution and any part-time student enrolled in your institution counts as 25% of an FTE Student. The definition of "full-time" and "part-time" is based on your policies for student classification. If the number of FTE Students is a fraction, that number will be rounded to the nearest whole number for purposes of license quantity requirements. The value of these program licenses is determined by the number of Enterprise FTE Students. For these program licenses, the licensed quantity purchased must, at a minimum, be equal to the number of Enterprise FTE Students as of the effective date of your order. If at any time the number of Enterprise FTE Students exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the number of Enterprise FTE Students is equal to or less than the licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the number of Enterprise FTE Students. In addition, each year 90 days before the anniversary date of your order, you are required to report to Oracle the number of Enterprise FTE Students as of such date.

Enterprise Trainee: is defined as an employee, contractor, student or other person who is being recorded by the program. The value of these program licenses is determined by the number of Enterprise Trainees. For these program licenses, the licensed quantity purchased must, at a minimum, be equal to the number of Enterprise Trainees as of the effective date of your order. If at any time the number of Enterprise Trainees exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the number of Enterprise Trainees is equal to or less than the licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the number of Enterprise Trainees. In addition, each year 90 days before the anniversary date of your order, you are required to report to Oracle the number of Enterprise Trainees as of such date.

Enterprise \$M in Cost of Goods Sold: Enterprise \$M Cost of Goods Sold is defined as one million U.S. dollars in the total cost of inventory that a company has sold during their fiscal year. If Cost of Goods Sold is unknown to you then Cost of Goods Sold shall be equal to 75% of total company revenue. The value of these program licenses is determined by the amount of Enterprise \$M Cost of Goods Sold. For these program licenses, the licensed quantity purchased must, at a minimum be equal to the amount of Enterprise \$M Cost of Goods Sold as of the effective date of your order. If at any time the amount of Enterprise \$M Cost of Goods Sold exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the amount of Enterprise \$M Cost of Goods Sold is equal to or less than the number of licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the amount of Enterprise \$M Cost of Goods Sold. In addition, each year 90 days before the anniversary date of your order, you are required to report to Oracle the number of Enterprise \$M Cost of Goods Sold as of such date.



Enterprise \$M in Freight Under Management: \$M Freight Under Management is defined as one million U.S. dollars of the total transportation value of tendered orders for all shipments for a given calendar year during the term of the license. FUM shall include the combined total of actual freight purchased by you, plus the cost of freight for shipments managed by you (e.g., you are not purchasing transportation services on behalf of your clients but are providing transportation management services for your clients). Freight that is paid by a third party shall also be included in the FUM total (e.g., inbound shipments from suppliers to you with freight terms of prepaid). The value of these program licenses is determined by the amount of Enterprise \$M Freight Under Management. For these program licenses, the licensed quantity purchased must, at a minimum be equal to the amount of Enterprise \$M Freight Under Management as of the effective date of your order. If at any time the amount of Enterprise \$M Freight Under Management exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the amount of Enterprise \$M Freight Under Management is equal to or less than the number of licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the amount of Enterprise \$M Freight Under Management. In addition, each year 90 days before the anniversary date of your order, you are required to report to Oracle the number of Enterprise \$M Freight Under Management as of such date.

Enterprise \$M in Operating Budget: is defined as one million U.S. dollars of your gross budget reflected in an audited statement from your external accounting firm. The value of these program licenses is determined by the amount of Enterprise \$M in Operating Budget. For these program licenses, the licensed quantity purchased must, at a minimum be equal to the amount of Enterprise \$M in Operating Budget as of the effective date of your order. If at any time the amount of Enterprise \$M in Operating Budget exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the amount of Enterprise \$M in Operating Budget is equal to or less than the number of licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the amount of Enterprise \$M in Operating Budget. In addition, each year 90 days before the anniversary date of your order, you are required to report to Oracle the number of Enterprise \$M in Operating Budget as of such date.

Enterprise \$M in Revenue: Enterprise \$M in Revenue is defined as one million U.S. dollars in all income (interest income and non interest income) before adjustments for expenses and taxes generated by you during a fiscal year. The value of these program licenses is determined by the amount of Enterprise \$M in Revenue. For these program licenses, the licensed quantity purchased must, at a minimum be equal to the amount of Enterprise \$M in Revenue as of the effective date of your order. If at any time the amount of Enterprise \$M in Revenue exceeds the licensed quantity, you are required to order additional licenses (and technical support for such additional licenses) such that the amount of Enterprise \$M in Revenue is equal to or less than the number of licensed quantity. You are not entitled to any refund, credit or other consideration of any kind if there is a reduction in the amount of Enterprise \$M in Revenue. In addition, each year 90 days before the anniversary date of your order, you are required to report



to Oracle the number of Enterprise \$M in Revenue as of such date.

Expense Report: is defined as the total number of expense reports processed by Internet Expenses during a 12 month period. You may not exceed the licensed number of expense reports during any 12 month period.

Faculty User: is defined as an active teaching member of the faculty for an accredited academic institution; such user may only use the programs for academic and non-commercial use.

Field Technician: is defined as an engineer, technician, representative, or other person who is dispatched by you, including the dispatchers, to the field using the programs.

Flash Drive: is defined as a front mounted solid state media device that stores data accessed by the Program.

\$M Freight Under Management: is defined as one million U.S. dollars of the total transportation value of tendered orders for all shipments for a given calendar year during the term of the license. FUM shall include the combined total of actual freight purchased by you, plus the cost of freight for shipments managed by you (e.g., you are not purchasing transportation services on behalf of your clients but are providing transportation management services for your clients). Freight that is paid by a third party shall also be included in the FUM total (e.g., inbound shipments from suppliers to you with freight terms of prepaid).

Full Time Equivalent (FTE) Student: is defined as any full-time student enrolled in your institution and any part-time student enrolled in your institution counts as 25% of an FTE Student. The definition of "full-time" and "part-time" is based on your policies for student classification. If the number of FTE Students is a fraction, that number will be rounded to the nearest whole number for purposes of license quantity requirements.

25,000 Gift Cards: is defined as twenty-five thousand value cards (gift or stored) that are generated by the Program during a 12 month period.

Guest Cabin: is defined as a guest cabin onboard a cruise ship managed by the Program. You must license the total number of Guest Cabins onboard each cruise ship managed by the Program and the licensed quantity of Guest Cabin licenses may not be shared across multiple cruise ships.

For the purposes of the Cruise Fleet Management, Cruise Crew Management, Cruise Materials Management HQ and Sub-HQ Programs, You must license the total number of Guest Cabins onboard all ships or vessels in the fleet that are managed by the Program.

Guest Room: is defined as the number of guest rooms managed by the program. For the purposes of the Oracle Hospitality Suite8 Interface Programs, a unique Guest Room



license is required for each distinct product with which an Oracle Hospitality Suite8 Program is required to interface. For example, a customer requiring interfaces of an Oracle Hospitality Suite8 Program with three distinct products must have three separate Guest Room licenses.

Hosted Named User: is defined as an individual authorized by you to access the hosted service, regardless of whether the individual is actively accessing the hosted service at any given time.

Hospitality Suite: is defined as an entertainment space that typically includes, but is not limited to, a kitchenette, restroom, table and seats within an arena, stadium, concert venue or other venue that is managed by the Program.

Installation Services, Start-Up Packs, and Configuration/Upgrade Services: is defined as a service(s) for which the description may be found in the Advanced Customer Support Services section at www.oracle.com/contracts and which is incorporated by reference.

Instance: is defined as a single database environment. Test, production, and development environments are considered three separate instances that must each be licensed.

Inventory Location: is defined as a dedicated physical inventory space used by vendors to store their inventory within an arena, stadium, concert venue or other venue that is managed by the Program. Each dedicated physical inventory space must be counted as one Inventory Location.

Invoice Line: is defined as the total number of invoice line items processed by the program during a 12 month period. You may not exceed the licensed number of Invoice Lines during any 12 month period unless you acquire additional Invoice Line licenses from Oracle.

IVR Port: is defined as a single caller that can be processed via the Interactive Voice Response (IVR) system. You must purchase licenses for the number of IVR Ports that represent the maximum number of concurrent callers that can be processed by the IVR system.

Kitchen Display Client: is defined as a device that is used to display and monitor the status of ordered items. If multiplexing hardware or software (e.g., a TP monitor or a web server product) is used, this number must be measured at the multiplexing front end.

Learning Credits: may be used to acquire education products and services offered in the Oracle University online catalogue posted at <http://www.oracle.com/education> under the terms specified therein. Learning credits may only be used to acquire products and services at the list price in effect at the time you order the relevant product or service, and may not be used for any product or service that is subject to a discount or a promotion when you order the relevant product or service. The list price will be reduced by applying the discount specified to you by Oracle.

Notwithstanding anything to the contrary in the previous three sentences, learning credits may



also be used to pay taxes, materials and/or expenses related to your order; however, the discount specified above will not be applied to such taxes, materials and/or expenses. Learning credits are valid for a period of 12 months from the date your order is accepted by Oracle, and you must acquire products and must use any acquired services prior to the end of such period. You may only use learning credits in the country in which you acquired them, may not use them as a payment method for additional learning credits, and may not use different learning credits accounts to acquire a single product or service or to pay related taxes, materials and/or expenses. Learning credits are non-transferable and non-assignable. You may be required to execute standard Oracle ordering materials when using learning credits to order products or services.

\$M in Managed Assets: is defined as one million U.S. dollars of the following total: (1) Book value of investment in capital leases, direct financing leases and other finance leases, including residuals, whether owned or managed for others, active on the program, plus (2) Book value of assets on operating leases, whether owned or managed for others, active on the program, plus (3) Book value of loans, notes, conditional sales contracts and other receivables, owned or managed for others, active on the program, plus (4) Book value of non earning assets, owned or managed for others, which were previously leased and active on the program, including assets from term terminated leases and repossessed assets, plus (5) Original cost of assets underlying leases and loans, originated and active on the program, then sold within the previous 12 months.

Managed Resource: is defined as an individual authorized by you to use the programs which are installed on a single server or on multiple servers, regardless of whether the individual is actively using the programs at any given time. In addition, your employees, contractors, partners and any other individual or entity managed by the programs shall be counted for the purposes of determining the number of Managed Resource licenses required.

Member Record: is defined as each unique customer loyalty program Member Record managed by the program. 100K Member Records shall mean one hundred thousand Member Records.

Merchandise: is defined as a unique item or SKU of a consumer good.

Module: is defined as each production database running the programs.

Monitored User: is defined as an individual who is monitored by an Analytics program which is installed on a single server or multiple servers, regardless of whether the individual is actively being monitored at any given time.

Individual users who are licensed for an Analytics program by either Named User Plus or Application User may not be licensed by Monitored User. For the purposes of the Usage Accelerator Analytics program, every user of your licensed CRM Sales application program must be licensed. For the purposes of the Human Resources Compensation Analytics program,



all of your employees must be licensed.

For the purpose of the following Oracle Governance, Risk, and Compliance applications: Application Access Controls Governor, Application Access Controls for E-Business Suite, Configuration Controls Governor, Configuration Controls for E-Business Suite, Transaction Controls Governor, Preventive Controls Governor, and Governance, Risk, and Compliance Controls Suite, the number of Monitored Users is equal to the total number of unique E-Business Suite users (individuals) being monitored by the program(s), as created/defined in the User Administration function of E-Business Suite. Users of iProcurement and/or Self-Service Human Resources are excluded.

For the purpose of the following PeopleSoft Enterprise Governance, Risk, and Compliance applications: Application Access Controls Governor, Application Access Controls for PeopleSoft Enterprise, Configuration Controls Governor, and Configuration Controls for PeopleSoft Enterprise, the number of Monitored Users is equal to the total number of unique PeopleSoft Enterprise (or any other custom applications / programs) users (individuals) that the program monitors.

MySQL Cluster Carrier Grade Edition Annual Subscription, MySQL Enterprise Edition Annual Subscription, and MySQL Standard Edition Annual Subscription: are defined as the right to use the specified program(s) in accordance with the applicable license metric and to receive Oracle Software Update License & Support for the specified program(s) and for MySQL Community Edition for the term specified on the order. MySQL Community Edition refers to MySQL that is licensed under the GPL license. Software Update License & Support for MySQL Community Edition does not include updates of any kind. The subscription term is effective upon the effective date of the subscription ordering document, unless otherwise stated in your ordering document. If your order was placed through the Oracle Store, then the effective date is the date your order was accepted by Oracle. Oracle Software Update License & Support services are provided under the applicable technical support policies in effect at the time the services are provided. You must obtain a subscription license for all servers where MySQL Cluster Carrier Grade Edition, MySQL Enterprise Edition and/or MySQL Standard Edition are deployed and for all servers where MySQL Community Edition is deployed. If you obtain Oracle Software Update License & Support services for any servers where MySQL Community Edition is deployed, then you must also purchase a subscription license for all of such servers for which you have obtained Oracle Software Update License & Support services. You may obtain Oracle Software Update License & Support services for the MySQL Community Edition subscription licenses at any level (e.g. at the MySQL Cluster Carrier Grade Edition level, at the MySQL Enterprise Edition level and/or at the MySQL Standard Edition level). At the end of the specified term, you may renew your subscription, if available, at the then current fees for the applicable subscription. If you choose not to renew your subscription, your right to use the program(s) will terminate and you must de-install all applications, tools, and binaries provided to you under the applicable non-Community Edition license (e.g. the license for MySQL Cluster Carrier Grade Edition, MySQL Enterprise Edition and/or MySQL Standard Edition.) If you do not



renew a subscription, you will not receive any updates (including patches or subsequent versions) and you may also be subject to reinstatement fees if you later choose to reactivate your subscription.

Named User Plus / Named User: is defined as an individual authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether the individual is actively using the programs at any given time. All of the remaining provisions of this definition apply only with respect to Named User Plus licenses, and not to Named User licenses. A non human operated device will be counted as a named user plus in addition to all individuals authorized to use the programs, if such devices can access the programs. If multiplexing hardware or software (e.g., a TP monitor or a web server product) is used, this number must be measured at the multiplexing front end. Automated batching of data from computer to computer is permitted. You are responsible for ensuring that the named user plus per processor minimums are maintained for the programs contained in the user minimum table in the licensing rules section; the minimums table provides for the minimum number of named users plus required and all actual users must be licensed.

For the purposes of the following programs: Configuration Management Pack for Applications, System Monitoring Plug-in for Non Oracle Databases, System Monitoring Plug-in for Non Oracle Middleware, Management Pack for Non- Oracle Middleware, Management Pack for WebCenter Suite, Data Masking Pack for Non-Oracle Databases and Test Data Management Pack for Non-Oracle Databases, only the users of the program that is being managed/monitored are counted for the purpose of determining the number of Named User Plus licenses required.

With respect to the following programs: Load Testing, Load Testing Developer Edition, Load Testing Accelerator for Web Services, Load Testing Accelerator for Oracle Database and Load Testing Suite for Oracle Applications, each emulated human user and non human operated device shall be considered as a virtual user and shall be counted for the purpose of determining the number of Named User Plus licenses required.

For the purposes of the following Programs: Data Masking and Subsetting Pack and Data Masking and Subsetting Pack for Non-Oracle Databases, only (a) the users of the database servers where masked data or data subsets originate and (b) the users of the database servers performing the masking or subsetting operations (via GUI or command line) must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Application Management Suite for Oracle E-Business Suite, Application Management Suite for PeopleSoft, Application Management Suite for Siebel, Application Management Suite for JD Edwards EnterpriseOne, Real User Experience Insight and Application Replay Pack, all users of the respective managed application program must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate, only (a) the users of the Oracle



database from which you capture data and (b) the users of the Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following Program: Oracle GoldenGate for Big Data, only the users of the source Oracle or non Oracle database(s) from which You capture data must be counted for the purpose of determining the number of licenses required. For multiple source databases, all users for all sources must be counted.

For the purposes of the following programs: Oracle GoldenGate for Mainframe and Oracle GoldenGate for Teradata Replication Services, only (a) the users of the database from which you capture data and (b) the users of the database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Non Oracle Database only (a) the users of the Non Oracle database from which you capture data and (b) the users of the Non Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Data Integrator Enterprise Edition and Data Integrator Enterprise Edition for Oracle Applications, only the users that are running or accessing the data transformation processes must be counted for determining the number of licenses required.

For the purposes of the following Programs: Oracle Mobile Suite Client Runtime and Application Development Framework Mobile, only the end users of each Application Developed must be counted for the purposes of determining the number of licenses required, regardless of the choice of the mobile application development tool or the framework used to build the Application Developed.

Network Device: is defined as the hardware and/or software whose primary purpose is to route and control communications between computers or computer networks. Examples of network devices include but are not limited to, routers, firewalls and network load balancers.

Non Employee User - External: is defined as an individual, who is not your employee, contractor or outsourcer, authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether or not the individual is actively using the programs at any given time.

Oracle Financing Contract: is a contract between you and Oracle (or one of Oracle's affiliates) that provides for payments over time of some or all of the sums due under your order.

1000 Orders: is defined as one thousand orders entered into the applicable Program during a 12



month period. You may not exceed the licensed number of orders during any 12 month period unless you acquire additional 1000 Orders licenses from Oracle.

Order Line: is defined as the total number of order entry line items processed by the program during a 12 month period. Multiple order entry line items may be entered as part of an individual customer order or quote and may also be automatically generated by the Oracle Configurator. You may not exceed the licensed number of Order Lines during any 12 month period unless you acquire additional Order Line licenses from Oracle.

1,000 Page Views: is defined as 1,000 Page Views per Month, where one Page View means one visit by a unique internet user to a particular page on a website.

Partner Organization: is defined as an external third party business entity that provides value-added services in developing, marketing and selling your products. Depending upon the type of industry, partner organizations play different roles and are recognized by different names such as reseller, distributor, agent, dealer or broker.

Person: is defined as your employee or contractor who is actively working on behalf of your organization or a former employee who has one or more benefit plans managed by the system or continues to be paid through the system.

For Project Resource Management, a person is defined as an individual who is scheduled on a project. The total number of licenses needed is to be based on the peak number of part-time and full-time people whose records are recorded in the system.

Physical Server: is defined as each physical server on which the programs are installed.

PIN Entry Device (PED): is defined as an electronic hardware device that is used in a debit, credit or smart card-based transaction to accept and encrypt the cardholder's personal identification number (PIN).

Ported Number: is defined as the telephone number that end users retain as they change from one service provider to another. This telephone number originally resides on a telephone switch and is moved into the responsibility of another telephone switch.

Processor: shall be defined as all processors where the Oracle programs are installed and/or running. Programs licensed on a processor basis may be accessed by your internal users (including agents and contractors) and by your third party users. The number of required licenses shall be determined by multiplying the total number of cores of the processor by a core processor licensing factor specified on the Oracle Processor Core Factor Table which can be accessed at <http://oracle.com/contracts>. All cores on all multicore chips for each licensed program are to be aggregated before multiplying by the appropriate core processor licensing factor and all fractions of a number are to be rounded up to the next whole number. When



licensing Oracle programs with Standard Edition 2, Standard Edition One or Standard Edition in the product name (with the exception of WebCenter Enterprise Capture Standard Edition, Java SE Support, Java SE Advanced, and Java SE Suite), a processor is counted equivalent to an occupied socket; however, in the case of multi-chip modules, each chip in the multi-chip module is counted as one occupied socket.

For example, a multicore chip based server with an Oracle Processor Core Factor of 0.25 installed and/or running the program (other than Standard Edition One programs or Standard Edition programs) on 6 cores would require 2 processor licenses (6 multiplied by a core processor licensing factor of .25 equals 1.50, which is then rounded up to the next whole number, which is 2). As another example, a multicore server for a hardware platform not specified in the Oracle Processor Core Factor Table installed and/or running the program on 10 cores would require 10 processor licenses (10 multiplied by a core processor licensing factor of 1.0 for 'All other multicore chips' equals 10).

For the purposes of the following program: Oracle Healthcare Data Repository, only the processors on which Internet Application Server Enterprise Edition and Healthcare Transaction Base programs are installed and/or running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: iSupport, iStore and Configurator, only the processors on which Internet Application Server (Standard Edition and/or Enterprise Edition) and the licensed program (e.g., iSupport, iStore and/or Configurator) are running must be counted for the purpose of determining the number of licenses required for the licensed program; under these licenses you may also install and/or run the licensed program on the processors where a licensed Oracle Database (Standard Edition and/or Enterprise Edition) is installed and/or running.

For the purposes of the following programs: Configuration Management Pack for Applications, System Monitoring Plug-in for Non-Oracle Databases, System Monitoring Plug-in for Non-Oracle Middleware, Management Pack for Non-Oracle Middleware and Management Pack for WebCenter Suite, only the processors on which the program that is being managed/monitored are running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following Programs: Data Masking and Subsetting Pack and Data Masking and Subsetting Pack for Non-Oracle Databases, only (a) the processors running the database servers where masked data or data subsets originate and (b) the processors running the database servers performing the masking or subsetting operations (via GUI or command line) must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Application Management Suite for Oracle E-Business Suite, Application Management Suite for PeopleSoft, Application Management Suite for Siebel, Application Management Suite for JD Edwards EnterpriseOne, Application



Management Pack for Utilities and Application Management Pack for Taxation and Policy Management, all processors on which the middleware and/or database software that support the respective managed application program are running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Application Replay Pack and Real User Experience Insight, all processors on which the middleware software that supports the respective managed application program are running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Informatica PowerCenter and PowerConnect Adapters, and Application Adapter for Warehouse Builder for PeopleSoft, Oracle E-Business Suite, Siebel, and SAP, only the processor(s) on which the target database is running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Data Integrator Enterprise Edition, Data Integrator Enterprise Edition for Oracle Applications, Data Integrator and Application Adapter for Data Integration, and Application Adapters for Data Integration, only the processor(s) where the data transformation processes are executed must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: In-Memory Database Cache, only the processors on which the Times Ten In-Memory Database component of the In-Memory Database Cache program is installed and/or running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate, only (a) the processors running the Oracle database from which you capture data and (b) the processors running the Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Oracle GoldenGate for Mainframe and Oracle GoldenGate for Teradata Replication Services, only (a) the processors running the database from which you capture data and (b) the processors running the database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Non Oracle Database, only (a) the processors running the non Oracle database from which you capture data and (b) the processors running the non Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.



For the purposes of the following program: Oracle GoldenGate Application Adapters and Oracle GoldenGate for Big Data, only the processors running the source Oracle or non Oracle database(s) from which you capture data must be counted for the purpose of determining the number of licenses required. For multiple source databases, all processors for all sources must be counted.

For the purposes of the following program: Audit Vault and Database Firewall, only the processors of the sources which are protected, monitored, or audited must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle ATG Web Commerce Search, only the processors on which queries are processed must be counted. You do not need to count processors on which the program is running for indexing content in configured content sources as long as the foregoing is the only use of the program on all the processors installed in a given server.

Project: is defined as a scheduled stage gate process plan in operation.

Property: is defined as a location with a single physical address.

For the purposes of the following Programs: Oracle Hospitality POS Gateway Provisioning Service for Merchant Link, Oracle Hospitality POS Gateway Change Service for Merchant Link, and Oracle Hospitality POS Annual Support Subscription for Merchant Link, each property management system, each restaurant, and each retail point of sale system must be counted as a separate Property.

500,000 Queries Per Day: is defined as five hundred thousand queries from midnight to the next midnight (e.g. a day) to the production MDEX engine, including but not limited to: text searches; changes to facet (refinement); page up/down through results (any text box query, change in facet selection, change in results viewed. Queries that can be reasonably shown to be generated via malicious intent, such as Denial of Service attacks, are not counted against the number of licensed queries. You may also use the programs for nonproduction uses, including but not limited to development, quality assurance, and performance testing.

\$M in Revenue: is defined as one million U.S. dollars in all income (interest income and non interest income) before adjustments for expenses and taxes generated by you during a fiscal year.

\$M Revenue Under Management: is defined as one million U.S. dollars in all income (interest income and non interest income) before adjustments for expenses and taxes generated by you during a fiscal year for the product lines for which the programs are used.

Record: The Customer Hub B2B is a bundle that includes two components, Siebel Universal Customer Master B2B and Oracle Customer Data Hub. For the purposes of the Customer Hub



B2B application, record is defined as the total number of unique customer database records stored in the Customer Hub B2B application (i.e., stored in a component of Customer Hub B2B). A customer database record is a unique business entity or company record, which is stored as an account for the Siebel Universal Customer Master B2B product or as an organization for the Oracle Customer Data Hub product.

The Customer Hub B2C is a bundle that includes two components, Siebel Universal Customer Master B2C and Oracle Customer Data Hub. For the purposes of the Customer Hub B2C application, record is defined as the total number of unique customer database records stored in the Customer Hub B2C application (i.e. stored in a component of Customer Hub B2C). A customer database record is a unique consumer (i.e., physical person) record, which is stored as a contact for the Siebel Universal Customer Master product or as a person for the Oracle Customer Data Hub product.

The Product Hub is a bundle that includes two components, Siebel Universal Product Master and Oracle Product Information Management Data Hub. For the purposes of the Product Hub application, record is defined as the total number of unique product database records stored in the Product Hub application (i.e., stored in a component of Product Hub). A product database record is a unique product component or SKU stored in the MTL_SYSTEM_ITEMS table with an active or inactive status and does not include any instance items (i.e. *-star items) or organization assignments of the same item.

For the purposes of the Case Hub program a record is defined as the total number of unique case database records stored in the Case Hub program. A case database record is a unique request or issue requiring investigation or service stored in S_CASE table with an active or inactive status.

For the purposes of the Site Hub program a record is defined as the total number of unique site database records stored in the RRS_SITES_B table of the Site Hub program. A site database record is a unique site (e.g. an asset, a building, part of a building (such as a store or a franchise within a store, an ATM, etc.)) stored in the Site Hub program.

For the programs listed above, please see the application licensing prerequisites as specified in the Applications Licensing Table which may be accessed at <http://oracle.com/contracts> for the grant and restrictions of the underlying Oracle technology.

For the purposes of the Hyperion Data Relationship Management program, a record is defined as the unique occurrence of any business object or master data construct that you choose to manage within the program. Records may describe any number of enterprise information assets, commonly referred to as base members, including but not limited to cost centers, ledger accounts, legal entities, organizations, products, vendors, assets, locations, regions or employees. Additionally, a record may also be a summary object, commonly referred to as a rollup member, that either summarizes base members or describes hierarchical information



associated with underlying base members.

Records represent unique occurrences and they do not include any duplicates or shared references that may be essential for master data management purposes.

For the purposes of the Supplier Lifecycle Management and Supplier Hub programs, a record is defined as a unique business entity or company record stored as Supplier in the AP_SUPPLIERS table of the Supplier Lifecycle Management and Supplier Hub programs.

For the purposes of the Life Sciences Customer Hub program, a record is defined as the number of unique customer database records stored in such program. A customer database record is a unique physician (i.e., physical person) record which is stored as a contact for the Oracle Life Sciences Customer Hub program.

1000 Records: is defined as 1000 cleansed records (i.e., rows) that are output from a production data flow of the Data Quality for Data Integrator Program.

Registered User: is defined as an individual authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether the individual is actively using the programs at any given time.

Registered Users shall be business partners and/or customers and shall not be your employees.

250,000 Requests Per Day: is defined as two hundred fifty thousand requests from midnight to the next midnight (e.g., a day) in the production systems. Requests that can be reasonably shown to be generated via malicious intent, such as Denial of Service attacks, are not counted against the number of licensed requests. You may also use the Program for non-production uses, including but not limited to development, quality assurance, and performance testing.

For the purposes of the following Program: ATG Web Commerce, requests for the full ATG pipeline at the ATG DynamoHandler in the Servlet Pipeline made by web browsers or via web service calls in the production systems, including, but not limited to: JSP page requests; Ajax requests; REST service requests; SOAP service requests; web service calls by native mobile applications, rich front end applications or other integrated external systems must be counted for the purpose of determining the number of licenses required.

For the purposes of the following Program: WebCenter Sites for Oracle ATG Web Commerce, requests to the production WebCenter Sites or production WebCenter Sites Satellite Server Programs for page or page fragments, JSP page requests, REST service requests, SOAP service requests or web service calls by browsers or external application must be counted for the purpose of determining the number of licenses required.

For the purposes of the following Program: Endeca Experience Manager, requests at the production Assembler and Presentation API, including but not limited to: any page request for



Experience Manager; any single submitted query for the Search Engine (text box queries, selection or changes in facet selection); page requests by an application (e.g. ATG Web Commerce); direct requests from web browsers; web service calls by native mobile applications, rich front end applications or other integrated external systems must be counted for the purpose of determining the number of licenses required.

Retail Register: is defined as any device designed to record any part of a sales transaction.

Retail Store: is defined as any location where two or more people are employed to generate revenue by selling goods and services to customers.

Retail Wireless Device: is defined as a detached device that accesses the Program. Examples of wireless devices include but are not limited to, scanners, RF devices, PDAs.

Revenue Center: is defined as a logical reporting as configured within a Location. For example, a restaurant that keeps its reports and configuration separate from its bar and its room service would require 3 Revenue Center licenses (one for the restaurant, one for the bar and one for room service).

RosettaNet Partner Interface Processes® (PIPs®): are defined as business processes between trading partners. Preconfigured system-to-system XML-based dialogs for the relevant E-Business Suite Application(s) are provided. Each preconfigured PIP includes a business document with the vocabulary and a business process with the choreography of the message dialog.

Rule Set: is defined as a data rules file containing content for a given country in order to perform data quality functions optimized for that country.

Server: is defined as the computer on which the programs are installed. A Server license allows you to use the licensed program on a single specified computer.

For the purposes of Acme Packet Programs, a Server in a virtual environment is defined as a virtual machine image. For the purposes of Tekelec Programs, a Server in a virtualized environment is not counted as a Server.

Service Order Line: is defined as the total number of service order entry line items processed by the program during a 12 month period. Multiple service order entry line items may be entered as part of an individual customer service order or quote. You may not exceed the licensed number of Service Order Lines during any 12 month period unless you acquire additional Service Order Line licenses from Oracle.

1,000 Sites: is defined as one thousand unique sites added to Multi-Site Quotes created during a 12 month period. Sites added to Multi-Site Quotes are listed as records in the Site



Characteristics View and the Billing Group View of a Multi-Site Quote. A Site record is uniquely defined by its Service Account and Service Point fields. A single Site (as defined by its Service Account and Service Point fields Site) that is added to multiple Multi-Site Quotes created during a 12-month period shall be only counted once.

Socket: is defined as a slot that houses a chip (or a multi-chip module) that contains a collection of one or more cores. Regardless of the number of cores, each chip (or multi-chip module) shall count as a single socket. All occupied sockets on which the program is installed and/or running must be licensed.

Oracle Solaris Premier Subscription for Non-Oracle Hardware per socket: is defined as the right to use the Oracle Solaris programs (as defined below) on hardware not manufactured by or for Sun/Oracle, and to receive Oracle Premier Support for Operating Systems services (limited to the Oracle Solaris programs), for the term specified in the ordering document. "Oracle Solaris programs" refers to the Oracle Solaris operating system and the separately licensed third party technology (as defined below). The Oracle Solaris programs may contain third party technology. Oracle may provide certain notices to you in program documentation, "readme" files or the installation details in connection with such third party technology. Third party technology will be licensed to you either under the terms of the agreement, or if specified in the program documentation, "readme" files, or the installation details, under separate license terms ("separate terms") and not under the terms of the agreement ("separately licensed third party technology"). Your rights to use such separately licensed third party technology under the separate terms are not restricted in any way by the agreement. The Oracle Solaris programs may include or be distributed with certain separately licensed components that are part of Java SE ("Java SE"). Java SE and all components associated with it are licensed to you under the terms of the Oracle Binary Code License Agreement for the Java SE Platform Products, and not under the agreement. A copy of the Oracle Binary Code License Agreement for the Java SE Platform Products can be found at www.oracle.com/contracts.

This subscription is available only for a server that is certified by Oracle and listed on the Hardware Compatibility List (HCL) at <http://www.sun.com/bigadmin/hcl>. You must obtain a subscription license for each socket in the server. The subscription term is effective upon the effective date of the subscription ordering document, unless otherwise stated in your ordering document. If your order was placed through the Oracle Store, then the effective date is the date your order was accepted by Oracle. Oracle Premier Support for Operating System services are provided under the applicable technical support policies in effect at the time the services are provided. At the end of the specified term, you may renew your subscription, if available, at the then current fees for this subscription.

If your order specifies "1 – 4 socket server" then you may only use the subscription on a server with not more than 4 sockets. If your order specifies "5+ socket server" then you may use the subscription for servers with any number of sockets.



Store: is defined as a physical store location which sells goods or services that utilize one Point-of-Sale (POS) system. If a physical store location has multiple POS systems, then each POS system must be counted as a Store.

Stream: is defined as a concurrent backup or restore job to a tape, disk or cloud target. For tape targets (which would be a physical tape drive (e.g., T10000D or LTO6) or a virtual tape drive), each configured tape drive within the Oracle Secure Backup domain must be counted for determining the number of licenses required. For disk targets, each concurrent job defined per Oracle Secure Backup disk pool must be counted for determining the number of licenses required. For Cloud based targets utilizing the Oracle Secure Backup Cloud Module, each parallel Recovery Manager (RMAN) channel must be counted for determining the number of licenses required.

Subscriber: is defined as (a) a working telephone number for all wireline devices; (b) a portable handset or paging device that has been activated by you for wireless communications and paging; (c) a residential drop or a nonresidential device serviced by a cable provider; or (d) a live connected utility meter. The total number of Subscribers is equal to the aggregate of all types of Subscribers. If your business is not defined in the primary definition of Subscriber above, Subscriber is defined as each U.S. \$1,000 increment of your gross annual revenue as reported to the SEC in your annual report or the equivalent accounting or reporting document.

Suite: is defined as all the functional software components described in the product documentation.

Sun Ray Device: is defined as the Sun Ray computer on which the Program is running.

System: is defined as a single configuration environment. Test, production, and development configurations are considered three separate systems that must each be licensed.

Tape Drive: is defined as mechanical devices used to sequentially write, read and restore data from magnetic tape media. Typically used, but not limited to, data protection and archival purposes, tape drives are deployed either as a standalone unit(s) or housed within a robotic tape library. Examples of tape drive include but are not limited to, Linear Tape Open (LTO), Digital Linear Tape (DLT), Advanced Intelligent Type (AIT), Quarter-Inch Cartridge (QIC), Digital Audio Tape (DAT), and 8mm Helical Scan. For cloud based backups, Oracle counts each parallel stream or Recovery Manager (RMAN) channel as equivalent to a tape drive.

Tape Library Slot: is defined as a physical slot location within a tape library where each slot accepts a single tape cartridge.

Technical Reference Manuals: Technical Reference Manuals ("TRMs") are Oracle's confidential information. You shall use the TRMs solely for your internal data processing operations for purposes of: (a) implementing applications programs, (b) interfacing other software and hardware systems to the applications programs and (c) building extensions to applications



programs. You shall not disclose, use or permit the disclosure or use by others of the TRMs for any other purpose. You shall not use the TRMs to create software that performs the same or similar functions as any of Oracle products. You agree: (a) to exercise either at least the same degree of care to safeguard the confidentiality of the TRMs as you exercise to safeguard the confidentiality of your own most important confidential information or a reasonable degree of care, whichever is greater; (b) to maintain agreements with your employees and agents that protect the confidentiality and proprietary rights of the confidential information of third parties such as Oracle and instruct your employees and agents of these requirements for the TRMs; (c) restrict disclosure of the TRMs to those of your employees and agents who have a "need to know" consistent with the purposes for which such TRMs were disclosed; (d) maintain the TRMs at all times on your premises; and (e) not to remove or destroy any proprietary or confidential legends or markings placed upon the TRMs. Oracle shall retain all title, copyright and other proprietary rights in the TRMs. TRMs are provided to you "as-is" without any warranty of any kind. Upon termination, you shall cease using, and shall return or destroy, all copies of the applicable TRMs.

Technical Support: For purposes of the ordering document, technical support consists of annual technical support services you may have ordered for the programs. If ordered, annual technical support (including first year and all subsequent years) is provided under Oracle's technical support policies in effect at the time the services are provided. The technical support policies, incorporated in this agreement, are subject to change at Oracle's discretion; however, Oracle policy changes will not result in a material reduction in the level of services provided for supported programs during the period for which fees for technical support have been paid. You should review the policies prior to entering into the ordering document for the applicable services. You may access the current version of the technical support policies at <http://oracle.com/contracts>.

Technical support is effective upon the effective date of the ordering document unless otherwise stated in your order. If your order was placed through the Oracle Store, the effective date is the date your order was accepted by Oracle.

Software Update License & Support (or any successor technical support offering to Software Update License & Support, "SULS") acquired with your order may be renewed annually and, if you renew SULS for the same number of licenses for the same programs, for the first and second renewal years the fee for SULS, will not increase by more than 4% over the prior year's fees. If your order is fulfilled by a member of Oracle's partner program, the fee for SULS for the first renewal year will be the price quoted to you by your partner; the fee for SULS for the second renewal year will not increase by more than 4% over the prior year's fees.

If you decide to purchase technical support for any license within a license set, you are required to purchase technical support at the same level for all licenses within that license set. You may desupport a subset of licenses in a license set only if you agree to terminate that subset of



licenses. The technical support fees for the remaining licenses will be priced in accordance with the technical support policies in effect at the time of termination. Oracle's license set definition is available in the current technical support policies. If you decide not to purchase technical support, you may not update any unsupported program licenses with new versions of the program

Telephone Number: is defined as each unique telephone number for which the billing information is managed or displayed using the program, regardless of the number of individual account holders associated with such telephone numbers.

Terabyte: is defined as a terabyte of computer storage space used by a storage filer equal to one trillion bytes.

\$B in Total Assets: is defined as one billion U.S. dollars of your latest published or internally available "Total Asset Value" as disclosed in your annual report and/or regulatory filings.

Trainee: is defined as an employee, contractor, student or other person who is being recorded by the program.

Transaction: is defined as each set of interactions that is initiated by an application user recorded by Oracle Enterprise Manager to capture availability and performance metrics used in calculating service levels. For example, the following set of interactions would represent one transaction: login, search customer, log out.

1K Transactions: is defined as one thousand unique transactions processed through the program during a 12 month period. You may not exceed the licensed number of transactions during a 12 month period unless you acquire additional transaction licenses from Oracle. For Oracle Contact Center Anywhere, a unique transaction is defined as one of the following: inbound phone call, outbound phone call (direct dialed, preview dialed, predictive dialed, web call back), workgroup fax, workgroup email/voice mail, and chat session (inbound sessions / web collaboration with agents). For JD Edwards World Purchase Card Management, a unique transaction is defined as a single charge processed by the program.

Transaction Services Client: is defined as a device that is used to receive data from an external source to record a sales transaction (e.g., a device in a coffee shop that is used by customers to enter their sandwich orders). If multiplexing hardware or software (e.g., a TP monitor or a web server product) is used, this number must be measured at the multiplexing front end.

For the purposes of the Oracle Hospitality Symphony Transaction Services Program, devices that are used to send property or revenue center configuration to an external source must be counted as Transaction Services Clients. For example, if a digital signage provider wants to display menu item information (e.g., price, name, etc.) on a menu board behind the counter and the menu board system requests that a device provides a list of the menu items and



prices that are available for purchase, then that device must be licensed as Transaction Services Client.

UPK Developer: is defined as an individual authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether the individual is actively using the programs at any given time. UPK Developers may create, modify, view and interact with simulations and documentation.

UPK Module: is defined as the functional software component described in the product documentation

Video Wrapper: is defined as a standardized container that acts as a file system for video assets installed per site. Examples of video wrapper formats include GXF, MXF, OP1A, AVI, Quicktime and LXF.

Wireless handset: is defined as a mobile communications device such as a mobile telephone, PDA, or paging device, that has as primary functions wireless voice communications and data services provided through a service provider.

Workstation: is defined as the client computer from which the programs are being accessed, regardless of where the program is installed.

Term Designation

If your program license does not specify a term, the program license is perpetual and shall continue unless terminated as otherwise provided in the agreement.

1, 2, 3, 4, 5 Year Terms: A program license specifying a 1, 2, 3, 4 or 5 Year Term shall commence on the effective date of the order and shall continue for the specified period. At the end of the specified period the program license shall terminate.

1 Year Subscription: A program license specifying a 1 Year Subscription shall commence on the effective date of the order and shall continue for a period of 1 year. At the end of the 1 year the program license shall terminate.

Licensing Rules for Oracle Technology Programs and Oracle Business Intelligence

Applications Failover: Subject to the conditions that follow below, your license for the programs listed on the US Oracle Technology Price List, which may be accessed at <http://www.oracle.com/corporate/pricing/pricelists.html>, includes the right to run the licensed program(s) on an unlicensed spare computer in a failover environment for up to a total of ten separate days in any given calendar year (for example, if a failover node is down for two hours on Tuesday and three hours on Friday, it counts as two days). **The above right only applies when a number of machines are arranged in a cluster and share one disk array. When the primary node fails, the failover node acts as the primary node. Once the primary node is repaired, you must switch back to the primary node.**



Once the failover period has exceeded ten days, the failover node must be licensed. In addition, only one failover node per clustered environment is at no charge for up to ten separate days even if multiple nodes are configured as failover. Downtime for maintenance purposes counts towards the ten separate days limitation. When licensing options on a failover environment, the options must match the number of licenses of the associated database. Additionally, when licensing by Named User Plus, the user minimums are waived on one failover node only. Any use beyond the right granted in this section must be licensed separately. In a failover environment, the same license metric must be used for the production and failover nodes when licensing a given clustered configuration.

Testing: For the purpose of testing physical copies of backups, your license for the Oracle Database (Enterprise Edition, Standard Edition or Standard Edition One) includes the right to run the database on an unlicensed computer for up to four times, not exceeding 2 days per testing, in any given calendar year. The aforementioned right does not cover any other data recovery method-such as remote mirroring- where the Oracle program binary files are copied or synchronized.

You are responsible for ensuring that the following restrictions are not violated:

- Oracle Database Standard Edition 2 may only be licensed on servers that have a maximum capacity of 2 sockets. When used with Oracle Real Application Clusters, Oracle Database Standard Edition 2 may only be licensed on a maximum of 2 one-socket servers. In addition, notwithstanding any provision in Your Oracle license agreement to the contrary, each Oracle Database Standard Edition 2 database may use a maximum of 16 CPU threads at any time. When used with Oracle Real Application Clusters, each Oracle Database Standard Edition 2 database may use a maximum of 8 CPU threads per instance at any time. If You purchase Named User Plus (NUP) licenses, You must maintain a minimum of 10 NUP per server
- Oracle Database Standard Edition can only be licensed on servers that have a maximum capacity of 4 sockets. Oracle Database Standard Edition, when used with Oracle Real Application Clusters, may only be licensed on a single cluster of servers supporting up to a maximum capacity of 4 sockets.
- Oracle Standard Edition One, Internet Application Server Standard Edition One and Portal Standard Edition One can only be licensed on servers that have a maximum capacity of 2 sockets.
- WebLogic Server Standard Edition does not include WebLogic Server Clustering.
- Business Intelligence Standard Edition One can only be licensed on servers that have the ability to run a maximum of 2 sockets. The data sources for BI Server and BI Publisher are limited to the included Oracle Standard Edition One, one other database, and any number of flat file sources such as CSV, and XLS. You may use Oracle Warehouse Builder Core ETL to pull data from any number of data sources but you must use only the included Oracle Standard Edition One as the target database.
- Informatica PowerCenter and PowerConnect Adapters may not be used on a standalone basis or as a standalone ETL tool. The Informatica PowerCenter and PowerConnect Adapters may be used with any data source provided the target(s) are: (i) the Oracle Business Intelligence



applications programs (excluding Hyperion Enterprise Performance Management Applications), (ii) the underlying platforms on which the Oracle Business Intelligence Suite Enterprise Edition Plus program, Oracle Business Intelligence Standard Edition One or associated components of those Business Intelligence applications programs run, or (iii) a staging database for any of the foregoing. Informatica PowerCenter and PowerConnect Adapters may also be used where the Oracle Business Intelligence applications programs (excluding Hyperion Enterprise Performance Management Applications) are the source and non-Oracle Business Intelligence application programs are the target, provided, that users do not use Informatica PowerCenter and PowerConnect Adapters to transform the data.

- With respect to the Java SE Advanced and Java SE Suite programs, you may not create, modify, or change the behavior of, or authorize your users to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax" "sun" or "oracle" or any variation of the aforementioned naming conventions. The installation and auto-update processes for these programs transmit a limited amount of data to Oracle (or its service provider) about those specific processes to help Oracle understand and optimize them. Oracle does not associate the data with personally identifiable information. You can find more information about the data Oracle collects at <http://oracle.com/contracts>.

Additional copyright notices and license terms applicable to portions of the programs are set forth at <http://oracle.com/contracts>.

- Programs that contain "for Oracle Applications" in the program name are limited use programs. These limited use programs may only be used with "eligible" Oracle application programs that contain the following prefixes in the program name: Oracle Fusion, Oracle Communications*, Oracle Documaker, Oracle Endeca*, Oracle Knowledge, Oracle Media, Oracle Retail*, Oracle Enterprise Taxation*, Oracle Tax, Oracle Utilities*, Oracle Financial Services*, Oracle FLEXCUBE, Oracle Reveleus, Oracle Mantas, Oracle Healthcare*, Oracle Health Sciences, Oracle Argus, Oracle Legal, Oracle Insurance and Oracle Primavera, Oracle Hospitality, Oracle XBRI, and Oracle Relate. For those prefixes designated above with a "*" not all programs with that prefix are eligible for use with the "for Oracle Applications" limited use programs. For a list of excluded programs please review the Applications Licensing Table, which may be accessed at <http://oracle.com/contracts>. Notwithstanding anything above, Oracle Business Intelligence Suite Enterprise Edition Plus for Oracle Applications may only be used with "eligible" Oracle application programs that contain "Oracle Fusion Human Capital Management" as a prefix in the program name provided that the Oracle Fusion Human Capital Management programs are the only programs configured to run against the database instance. Oracle Business Intelligence Foundation Suite for Oracle Applications may also be used with the Oracle Product Information Management Analytics, Fusion Edition, Oracle Customer Data Management Analytics, Fusion Edition and Oracle Product Lifecycle Analytics programs. Oracle Business Intelligence Foundation Suite for Oracle Applications may also be used with the following programs provided that the Oracle Fusion Applications are the only data source: Oracle Sales Analytics, Fusion Edition; Oracle Partner Analytics, Fusion Edition; Oracle Supply Chain and Order Management Analytics; Oracle Financial Analytics, Fusion Edition; Oracle Procurement and Spend Analytics, Fusion Edition; Oracle Human Resources Analytics, Fusion Edition; and Oracle Project Analytics. Any use of limited use programs containing "for Oracle Applications" by other



Oracle applications or third party applications is not permitted.

- Oracle BPEL Process Manager Option for Oracle Applications may be used only to enable business processes, workflow interactions and approvals within eligible Oracle Applications. Workflow interactions between eligible Oracle Applications and, other Oracle Applications or third party applications are allowed as long as they are enabled/initiated within the eligible Oracle Applications. Business Processes defined in BPEL are allowed as long as at least one of the services invoked from within the Business Process access an eligible Oracle Application either natively (via Web Services) or via an adapter.
- Oracle Business Intelligence Foundation for Oracle Applications may be used only to perform query, reporting and analysis against a transaction database, data warehouse or an Essbase OLAP cube if: (i) the transaction database is an eligible Oracle Applications transaction database itself or an extraction, in whole or in part, of an eligible Oracle Applications transaction database, without transformation (query, reporting and analysis against a transaction database that is not an eligible Oracle Applications transaction database requires a full use license of Oracle Business Intelligence Foundation Suite); or (ii) the data warehouse is a pre-packaged eligible Oracle Applications data warehouse, with any customizations necessary to reflect customizations made in the eligible Oracle Applications, and restricted only to the eligible Oracle Applications sources (query, reporting and analysis against extensions to the data warehouse drawn from source systems not supported by the pre-packaged data warehouses require a full use license of Oracle Business Intelligence Foundation Suite); or (iii) the dimensions of each Essbase OLAP Cube are sourced from eligible Oracle Applications.
- Oracle WebLogic Suite for Oracle Applications may be used only as an embedded runtime for eligible Oracle Applications or to deploy customizations to an eligible Oracle Application. The WebLogic global datasources or one of the WebLogic application datasources must be configured to access the schema of an eligible Oracle Application.
- Data Integrator Enterprise Edition for Oracle Applications may only be used with the Oracle supplied data integration jobs and customization of the supplied jobs is allowed. For the avoidance of doubt, examples of uses that are not permitted include, but are not limited to, the following: adding new jobs that support different applications, new schemas, or previously unsupported application modules.
- Oracle SOA Suite for Oracle Applications may be used only to enable integration, business processes, workflow interactions and approvals within eligible Oracle Applications. Workflow interactions between eligible Oracle Applications and other non-eligible Oracle Applications or third party applications are allowed as long as they are either initiated or terminated within eligible Oracle Applications. Usage of SOA composites (including but not limited to Rules, Mediator, XSLT transforms, BPEL processes, Spring components, Workflow services and OWSM security policies) is allowed as long as at least one of the services invoked from within each composite accesses an eligible Oracle Application either natively (via Web services) or via an adapter and the invocation is part of a flow that is either initiated or terminated within eligible Oracle Applications. Oracle Service Bus (OSB) usage is allowed as long as each service deployed accesses an eligible Oracle Application either natively (via Web services) or via an adapter.



- Oracle WebCenter Portal for Oracle Applications may be used only to surface eligible Oracle Application(s) and custom applications (collectively, “eligible applications”). Surfacing any third-party applications, including other applications from Oracle, requires a license for Oracle WebCenter Portal. Multiple eligible applications may be surfaced in a single portal instance provided that a WebCenter Portal for Oracle Applications license exists for each eligible application surfaced in the portal. WebCenter Portal for Oracle Applications may be used to integrate the various WebCenter services (e.g., wikis, blogs, and discussions) into an application context, as well as to build out custom workflows and notifications between the eligible application and WebCenter Portal components. The content management features of the Oracle WebCenter Portal for Oracle Applications program may be used to store and manage documents created outside of the eligible application provided that such documents are related to the eligible application or to the application context.
- Oracle WebCenter Imaging for Oracle Applications may be used to create and modify imaging searches, to modify pre-packaged imaging application document types, and to create and modify input mappings to imaging applications. Oracle WebCenter Imaging for Oracle Applications may also be used to invoke web service application programming interfaces (API’s) from Oracle Application workflows. A license for WebCenter Imaging for Oracle Applications is required to define new document types for the management of images unrelated to a pre-packaged Oracle Applications integration, to develop custom workflows, and to invoke APIs from custom workflows or custom application integrations.
- Oracle Identity and Access Management Suite Plus for Oracle Applications may be used only to perform associated actions for users of and within the eligible Oracle Applications. The programs may be used to do the following: (1) add, delete, modify, and manage user identities and roles in the eligible Oracle Applications; (2) provide web access management and single sign-on into eligible Oracle Applications; (3) provide data storage or virtualization to data storage of user identities and user identity related information or authentication and authorization policies for eligible Oracle Applications; (4) provide federated single sign-on to eligible Oracle Applications
- Oracle Coherence Enterprise Edition for Oracle Applications may only be used within the same Java Virtual Machine as the eligible Oracle Application components.
- Oracle GoldenGate for Oracle Applications may only be used with the Oracle supplied integration jobs. Customization of the Oracle supplied integration jobs is allowed if necessitated by (i) customizations of the source application or of the target application or (ii) for performance tuning of the GoldenGate configuration. Oracle GoldenGate for Oracle Applications may not be used (i) for data replication to non-Oracle databases or (ii) by other Oracle applications or (iii) by third party applications for any type of data integration or replication purposes. For the avoidance of doubt, examples of other uses that are not permitted include, but are not limited to, the following: replicating data to non-Oracle databases (including MySQL), adding new source or target schemas, adding unsupported application modules to source or target schemas, supporting other replication topologies (e.g., active-active or multi-master) or adding anything not supplied by Oracle.
- The number of Hyperion program option licenses must match the number of licenses of the associated Hyperion program.



The license for the Hyperion Planning Plus program includes a limited use license for the Oracle Essbase Plus, Hyperion Financial Reporting and Hyperion Web Analysis programs. Such limited use license means that the Oracle Essbase Plus, Hyperion Financial Reporting and Hyperion Web Analysis programs may only be used to access data from the Hyperion Planning Plus program. The Oracle Data Integrator for Oracle Business Intelligence Program may be used to load data from any data source provided that the target database is the Hyperion Planning Plus program. Specifically, the Hyperion Essbase Plus program cannot be used to create Essbase cubes that do not contain data used by the Hyperion Planning Plus program and the Aggregate Storage option component of the Oracle Essbase Plus program may not be used.

- The license for the Hyperion Profitability and Cost Management program includes a limited use license for the Oracle Essbase Plus, Hyperion Financial Reporting, Hyperion Web Analysis and Oracle Data Integrator - Target Database programs. Such limited use license means that the Oracle Essbase Plus, Hyperion Financial Reporting, Hyperion Web Analysis and The Oracle Data Integrator for Oracle Business Intelligence Program may only be used to access data from the Hyperion Profitability and Cost Management program. Specifically, the Oracle Essbase Plus program cannot be used to create Essbase cubes that do not contain data used by the Hyperion Profitability and Cost Management program and the Aggregate Storage option component of the Oracle Essbase Plus program may not be used.

If you purchase Named User Plus licenses for the programs listed below, you must maintain the following user minimums and user maximums:

Program	Named User Plus Minimum
Oracle Database Enterprise Edition	25 Named Users Plus per Processor
NoSQL Database Enterprise Edition	25 Named User Plus per Processor
Times Ten-In Memory Database	25 Named Users Plus per Processor
Rdb Enterprise Edition	25 Named Users Plus per Processor
CODASYL DBMS	25 Named Users Plus per Processor
Data Integrator Enterprise Edition	25 Named Users Plus per Processor
GoldenGate	25 Named Users Plus per Processor
GoldenGate for Non Oracle Database	25 Named Users Plus per Processor
GoldenGate for Mainframe	25 Named Users Plus per Processor
GoldenGate for Veridata	25 Named Users Plus per Processor
GoldenGate for Teradata Replication Services	25 Named Users Plus per Processor
Data Integrator Enterprise Edition for Oracle Applications	25 Named Users Plus per Processor
GoldenGate for Oracle Applications	25 Named Users Plus per Processor
Endeca Discovery Foundation for Oracle Applications	25 Named Users Plus per Processor
Java SE Advanced	10 Named Users Plus per Processor
Java SE Suite	10 Named Users Plus per Processor
WebLogic Server Standard Edition	10 Named Users Plus per Processor
WebLogic Server Enterprise Edition	10 Named Users Plus per Processor
WebLogic Suite	10 Named Users Plus per Processor
Web Tier	10 Named Users Plus per Processor
Coherence Standard Edition	10 Named Users Plus per Processor
Coherence Enterprise Edition	10 Named Users Plus per Processor
Coherence Grid Edition	10 Named Users Plus per Processor



TopLink and Application Development Framework	10 Named Users Plus per Processor
GlassFish Server	10 Named Users Plus per Processor
Internet Application Server Standard Edition	10 Named Users Plus per Processor*
Internet Application Server Enterprise Edition	10 Named Users Plus per Processor*
API Gateway	10 Named Users Plus per Processor
BPEL Process Manager	10 Named Users Plus per Processor
WebLogic Integration	10 Named Users Plus per Processor
Service Registry	10 Named Users Plus per Processor
Enterprise Repository	10 Named Users Plus per Processor
Forms and Reports	10 Named Users Plus per Processor
Managed File Transfer	10 Named Users Plus per Processor
Tuxedo	10 Named Users Plus per Processor
Event Processing	10 Named Users Plus per Processor
SOA Suite for Non Oracle Middleware	10 Named Users Plus per Processor
Unified Business Process Management Suite for Non Oracle Middleware	10 Named Users Plus per Processor
Business Process Management Standard Edition	10 Named Users Plus per Processor
Applications Adapters	10 Named Users Plus per Processor
Oracle E-Business Suite Adapter	10 Named Users Plus per Processor
Integration Adapter for SAP R/3	10 Named Users Plus per Processor
Integration Adapter for JD Edwards World	10 Named Users Plus per Processor
Cloud Adapters	10 Named Users Plus per Processor
B2B for RosettaNet	10 Named Users Plus per Processor
B2B for EDI	10 Named Users Plus per Processor
Healthcare Adapter	10 Named Users Plus per Processor
B2B for ebXML	10 Named Users Plus per Processor
WebCenter Suite Plus	10 Named Users Plus per Processor
WebCenter Portal	10 Named Users Plus per Processor
WebCenter Content	10 Named Users Plus per Processor
WebCenter Sites	10 Named Users Plus per Processor
WebCenter Sites Satellite Server	10 Named Users Plus per Processor
WebCenter Universal Content Management	10 Named Users Plus per Processor
WebCenter Imaging	10 Named Users Plus per Processor
WebCenter Forms Recognition	10 Named Users Plus per Processor
WebCenter Enterprise Capture	10 Named Users Plus per Processor
WebCenter Distributed Capture	10 Named Users Plus per Processor
WebCenter Real-Time Collaboration	10 Named Users Plus per Processor
WebCenter Sites Mobile Options	10 Named Users Plus per Processor
Enterprise Identity Services Suite	10 Named Users Plus per Processor
Identity Governance Suite	10 Named Users Plus per Processor
Access Management Suite Plus	10 Named Users Plus per Processor
Entitlements Server	10 Named Users Plus per Processor
Entitlements Server Security Model	10 Named Users Plus per Processor
Beehive Enterprise Collaboration Server	10 Named Users Plus per Processor

*The Named User Plus Minimum does not apply if the program is installed on a one-processor machine that allows for a maximum of one user per program.

Program	Named User Plus Maximum
Personal Edition	1 Named User Plus per database



Business Intelligence Standard Edition One	50 Named Users Plus
--	---------------------

If licensing by Named User Plus, the number of licenses for the programs listed below in column A must match the number of licenses of the associated program listed in column B. In the case where the minimum number of Named User Plus licenses are/were purchased, the number of licenses may not match due to variance in core factors between the time the respective programs were licensed. If licensing by Processor, the number of licenses for the programs listed below in column A must match the number of licenses of the associated program listed in column B. In the case where the programs are licensed at different times, the number of licenses may not match due to variance in core factors between the time the respective programs were licensed; in that case the number of cores used to determine the number of licensed processors for the programs listed below in column A must match the number of cores used to determine the number of licensed processors of the associated program listed in Column B. Associated programs are those programs being used in conjunction with the program in Column A.

Column A	Column B
Database Enterprise Edition Options* - Multitenant Real Application Clusters, Real Application Clusters One Node, Partitioning, OLAP, Spatial and Graph, Advanced Security, Label Security, Database Vault, Active Data Guard, Real Application Testing, Advanced Compression, Retail Data Model, Communications Data Model Airlines Data Model Utilities Data Model Database Enterprise Management* - Diagnostics Pack, Tuning Pack, Database Lifecycle Management Pack, Cloud Management Pack for Oracle Database.	Oracle Database Enterprise Edition
RDB Server Options* - TRACE	Rdb Enterprise Edition, CODASYL DBMS
WebLogic Suite Options** - BPEL Process Manager Option, Service Bus, SOA Suite for Oracle Middleware, Unified Business Process Management Suite Weblogic Coherence Grid Edition Option	WebLogic Suite
Application Server Enterprise Management** - WebLogic Server Management Pack Enterprise Edition, SOA Management Pack Enterprise Edition, Cloud Management Pack for Oracle Fusion Middleware Management Pack for Oracle Database Integrator	Associated application server program being managed by the program in Column A
Management Pack for Oracle Coherence**	Coherence Enterprise Edition, Coherence Grid Edition
Management Pack for Oracle GoldenGate*	GoldenGate, GoldenGate for Non Oracle Database, GoldenGate for Mainframe



Business Intelligence Server Enterprise Edition Options- Interactive Dashboard, Delivers, Answers, Office Plug-in and Reporting and Publishing	Business Intelligence Server Enterprise Edition
Business Intelligence Suite Enterprise Edition Plus Option- Business Intelligence Management Pack	Business Intelligence Suite Enterprise Edition Plus
Beehive Platform Options- Beehive Messaging, Beehive Team Collaboration, Beehive Synchronous Collaboration, Beehive Voicemail	Beehive Platform
Management Pack for Oracle Data Integrator	Data Integrator Enterprise Edition Data Integrator and Application Adapter for Data Integration or Oracle Data Integrator Enterprise Edition for Oracle Applications
Hyperion Financial Data Quality Management Options- Hyperion Financial Data Quality Management Adapter for Financial Management, Hyperion Financial Data Quality Management Adapter Suite, Hyperion Financial Data Quality Management Adapter for SAP	Hyperion Financial Data Quality Management
Hyperion Financial Data Quality Management for Hyperion Enterprise Option- Hyperion Financial Data Quality Management Adapter for Financial Management Hyperion Financial Data Quality Management—Enterprise Adapter Suite Hyperion Financial Data Quality Management—Enterprise Edition ERP Source Adapter for SAP	Hyperion Financial Data Quality Management for Hyperion Enterprise
Hyperion Data Integration Management Options- Hyperion Data Integration Management Source Adapter, Hyperion Data Integration Management Team Based Development	Hyperion Data Integration Management

*If licensing by Named User Plus you must maintain, at a minimum, 25 Named Users Plus per Processor per associated program.

** If licensing by Named User Plus you must maintain, at a minimum, 10 Named Users Plus per Processor per associated program.

Licensing Rules for Applications:

- You are responsible for ensuring compliance with the application licensing prerequisites as specified in the Applications Licensing Table, which may be accessed at <http://oracle.com/contracts>.

Licensing Rules for ATG Applications

- The Oracle ATG Web Commerce Business Intelligence program and the Oracle ATG Web Commerce Business Intelligence Administrator program may only be used in conjunction with either the Oracle ATG Web Commerce program and/or the Oracle ATG Web Knowledge Manager program. You may, however, expand your data model to include other information



provided the additional information supplements information is already included in the Oracle ATG Web Commerce program or in the Oracle ATG Knowledge Manager program.

- The Cognos BI Consumer Bundle is included in the Oracle ATG Web Commerce Business Intelligence program and is comprised of (a) one (1) reporting engine for anonymous viewers consisting of no more than two (2) processors and four (4) total cores, (b) unlimited anonymous report viewer seat licenses, (c) one (1) Named BI Web Administrator seat license and one (1) Named BI Professional Report Author seat license. Any additional seat licenses must be licensed separately by purchase of Oracle ATG Web Commerce BI Administrator seat licenses at an additional cost and are not included in any enterprise-wide or similar license.

Licensing Rules for JD Edwards Applications

- The programs also include GNU libgmp library; copyright 1991 Free Software Foundation, Inc. This library is free software that can be modified and redistributed under the terms of the GNU Library General Public License contained in the programs. The programs may also contain other third party products.

- Your license for the program(s) may include additional license rights. Please review the additional license rights listed on the PeopleSoft / JD Edwards program table located at <http://oracle.com/contracts> for additional information.

- The Foundation program contains the development foundation environment/toolkit. You understand and acknowledge that any software program developed with the functionality of the development foundation environment/toolkit is subject to the terms and conditions of this agreement. You will defend and indemnify Oracle against any claims by third parties for damages (including, without limitation, reasonable legal fees) arising out of any computer programs generated by you utilizing the development tools included in the programs. ORACLE DISCLAIMS ANY WARRANTY THAT THE DEVELOPMENT TOOLS INCLUDED IN THE PROGRAMS WILL GENERATE COMPUTER PROGRAMS WITH THE CHARACTERISTICS OR SPECIFICATIONS DESIRED BY YOU OR THAT SUCH GENERATED COMPUTER PROGRAMS WILL BE ERROR FREE

- The Oracle Technology Foundation for JD Edwards EnterpriseOne and the Oracle Technology Foundation for JD Edwards EnterpriseOne Upgrade programs each include a limited use license for Oracle Database Standard Edition. The database may be used solely in conjunction with any and all licensed JD Edwards EnterpriseOne programs, including third party programs licensed for use with JD Edwards EnterpriseOne programs. The database may be installed on an unlimited number of processors. If you require features and functions beyond those included with the Oracle Database Standard Edition, or if you require use of Oracle Database beyond your JD Edwards EnterpriseOne implementation, you may purchase a non-limited use license by contracting directly with Oracle or one of its authorized distributors.

The license for each of these programs also includes a limited use license for the following components of Oracle Fusion Middleware: Oracle Application Server Standard Edition or Oracle WebLogic Server Standard Edition (either of these products may be used, but both products cannot be used for the same function); Oracle JRockit JVM; Oracle Application Server Portal; Oracle WebCenter Services; Oracle BPEL Process Manager; Oracle Business Activity Monitoring; Oracle Application Server Single Sign-On; Oracle Access Manager Basic;



Oracle Application Server Web Cache; and Oracle Business Intelligence Publisher. These components may be used solely in conjunction with any and all licensed JD Edwards EnterpriseOne programs, including third party programs licensed for use with JD Edwards EnterpriseOne programs. These components may be installed on an unlimited number of processors. If you require use of these components beyond your JD Edwards EnterpriseOne implementation you may purchase a non-limited use license for any of the Oracle components by contracting directly with Oracle or one of its authorized distributors.

For the purpose of using Oracle Business Intelligence Publisher, Oracle will include a limited use license of Business Intelligence Publisher for use with JD Edwards EnterpriseOne programs. Any use of Business Intelligence Publisher outside of a JD Edwards EnterpriseOne program, such as with a your own "custom" applications as well as with other Oracle applications (including but not limited to Siebel Applications, PeopleSoft Applications, and/or Oracle Applications) will require a full use license of Business Intelligence Publisher. Business Intelligence Publisher may be installed on an unlimited number of processors.

The development tools included with these programs may be used solely with the licensed JD Edwards EnterpriseOne programs and may not be used to create new applications. You will defend and indemnify Oracle against any claims by third parties for damages (including, without limitation, reasonable legal fees) arising out of any computer programs generated by you utilizing the development tools included in the programs. ORACLE DISCLAIMS ANY WARRANTY THAT THE DEVELOPMENT TOOLS INCLUDED IN THE JD EDWARDS ENTERPRISE ONE PROGRAM WILL GENERATE COMPUTER PROGRAMS WITH THE CHARACTERISTICS OR SPECIFICATIONS DESIRED BY YOU OR THAT SUCH GENERATED COMPUTER PROGRAMS WILL BE ERROR FREE.

- The Technology Foundation and Technology Foundation Upgrade programs each include the following "IBM Components": IBM DB2 Universal Database, IBM WebSphere Application Server and IBM WebSphere Portal (as contained in Collaborative Portal). IBM Components may be used solely in conjunction with any and all licensed JD Edwards EnterpriseOne programs, including third party programs licensed for use with JD Edwards EnterpriseOne programs. You may obtain a general license for any of the IBM Components by contracting directly with IBM or one of its authorized distributors. The development tools included in this program may be used solely with the licensed JD Edwards EnterpriseOne programs and may not be used to create new applications. You will defend and indemnify Oracle against any claims by third parties for damages (including, without limitation, reasonable legal fees) arising out of any computer programs generated by you utilizing the development tools included in the programs. ORACLE DISCLAIMS ANY WARRANTY THAT THE DEVELOPMENT TOOLS INCLUDED IN THE PROGRAMS WILL GENERATE COMPUTER PROGRAMS WITH THE CHARACTERISTICS OR SPECIFICATIONS DESIRED BY YOU OR THAT SUCH GENERATED COMPUTER PROGRAMS WILL BE ERROR FREE.

Licensing Rules for Oracle E-Business Suite Applications

- The option Activity Hub B2B is only available with the Siebel Customer Universal



Master component of the Customer Hub B2B program.

- The option Field Service Hub B2B is only available with the Siebel Customer Universal Master component of the Customer Hub B2B program.

- The option Marketing Hub B2B is only available with the Siebel Customer Universal Master component of the Customer Hub B2B program.

- The option Sales Hub B2B is only available with the Siebel Customer Universal Master component of the Customer Hub B2B program.

- The option Service Hub B2B is only available with the Siebel Customer Universal Master component of the Customer Hub B2B program.

- The option Activity Hub B2C is only available with the Siebel Customer Universal Master component of the Customer Hub B2C program.

- The option Field Service Hub B2C is only available with the Siebel Customer Universal Master component of the Customer Hub B2C program.

- The option Marketing Hub B2C is only available with the Siebel Customer Universal Master component of the Customer Hub B2C program.

- The option Privacy Management Policy Hub B2C is only available with the Siebel Customer Universal Master component of the Customer Hub B2C program.

- The option Sales Hub B2C is only available with the Siebel Customer Universal Master component of the Customer Hub B2C program.

- The option Service Hub B2C is only available with the Siebel Customer Universal Master component of the Customer Hub B2C program.

Licensing Rules for Oracle Hospitality Cruise Applications

- The Oracle Hospitality Data Foundation for Cruise Program may only be used with Oracle Hospitality Cruise Programs. New reports or customizations of the included reports are allowed. Integration to third party systems is allowed via the Oracle Hospitality Cruise Interface Programs only. You may not add new schemas or unsupported applications.

Licensing Rules for Oracle Hospitality Food and Beverage Applications

- The Oracle Hospitality Technology Foundation for Food and Beverage Program may only be used with the Oracle Hospitality Symphony Point-of-Sale, Oracle Hospitality Symphony Transaction Services, Oracle Hospitality Symphony First Edition Point-of-Sale, Oracle Hospitality Symphony First Edition Transaction Services, Oracle Hospitality Reporting and Analytics, and Oracle Hospitality 9700 Foundation Programs. New reports or customizations of the included reports are allowed. Integration to third party systems is allowed via the Oracle Hospitality Interface Programs only. You may not add new schemas or unsupported applications.

- For the Oracle XBRI Loss Prevention for Food and Beverage Program, You acknowledge that there are MicroStrategy, Inc. products (the "MicroStrategy Products") included with that Program and the MicroStrategy Products are subject to the following terms and conditions.

All terms and conditions of the order under which You license the Oracle XBRI Loss Prevention



for Food and Beverage Program (the "Order") that are not expressly modified, supplemented, or deleted by these terms shall remain in force but these terms shall supersede any contradictory terms or conditions in the Order.

a. You acknowledge that the Oracle XBRI Loss Prevention for Food and Beverage Program contains copyrighted and proprietary products and materials of MicroStrategy, Inc., which are obtained under a license from MicroStrategy, Inc.

b. Your use of the MicroStrategy Products is restricted solely to use in combination with the Oracle XBRI Loss Prevention for Food and Beverage Program as included therein and limited to the number of named user licenses purchased on the Order.

c. You are prohibited from changing or expanding the data models and You are limited to accessing data only from the data models provided by Oracle.

d. You are expressly prohibited from reverse engineering, disassembling or decompiling the MicroStrategy Products.

e. You acknowledge that You are being granted a sublicense to the MicroStrategy Products only, and in no event shall any title or ownership to the MicroStrategy Products pass or transfer to You.

f. Oracle and MicroStrategy disclaim any warranty of any kind directly to You for the MicroStrategy Products, including a warranty of performance, merchantability, fitness for a particular purpose, title and non-infringement. ORACLE DOES NOT GUARANTEE THAT THE MICROSTRATEGY PRODUCTS WILL PERFORM ERROR-FREE OR UNINTERRUPTED, OR THAT ORACLE OR MICROSTRATEGY CAN OR WILL CORRECT ALL PROGRAM ERRORS. ORACLE DISCLAIMS, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ORACLE AND MICROSTRATEGY'S LIABILITY FOR ANY DAMAGES, WHETHER DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, AND ANY LOSS OF PROFITS, REVENUE, DATA, OR DATA USE, ARISING FROM THE USE OF THE MICROSTRATEGY PRODUCTS OR ARISING IN CONNECTION WITH THE ORDER.

g. You are expressly prohibited from written and oral disclosure to any third party of any result of any benchmark tests.

h. If You export the MicroStrategy Products, You are required to comply fully with all relevant export laws and regulations of the United States to ensure that neither the MicroStrategy Products nor any direct product thereof, are exported, directly or indirectly, in violation of United States law.

i. You are expressly prohibited from using the MicroStrategy Products in any manner that violates any individual's privacy right under the applicable law.

j. You acknowledge that Oracle shall have the right to provide to MicroStrategy any personal data provided by You in order for Oracle or MicroStrategy to fulfill its respective obligations hereunder, and that MicroStrategy has the right to export certain personal data outside the European Union to any country in the European Union and/or the United States; provided the processing and export of such personal data shall be carried out in compliance with the applicable law relating to data protection. You have the right to consult, amend, cancel or oppose processing and/or export of Your personal data.

Licensing Rules for Oracle Hospitality Hotels Applications



- The Oracle Hospitality OPERA 5 Property Standard Program is limited to 55 functions as defined in the Program Documentation.



- The Oracle Hospitality OPERA 5 Property Lite Program is limited to 30 functions as defined in the Program Documentation.
- The following Programs may only be used with the Oracle Hospitality OPERA Programs: Oracle Hospitality Technology Foundation for Hotel Property Systems – OPERA 5 Premium, Oracle Hospitality Technology Foundation for Hotel Property Systems – OPERA 5 Standard, Oracle Hospitality Technology Foundation for Hotel Property Systems – OPERA 5 Lite and Oracle Hospitality Technology Foundation for Hotel Central Office Systems. New reports or customizations of the included reports are allowed. Integration to third party systems is allowed via the Oracle Hospitality Interface Programs only. You may not add new schemas or unsupported applications.

The number of licenses for the Oracle Hospitality Hotels Programs listed below in column A must match the number of licenses of the associated Oracle Hospitality Hotels Program listed in column B.

Column A	Column B
<p>Oracle Hospitality OPERA Property Add-on Modules</p> <p>- Oracle Hospitality OPERA Mobile, Oracle Hospitality Multiproperty Cross Profiles and Configurations, Oracle Hospitality OPERA Multiproperty Cross Reservation, Oracle Hospitality OPERA Multiproperty Cross Postings, Oracle Hospitality OPERA Commission Handling, Oracle Hospitality OPERA Membership for Frequent Guest and Flyer, Oracle Hospitality OPERA Web Self Service, Oracle Hospitality OPERA Campaign Management</p>	<p>Oracle Hospitality OPERA Property Premium, Oracle Hospitality OPERA Property Standard, OR Oracle Hospitality OPERA Property Lite</p>
<p>Oracle Hospitality OPERA Sales and Catering Add- Ons for Hotels – Oracle Hospitality OPERA Sales and Catering for Hotels – Multi-Property Base, Oracle Hospitality OPERA Sales and Catering for Hotels – Multiproperty Group Room Control and Function Diary, Oracle Hospitality OPERA Sales and Catering Account Management</p>	<p>Oracle Hospitality OPERA Sales and Catering Premium OR Oracle Hospitality OPERA Sales and Catering Standard</p>
<p>Oracle Hospitality OPERA Sales and Catering for Conference Centers – Oracle Hospitality OPERA Sales and Catering for Conference Centers - Multiproperty Base, Oracle Hospitality OPERA Sales and Catering for Conference Centers - Multiproperty Group Room Control and Function Diary, Oracle Hospitality OPERA Sales and Catering Account Management for</p>	<p>Oracle Hospitality OPERA Sales and Catering Base for Conference Centers</p>

Licensing Rules for PeopleSoft Applications

- Your license for the program(s) may include additional license rights. Please review the additional license rights listed on the PeopleSoft/JD Edwards program table located at <http://oracle.com/contracts> for additional information.



- The programs listed below include a license to use Business Analysis Modeler – Restricted Development to develop interfaces and modifications, including creation of new application data tables, only to the PeopleSoft programs you have licensed. Oracle will deliver this program to you per the delivery terms in your order.
Integrated FieldService, Marketing, Mobile Sales, Online Marketing, Order Capture, Order Capture Self Service, Sales, Support for Customer Self Service
- Your use of the Campus Self Service program is subject to the additional terms and conditions set forth in the INAS Software Supplement located at <http://oracle.com/contracts>.
- PeopleTools - Enterprise Development shall be used solely to develop applications for your internal data processing operations. In no event shall you market or distribute such applications. Notwithstanding anything to the contrary, you shall not have the right to use the functionality currently referred to as Verity search engine provided as part of this program for the purpose of developing applications.
- Each PeopleTools - Enterprise Development Starter Kit program shall be used solely by 5 application users to develop applications containing no more than a total of 20 components (as defined in the program documentation) for your internal data processing operations. In no event shall you market or distribute such applications. Notwithstanding anything to the contrary, you shall not have the right to use the functionality currently referred to as Verity search engine provided as part of this program for the purpose of developing applications.
- You may use PeopleTools – Restricted Development to develop interfaces and modifications, including creation of new application data tables, only to the PeopleSoft Enterprise programs you have licensed. Oracle will deliver this program to you per the delivery terms in your order
- The Process Modeler Client program may only be used with PeopleSoft Enterprise or JD Edwards EnterpriseOne programs you have licensed from Oracle. You shall not use this program with any other software.
- The license for the Student Administration program includes a limited use license for the Human Resources, Benefits Administration and the Payroll for North America programs. Such limited use license means that the Human Resources, Benefits Administration and the Payroll for North America Software modules shall only be used in order to access the features and functions of the Student Administration program. Your use of the Student Administration program is subject to the additional terms and conditions set forth in the INAS Software Supplement located at <http://oracle.com/contracts>.

Licensing Rules for Primavera Applications

- You are responsible for ensuring compliance with the application licensing prerequisites as specified in the Applications Licensing Table, which may be accessed at <http://oracle.com/contracts>.
- For the purposes of the following Primavera programs: Earned Value Management, Evolve, SureTrak, Contractor and P3 Project Planner, you acknowledge that you have both read and understand the limited Software Update License & Support services that are available for these programs, as described in Oracle's Technical Support Policies.
- For the purposes of the Primavera SureTrak and Primavera P3 Project Planner programs, you



acknowledge that the agreement delivered to you with these programs, and not the end user license agreement contained in the product installation, governs the end user's use of these programs

- For the purposes of the Primavera Web Services program, developers and end users who are not already licensed for Primavera P6 Enterprise Project Portfolio Management and who need access to applications created using P6 Web Services and/or P6 Java APIs, must be licensed for the Primavera Web Services program.
- For the purposes of the following programs: Primavera P6 Enterprise Project Portfolio Management and Primavera P6 Enterprise Project Portfolio Management Web Services, developers and/or users (i) who are not already licensed for the Primavera P6 Enterprise Project Portfolio Management program and (ii) who access (including through Access Points) applications, must be licensed for the Primavera P6 Enterprise Project Portfolio Management Web Services program. "Access Points" includes, but is not limited to, third party, Oracle or custom versions of the following: interfaces, API's, web services and database links.
- For the purposes of the following programs: Primavera Contract Management Web Services and Primavera Contract Management, developers and/or users (i) who are not already licensed for the Primavera Contract Management program and (ii) who access (including through Access Points) applications, must be licensed for the Primavera Contract Management Web Services program. "Access Points" includes, but is not limited to, third party, Oracle or custom versions of the following: interfaces, API's, web services and database links.

Licensing Rules for Oracle Retail Programs

- The Oracle Retail Technology Foundation for Store Applications Program may only be used with the Oracle Retail Point of Service Program, the Oracle Retail Back Office Program, the Oracle Retail XStore Point of Service Program and the Oracle Retail XStore Office Program. Any use of the Oracle Retail Technology Foundation for Store Applications Program by other Oracle Programs or third party Programs is not permitted.

Licensing Rules for Siebel Applications

- You are responsible for ensuring compliance with the application licensing prerequisites as specified in the Applications Licensing Table, which may be accessed at <http://oracle.com/contracts>.
- For the Siebel Branch Teller Services program, Siebel Internet Banking Services program, Siebel Retail Finance Foundation Services program and the Siebel Financial Transactions Workbench program, you may use third party tools to (a) create materials or (b) modify the materials identified as Sample Screen Code and Process Templates in the program documentation, all in accordance with the program documentation, and provided that such materials or modified materials shall be used solely with your licensed use of such programs. You shall not limit in any way Oracle's right to develop, use, license, create derivative works of, or otherwise freely exploit the programs, ancillary programs, program documentation, or any other materials provided by Oracle, or to permit third parties to do so.
- The Siebel Details Program includes a license for 20 Concurrent Users that authorizes you to use the program on only one Computer for a maximum of 20 Concurrent Users at any given



time.

- The Siebel Marketing Server program is licensed on a Computer basis together with the number of unique Customer Records that you may access using the program.
- The Siebel Pharma Marketing Server is licensed on the basis of the number of unique Customer Records that you may access using the program together with the number of Brands that you may manage using the program.
- The Siebel Pricing Claims Server-Up to 20 Application Users is licensed on a Computer basis with a limitation on the number of Application Users.
- The users or processors of the Siebel Web Channel program may access a maximum of 15 Objects. An "Object" is defined as each data entity within the Business Object Layer of the programs that is defined in the Siebel Tools program.
- The Siebel Data Quality License may only be used with Oracle Master Data Management or Oracle CRM deployments.

Licensing Rules for Programs Licensed per UPK Module

- Oracle grants to you a non-exclusive, nontransferable license for your UPK Developer(s) to: (i) use those User Productivity Kit ("UPK") programs licensed as UPK modules (collectively referred to as "UPK content") only as necessary to create and provide training solely for Employee and/or Application Users to use the underlying programs for your benefit; (ii) make an unlimited number of copies of the UPK content only as necessary to create and provide training solely to Employees and/or Application Users to use the underlying programs for your benefit; and (iii) develop modifications and customizations to the UPK content, if applicable, all subject to the terms and conditions set forth in this agreement, provided all copyright notices are reproduced as provided on the original. You represent and warrant that you have a valid license for the underlying program(s). You are prohibited from reselling or distributing the UPK content to any other party or using the UPK content other than as explicitly permitted in this agreement. Oracle represents that the UPK content and any content created by you using the UPK content contains valuable proprietary information. Oracle retains title to all portions of the UPK content and any copies thereof. You shall use UPK content modifications created by you solely for your internal use in accordance with the terms of this agreement. You may provide access to and use of the UPK content only to those third parties that are licensed as Application Users and that: (a) provide services to you concerning your use of the UPK content; (b) have a need to use and access the UPK content; and (c) have agreed to substantially similar non-disclosure obligations imposed by you as those contained in this agreement. Application and Employee User(s) of UPK programs may view and interact with simulations and documentation but may not create or modify simulations or documentation.

Licensing Rules for MySQL Programs

The MySQL programs may contain third party technology. Oracle may provide certain notices to you in program documentation, "readme" files or the installation details in connection with such third party technology. Third party technology will be licensed to you either under the terms of the agreement, or if specified in the program documentation, "readme" files, or the installation details, under separate license terms ("separate terms") and not under the terms



of the agreement (“separately licensed third party technology”). Your rights to use such separately licensed third party technology under the separate terms are not restricted in any way by the agreement.

Acme Packet Metrics Definitions

100 Concurrent Calls: is defined as one hundred simultaneous active end to end calls that the operations monitor sees, no matter the number of underlying devices. For example, the same concurrent call may be monitored on two or more sessions, one on each side of a back to back user agent.

25 Concurrent Sessions is defined as a maximum of 25 established virtual connections between two endpoints (with or without media anchoring) represented by subscriber devices or network switching equipment and traversing the licensed software at any one time.

50 Concurrent Sessions: is defined as a maximum of 50 established virtual connections between two endpoints (with or without media anchoring) represented by subscriber devices or network switching equipment and traversing the licensed software at any one time. For the purposes of the following programs: Oracle Communications Session Border Controller - SRTP and Oracle Communications Unified Session Manager - SRTP, only concurrent sessions with media anchoring and negotiating Secure Real-Time Transport Protocol are counted. For the purposes of the following programs: Oracle Communications Session Border Controller - MSRP B2BUA and Oracle Communications Unified Session Manager - MSRP B2BUA, only concurrent sessions with media anchoring and negotiating Message Session Relay Protocol are counted.

500 Concurrent Sessions is defined as a maximum of 500 established virtual connections between two endpoints (with or without media anchoring) represented by subscriber devices or network switching equipment and traversing the licensed software at any one time. For the purposes of the following programs: Oracle Communications Session Border Controller - SRTP and Oracle Communications Unified Session Manager - SRTP, only concurrent sessions with media anchoring and negotiating Secure Real-Time Transport Protocol are counted. For the purposes of the following programs: Oracle Communications Session Border Controller - MSRP B2BUA and Oracle Communications Unified Session Manager - MSRP B2BUA, only concurrent sessions with media anchoring and negotiating Message Session Relay Protocol are counted.

5K Endpoints is defined as five thousand individual user devices identified by a unique internet protocol (IP) and port combination. If subscribers have multiple user devices, each unique user device must be counted.

20K Endpoints is defined as twenty thousand individual user devices identified by a unique internet protocol (IP) and port combination. If subscribers have multiple user devices, each unique user device must be counted.

1K Messages per Second is defined as one thousand messages that are each composed of an



envelope that contains information required to accomplish transmission, delivery, and contents to the recipient. You must count all messages whether received or sent over a fixed period of time during peak usage.

Server is defined as the computer on which the programs are installed. A Server license allows you to use the licensed program on a single specified computer. For the purposes of Acme Packet programs, a Server in a virtual environment is defined as a virtual machine image.

100 Transactions Per Second: is defined as one hundred transactions between client and server with explicit support of agents that contain a request message and a response message. The total number of new transactions for the entire system over a 30 second interval divided by 30 must be counted. For the purpose of the following program: Oracle Control Plane Monitor, Transaction Per Second is the total number of messages (requests/responses) from the source to destination regardless of how many devices and/or segments the messages traverse.

100 Trunks: is defined as one hundred session initiation protocol associations between servers or administrative domains that service multiple users and handle calls from multiple users.

100 Tunnels is defined as one hundred connections where one network protocol (the delivery protocol) encapsulates a different payload protocol. For the purpose of the following program: Oracle Communications Session Border Controller – TSC, only Tunneled Services Control Function (TSCF) tunnels must be counted.

1K Tunnels is defined as one thousand connections where one network protocol (the delivery protocol) encapsulates a different payload protocol.

Oracle Communications EAGLE

Card is defined as one EAGLE system card.

500K DB Entries is defined as five hundred thousand database entries in the international number portability database.

12M LNP Entries is defined as twelve million Local Number Portability database entries in the local number portability database.

Node is defined as a set of servers managed by one Operations, Alarms and Measurements (OAM) function.

250K Transactions per Second (TPS) is defined as two hundred and fifty thousand transactions between client and server with explicit support of agents that contain a request message and a response message. The total number of new transactions for the entire system over a five second interval during peak usage divided by five must be counted.



Oracle MaxRep Replication Engine

Terabyte is defined as a terabyte of computer storage space used by a storage filer equal to one trillion bytes. The number of terabyte licenses required is determined by the total capacity of all primary Filesystems or primary SAN LUNs being replicated.

SPARC SuperCluster

Management Controller is defined as the system component on which the data storage control policies are executed. For Sun ZFS Storage Appliances, the Management Controller is the processor node that consists of one server running the Sun ZFS storage software. These processor nodes can be implemented as a single instance for a non-high availability system or as an active/passive cluster, in which case one license is required. The processor nodes can also be implemented as an active/active cluster, in which case two licenses are required.

StorageTek Tape Libraries

Tape Library is defined as a mechanical device used to store and access magnetic tape media. Multiple Tape Libraries may be connected together via pass thru ports to form a Tape Library complex. Each Tape Library in a Tape Library complex must be licensed.

Sun ZFS Storage 7xxx Systems and ZFS Backup Appliance

Management Controller is defined as the system component on which the data storage control policies are executed. For Sun ZFS Storage Appliances, the Management Controller is the processor node that consists of one server running the Sun ZFS storage software. These processor nodes can be implemented as a single instance for a non-high availability system or as an active/passive cluster, in which case one license is required. The processor nodes can also be implemented as an active/active cluster, in which case two licenses are required.

Utilities License Rules and Definitions:

100 in Customer Count: One hundred in Customer Count. Customer Count is defined as the total number of Your and Your Affiliates individual customers. If You supply multiple utility services to one person or entity, that person or entity will count as a single customer. If a person or entity receives utility services at multiple locations (e.g., a chain store, an apartment building, or a municipality), each such location shall count as a single customer.

Loaded Device: is defined as a detached device that accesses the program. Examples of mobile devices include but are not limited to PDAs, scanners, RF devices.

Named Developer: is defined as an individual authorized by You to use the programs which are installed on a single server or multiple servers, regardless of whether the individual is actively using the programs at any given time. A Named Developer may create, modify, view and interact with the programs and documentation.

Market: is defined as one instance of a state, province or portion thereof that constitutes a discrete region regulated separately from other such regions for purposes of deregulated



electricity, gas or water sales.

100 Utilities Devices: is defined as one hundred hardware or firmware elements in the applicable utilities (e.g., gas, water or electric) network. Utilities devices include, but are not limited to, meters, grid devices, home area network devices, and demand response devices. Oracle programs may (a) communicate with Utilities Devices or enable communications with Utilities Devices and (b) process event and usage data from Utilities Devices. For the purposes of the Oracle Utilities Meter Data Management program and Oracle Utilities Load Profiling and Settlements, a Utilities Device is defined as a meter in which meter event and usage data is processed by such Oracle program.

100 Utilities Assets: is defined as one hundred records of Utilities Assets that are stored in the Oracle Utilities Asset Management Base program. Utilities Assets are devices tracked using the program, including, but not limited to, meters, communication devices, components, motors, pumps, pipes and vehicles.

Field Resource: is defined as dispatchers using the programs, as well as engineers, technicians, representatives or other persons scheduled by the programs.

100 Pooled Utilities Devices: is defined as one hundred hardware or firmware elements in the applicable utilities (e.g., gas, water or electric) network per month. For the purposes of this definition, a utilities device from which data is collected and/or processed on one or more occasions during a month will be considered as a single pooled utilities device. Pooled utilities devices include, but are not limited to, meters, grid devices, home area network devices, and demand response devices. Oracle programs may (a) communicate with Utilities Devices or enable communications with Utilities Devices and (b) process event and usage data from Utilities Devices.