



# Mid-Region Council of Governments

## MEMORANDUM

TO: Larry Horan, General Council  
FROM: Kim Monjaras, Procurement Officer  
DATE: September 28, 2018  
SUBJECT: UrbanSim Sole Source Justification

The Mid-Region Metropolitan Planning Organization (MRMPO) currently utilizes UrbanSim's land use model. In January 2017, UrbanSim, was approved as a Sole Source providing these services. MRMPO wishes to continue with these services, as a Sole Source, to keep conformity with their current model, including their technical support and interaction with other peer institutions. This will be a cost savings, to not change vendors to begin this project and change all current processes and data to a different model.

Pursuant to the State Procurement Code 13-1-126, a contract may be awarded without competitive sealed bids or competitive sealed proposals regardless of the estimated cost when the state purchasing agent or a central purchasing office makes a determination, after conducting a good-faith review of available sources and consulting the using agency, that there is only one source for the required service, construction or item of tangible personal property. The state purchasing agent or a central purchasing office shall conduct negotiations, as appropriate, as to price, delivery and quantity in order to obtain the price most advantageous to the state agency or a local public body. A contract for the purchase of research consultant services by institutions of higher learning constitutes a sole source procurement.

The Mid-Region Council of Governments (MRCOG) Procurement Policy Section 17 reiterates the State Procurement Code and requires that this written determination be retained for three (3) years and be made available as a part of the public record.

For these reasons, I certify that the appropriate steps have been taken in order to pursue a sole source procurement for the purpose of continuing this land use model by the MRMPO staff.

Approved:

  
\_\_\_\_\_  
Larry Horan, Legal Council



# Mid-Region Council of Governments

## INTEROFFICE MEMORANDUM

To: Dave Pennella, MPO Administrator

From: Kendra Montanari, Socioeconomic Program Manager

Date: September 24, 2018

Re: UrbanSim Inc. Sole Source Justification

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Following a comprehensive research and evaluation process of land use model applications in 2012, MRMPO concluded that the UrbanSim land use model was best suited to fulfill its need to produce regional population and employment forecasts. Following that evaluation, MRMPO initiated a sole source agreement with its developer, UrbanSim Inc., and has been operating the UrbanSim land use model and the UrbanCanvas development projects editor.

While UrbanSim model operation is performed in-house, MRMPO requires periodic assistance with troubleshooting modeling issues, programming model enhancements, and other guidance in the more technical aspects of the modeling environment. MRMPO also operates UrbanCanvas in order to maintain a development projects database that operates seamlessly with the UrbanSim model.

MRMPO would like to renew their sole source contract with UrbanSim Inc. for the following reasons:

- UrbanSim Inc. is the developer of the UrbanSim land use model and assisted with the implementation of MRMPO's UrbanSim model. As such, UrbanSim Inc. is the only firm qualified to perform troubleshooting and technical assistance to MRMPO.
- UrbanSim Inc. is the sole entity offering the UrbanCanvas development project editor, which ties directly into the UrbanSim land use model, therefore making them the only firm who offers this service to MRMPO.

For the purposes of 1) maintaining consistency with forecast methods, and 2) continuing to move forward with our existing modeling framework, MRMPO would like to continue working with UrbanSim Inc. under a sole source agreement.

Recommended by:

Sept. 23, 2018  
Date

Approved by:

Sept. 24, 2018  
Date



## UrbanSim, Inc. Master Subscription Agreement

This MASTER SUBSCRIPTION AGREEMENT (this "**Agreement**") is entered into as of the date of last signature below ("**Effective Date**") by and between URBANSIM, INC., a Delaware corporation ("**UrbanSim**") and Mid-Region Council of Governments ("**Company**").

1. **DEFINITIONS.** The following terms will have the following meanings: "**Affiliate**" means any entity that directly or indirectly owns or controls, is owned or controlled by, or is under the common ownership or control with a party, where ownership or control is denoted by having more than fifty percent (50%) of the voting power (or equivalent ownership interest) of the applicable entity. "**Purchase Order**" means the Purchase Order mutually agreed upon by the parties and attached to this Agreement as Exhibit A that, when signed by both UrbanSim and Company, is automatically incorporated into this Agreement by reference and creates a binding contract between the parties. "**User**" means an individual who is authorized by Company to use the Services, for whom Company has ordered the Services, as specified in the Purchase Order, and who signs up for the Services and creates a User account using a Company email address. "**Seats**" means the number of User accounts that Company is authorized to create and for whom the Company has ordered the Services, as specified in the Purchase Order. Only one User can use one Seat at a time; multiple Users are not allowed to use the same Seat. "**Services**" means the services ordered by Company by executing an Purchase Order and made available online by UrbanSim, including any underlying Software (defined below) and any related documentation made available online to Company by UrbanSim ("**Documentation**"). "**Software**" means the object-code version of UrbanSim's proprietary enterprise software application. "**Company Data**" means all data or information submitted by Company reasonably required for the provision on the Services.

### 2. SOFTWARE.

2.1 **LICENSE GRANT.** Subject to the terms of this Agreement and Company's payment of all applicable Subscription Fees and any Additional Fees, UrbanSim hereby grants to Company a non-exclusive, non-transferable, worldwide, royalty-free, limited-term license to install, execute, access, and/or use the Software for Company's internal business purposes during the applicable Subscription Term, in accordance with the Documentation, and only for the number of Seats paid for and authorized to use the Services.

2.2 **RESTRICTIONS.** Except with respect to the open source components described herein, UrbanSim owns all right, title and interest in and to the Software, and any intellectual property rights associated with it. UrbanSim reserves all rights in and to the Software that UrbanSim does not expressly grant to Company in this Agreement. Company agrees not to, nor permit nor authorize any third party to: (i) sublicense, sell, rent, lease, transfer, assign, or distribute the Software to third parties; (ii) host the Software for the benefit of third parties; (iii) disclose or permit any third party to use the Software; (iv) try to avoid or change any license registration process UrbanSim may implement; (v) modify or create derivative works of the Software, or merge the Software with other software; (vi) disassemble, decompile, or otherwise reverse engineer the Software or attempt to derive any of its source code, in whole or in part, except to the extent such activities are expressly permitted by law or applicable license notwithstanding this prohibition; (vii) modify, obscure, or delete any proprietary rights notices included in or on the Software or Documentation; (viii) otherwise use or copy the Software in a manner not expressly permitted by this Agreement; or (ix) use the Software beyond the applicable Subscription Term. Company agrees that the Software may transmit usage data to UrbanSim, and Company agrees to give UrbanSim permission to use that data both for UrbanSim's internal analytics purposes and to monitor the ways Company is using the Software.

**2.3 OPEN SOURCE.** The Software contains open source components. As a result, in addition to the proprietary code that UrbanSim is licensing to Company under this Agreement, Company's use of the Software may be subject to certain open source licenses. UrbanSim will provide Company with copies of those licenses upon Company's request. Company agrees that Company is responsible for complying with the terms of all applicable open source licenses in Company's use of the Software.

### **3. SERVICE.**

**3.1 SERVICES.** Subject to the terms of this Agreement and Company's payment of all applicable Subscription Fees (defined below), during the Subscription Term (defined below), UrbanSim will make the Services available to Company for the number of Seats specified in an Purchase Order solely for Company's internal operation and use and pursuant to UrbanSim's Privacy Policy available at [www.urbansim.com/privacy](http://www.urbansim.com/privacy). Company will have sole and exclusive ownership of and access to all content and information posted or shared by its Users using the Services ("**User Data**"). UrbanSim will not read, access, or tamper in any way with the User Data without Company's prior written consent. UrbanSim shall implement and maintain appropriate measures in accordance with generally accepted industry standards to (i) protect against any anticipated threats or hazards to the security or integrity of Company Data and User Data; and (ii) protect against unauthorized access to Company Data and User Data.

**3.2 ADDITIONAL SERVICES.** Subject to the terms of this Agreement and the applicable Purchase Order, and subject to Company's payment of all applicable fees ("**Additional Fees**"), UrbanSim may make support services ("**Support Services**") or other additional services (collectively, with Support Services, the "**Additional Services**") available to Company. Additional Fees and Additional Services will be mutually agreed upon by the parties and further described in the applicable Purchase Order. To the extent that Company purchases any Support Services, UrbanSim will not be responsible for supporting Company in cases where: (i) someone other than UrbanSim has modified the Software or Services; (ii) Company is not using all of the open course components included with the Software and underlying the Services; or (iii) Company is using the Software or Services negligently, in a manner for which they were not designed, or other than as authorized under this Agreement, the applicable Purchase Order, or the Documentation.

**3.3 CONFIGURATION SERVICES.** To the extent that any Additional Services include configuration-related services ("**Configuration Services**"), any configurations, modifications, or changes (collectively, "**Configurations**"), to the Software or Services resulting from or connected to the provision of such Configuration Services are included in the definition of "Software" hereunder.

(A) **LICENSE TO COMPANY DATA.** To the extent that (i) any Company Data is embodied in or incorporated into the Configurations, Services (including Additional Services and Configuration Services), or Software, or (ii) any of UrbanSim's rights or obligations hereunder, with respect to the Configurations, Services (including Additional Services and Configuration Services), or Software, are in any way limited or restricted by any Company Data, then Company hereby grants to UrbanSim: (a) a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, sublicense, and distribute such Company Data; and (b) a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Company Data.

(B) **THIRD PARTY CONSENT.** To the extent that any Company Data may not be licensed in the manner provided in Section 3.3(A) above without the consent of a third party, Company and UrbanSim agree to cooperate to obtain any such required consents. Each party shall bear its own expenses in connection with obtaining such consent.

### **4. COMPANY'S USE OF THE SERVICES.**

**4.1 SEATS AND USERS.** Unless otherwise provided in the applicable Purchase Order, (a) Services are purchased as subscriptions, (b) Seats may be added during a Subscription Term at the

same pricing as the underlying Seat subscription pricing, prorated for the portion of that Subscription Term remaining at the time the Seats are added by executing an Purchase Order, and (c) any added Seats will renew or terminate on the same date as the underlying Seat subscriptions.

**4.2 COMPANY'S RESPONSIBILITIES.** Company will (a) be responsible for Users' compliance with this Agreement and UrbanSim's online Term of Service available at [www.urbansim.com/terms-of-service](http://www.urbansim.com/terms-of-service), (b) use commercially reasonable efforts to prevent unauthorized access to or use of the Services and notify UrbanSim promptly of any such unauthorized access or use, and (c) use the Services only in accordance with the Documentation and all applicable laws and regulations, including, without limitation, applicable export control laws and regulations of the United States and other jurisdictions.

**4.3 RESTRICTIONS.** Company will not (a) make the Services available to, or use the Services for the benefit of, anyone other than Company or Users, (b) sell, resell, license, sublicense, distribute, rent or lease the Services, or include the Services in a service bureau or outsourcing offering, (c) use the Services to store or transmit infringing, libelous, or otherwise unlawful or tortious material, or to store or transmit material in violation of third-party privacy rights, (d) use the Services to store or transmit malicious code, (e) interfere with or disrupt the integrity or performance of the Services or any third-party data contained therein, (f) attempt to gain unauthorized access to the Services or any related systems or networks, (g) permit direct or indirect access to or use of the Services in a way that circumvents a contractual usage limit, (h) copy the Services or any part, feature, function or user interface thereof, (i) frame or mirror any part of the Services, other than framing on Company's own intranets or otherwise for Company's own internal business purposes or as permitted in the Documentation, (j) access the Services in order to build a competitive product or service, or (k) reverse engineer, disassemble, or decompile the Services.

**5. TITLE.** UrbanSim and its licensors own all rights, title, and interest in and to the Services. Company's rights to the Services are limited to the rights expressly granted to Company in this Agreement. UrbanSim reserves all rights not expressly granted in this Agreement.

## **6. TERM AND TERMINATION.**

**6.1 TERM.** This Agreement is effective as of the Effective Date and will continue in force for a period of one year from the date of activation of all User accounts ("**Activation Date**") or until terminated as provided herein ("**Subscription Term**"). Upon expiration of the then-current Subscription Term, UrbanSim will deliver to Company an invoice for Subscription Fees for an additional one year renewal Subscription Term, renewal subject to written notification by service provider agreement required prior to automatic renewal or payment. Company may cancel its subscription by either providing written notice of non-renewal to UrbanSim at any time during the Subscription Term or within 30 days after the invoice date, and this Agreement will automatically terminate at the end of the then-current Subscription Term. **IF COMPANY DOES NOT DELIVER SUCH NON-RENEWAL NOTICE TO URBANSIM, THEN THE SUBSCRIPTION TERM WILL AUTOMATICALLY RENEW FOR AN ADDITIONAL ONE YEAR RENEWAL SUBSCRIPTION TERM.** UrbanSim reserves the right to change its prices, to be effective for each renewal Subscription Term, by giving Company written notice of such change in the invoice for the renewal Subscription Term and Company will have 30 days to cancel its subscription before such change becomes effective for the renewal Subscription Term.

**6.2 TERMINATION.** Either party may immediately terminate this Agreement if the other party breaches any material term of this Agreement and, if such breach is capable of cure, the breaching party fails to cure such breach within 20 days of written notice thereof.

**6.3 EFFECT OF TERMINATION.** Upon termination or expiration of this Agreement (a) the Subscription Term shall end; (b) all rights to use the Services granted to Company hereunder shall immediately terminate; and (c) UrbanSim may disable all Seats, and all Company and User access to the Services. Those provisions of this Agreement that by their terms or sense are intended to survive

termination or expiration of this Agreement will survive and remain in full force and effect, including, without limitation, Sections 5, 6.3, 7, 8, 9, 10, 11, 13 and 14.

**7. PAYMENT.** Company agrees to pay to UrbanSim the subscription fees set forth in the Purchase Order ("**Subscription Fees**"). Company will pay all amounts due to UrbanSim in full, by or on the Activation Date of the initial Subscription Term, within 30 days from the date of each invoice for any renewal Subscription Terms, or such other time (if any) stated in the Purchase Order. Unless otherwise agreed to between the parties in the Purchase Order, all amounts payable under this Agreement are denominated in and shall be payable in United States Dollars. Any undisputed amounts remaining unpaid following the payment due date, and all disputed payments that are paid following the resolution of such dispute, will bear interest accruing from the original payment due date through the date that such amounts are paid at the lower interest rate of (a) 1.0% per month and (b) the highest interest rate allowed by law. Company is solely responsible for all taxes, fees, duties and governmental assessments (except for taxes based on UrbanSim's net income) that are imposed or become due in connection with the subject matter of this Agreement. Subscription Fees are non-refundable except as expressly provided in this Agreement or as otherwise agreed to in writing by UrbanSim in its sole discretion.

**8. DISCLAIMER.** THE SERVICES ARE PROVIDED ON AN "AS IS" AND "AS AVAILABLE" BASIS. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, URBANSIM AND ITS AFFILIATES DISCLAIM ALL WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE SERVICES (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR USE OR PURPOSE, AND NON-INFRINGEMENT).

**9. LIMITATION OF LIABILITY.**

**9.1 NO CONSEQUENTIAL OR RELATED DAMAGES.** TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL URBANSIM BE LIABLE TO COMPANY FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (INCLUDING FOR LOSS OF PROFIT, REVENUE, OR DATA) ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT, HOWEVER CAUSED, AND UNDER WHATEVER CAUSE OF ACTION OR THEORY OF LIABILITY BROUGHT (INCLUDING UNDER ANY CONTRACT, NEGLIGENCE, OR OTHER TORT THEORY OF LIABILITY) EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

**9.2 LIMITATION OF DAMAGES.** TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, URBANSIM'S TOTAL CUMULATIVE LIABILITY TO COMPANY UNDER THIS AGREEMENT WILL NOT EXCEED THE SUBSCRIPTION FEES PAID AND PAYABLE BY COMPANY TO URBANSIM DURING THE TWELVE (12) MONTHS PRECEDING THE CLAIM GIVING RISE TO SUCH LIABILITY.

**10. CONFIDENTIALITY.** Each party (a "**Receiving Party**") understands that the other party (the "**Disclosing Party**") may share certain information of a confidential nature during the Subscription Term. "**Confidential Information**" means any information disclosed by the Disclosing Party to the Receiving Party, either directly or indirectly, in writing, orally or by inspection of tangible objects, that should reasonably have been understood by the Receiving Party due to legends or other markings, the circumstances of disclosure, or the nature of the information itself, to be proprietary and confidential to the Disclosing Party, including, without limitation, source code for the Services; any other non-public source code of either party; and any non-public product, service, technical, marketing, business, financial, or other information. The Receiving Party agrees, for itself and any Affiliate, agents, and employees, that it will not publish, disclose, or otherwise divulge or use (other than as expressly permitted under this Agreement) any Confidential Information of the Disclosing Party without the prior written consent of the Disclosing Party in each instance. Each party will use at least the same level of care to maintain the confidentiality of the other party's Confidential Information as it uses to maintain the confidentiality of its own non-public information, and in no event less than a reasonable degree of care. Without granting any right or license, the Disclosing Party agrees that the foregoing will not apply with respect to information that the Receiving Party can document (a) is in the public domain and is available at the time of

disclosure or which thereafter enters the public domain and is available, through no improper action or inaction by the Receiving Party or any Affiliate, agent, or employee (provided, however, that an item of Confidential Information shall not be considered in the public domain due to the fact that the individual elements that comprise that item can be found in the public domain); (b) was in its possession or known by it prior to receipt from the Disclosing Party; (c) was rightfully disclosed to it by a third party without violating any obligations to the Disclosing Party; (d) is independently developed by the Receiving Party without reference to such Confidential Information; or (e) is compelled to be disclosed pursuant to any statutory or regulatory authority, court order, or legal process, provided the Disclosing Party is given prompt notice of such requirement and the scope of such disclosure is limited to the extent possible.

**11. MARKETING.** UrbanSim may reproduce and use Company's name and/or logo for the sole purpose of indicating the existence of a customer relationship between Company and UrbanSim. Any other use of Company's name or logo will require Company's prior written consent. Company may not reproduce or use UrbanSim's name and/or logo for any purpose whatsoever without first obtaining UrbanSim's prior written consent.

**12. GOVERNING LAW AND JURISDICTION.** This Agreement will be governed by and interpreted in accordance with the laws of the State of California, without giving effect to any principles of conflict of laws. The parties expressly agree that the United Nations Convention on Contracts for the International Sale of Goods and the Uniform Computer Information Transactions Act will not apply to this Agreement. Any legal action or proceeding arising under this Agreement will be brought exclusively in the federal or state courts located in the San Francisco County, California and the parties irrevocably consent to personal jurisdiction and venue therein.

**13. MISCELLANEOUS.**

**13.1 ASSIGNMENT.** Neither party may assign any of its rights or obligations hereunder, whether by operation of law or otherwise, without the prior written consent of the other party (not to be unreasonably withheld). Notwithstanding the foregoing, either party may assign this Agreement in its entirety, without consent of the other party, in connection with a merger, acquisition, corporate reorganization, or sale of all or substantially all of its assets or equity. Subject to the foregoing, this Agreement shall bind and inure to the benefit of the parties, their respective successors and permitted assigns.

**13.2 SEVERABILITY.** In the event that any provision of this Agreement is deemed by a court of competent jurisdiction to be illegal, invalid, or unenforceable, the court will modify or reform this Agreement to give as much effect as possible to such provision. Any provision which cannot be so modified or reformed will be deleted and the remaining provisions of this Agreement will continue in full force and effect.

**13.3 NOTICES.** All notices provided hereunder will be in writing, delivered personally, by e-mail or sent by overnight courier, registered or certified mail to the addresses specified in the Purchase Order or such other address as may be specified in writing by notice given in accordance with this Section 13.3. All such notices will be deemed to have been given: (a) upon receipt when delivered personally; (b) upon receipt when delivered by e-mail; or (c) in the case of overnight courier, one weekday after delivery to the overnight courier.

**13.4 WAIVER.** Performance of any obligations required by a party hereunder may be waived only by a written waiver signed by an authorized representative of the other party, which waiver will be effective only with respect to the specific obligation described therein. Any waiver or failure to enforce any provision of this Agreement on one occasion will not be deemed a waiver of any other provision or of such provision on any other occasion.

**13.5 FORCE MAJEURE.** Neither party will be responsible for any failure or delay in its performance under this Agreement (except for any payment obligations) due to causes beyond its

reasonable control, including, without limitation, acts of God, strikes, lockouts, riots, acts of war, epidemics, communication line failure, and power failures.

**13.6 INDEPENDENT CONTRACTORS.** UrbanSim and Company are, and will be deemed to be, independent contractors with respect to the subject matter of this Agreement, and nothing contained in this Agreement will be deemed or construed in any manner whatsoever as creating any partnership, joint venture, employment, agency, fiduciary, or other similar relationship between UrbanSim and Company.

**13.7 COUNTERPARTS.** This Agreement may be executed in any number of counterparts, each of which when so executed will be deemed an original, and all of which together will constitute one and the same agreement. Facsimile and electronic (e.g., PDF) signatures shall be as effective as original signatures. This Agreement shall be effective only after it has been duly executed by both parties.

**13.8 AMENDMENTS; ENTIRE AGREEMENT.** No modification, change, or amendment of this Agreement shall be binding upon the parties, except by mutual express consent in writing of subsequent date duly signed by the authorized representatives of each of the parties. This Agreement, including properly incorporated Purchase Order(s), constitutes the entire agreement and understanding of the parties with respect to the subject matter of this Agreement, and supersedes any and all prior understandings and agreements, whether oral or written, between the parties with respect to the subject matter of this Agreement.

***[Intentionally Left Blank – Signature Page Follows]***

BY SIGNING BELOW, THE PARTIES AGREE TO THE TERMS SET FORTH IN THIS AGREEMENT AND THE ATTACHED ORDER FORM.

URBANSIM, INC.

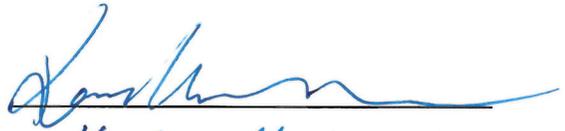
COMPANY

Sign: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Sign:  \_\_\_\_\_

Name: Kendra Montanari

Title: Socioeconomic Program Mgr

Date: Sept. 24, 2018

Exhibit A



**UrbanCanvas™ Modeler Purchase Order**

Purchase orders are now being accepted for UrbanCanvas™ Modeler, on an annual subscription basis. The one-year subscription period will not initiate until user accounts have been activated.

Please mail the completed purchase order and payment to:

UrbanSim Inc.  
1666 Shattuck Ave  
Berkeley, CA 94709

Please indicate your purchase details below:

**Customer Information:**

Organization Name: MRCOG

Street Address: 809 Copper NW

City: ABQ State: NM Zipcode: 87102

Technical Contact: Kendra Montanari Title: Socioeconomic Prgm Mgr.

email: Kmontanari@mrcog-nm.gov Phone: (505) 724-3601

Billing Contact: SAME Title: \_\_\_\_\_

email: \_\_\_\_\_ Phone: \_\_\_\_\_

**Annual Subscription Pricing for the Platform:**

<u>UrbanCanvas Modeler</u>	<u>Annual Subscription</u>
< 1 Million Pop	\$12,000
1 – 3 Million Pop	\$18,000
3 – 5 Million Pop	\$24,000
5 – 7 Million Pop	\$30,000
7 - 10 Million Pop	\$36,000
> 10 Million Pop	\$42,000

**MRCOG Annual Subscription: \$12,000**

The subscription includes 100 simulation runs, which reset on the anniversary date of the subscription.

Exhibit A

**Additional Simulation Runs:**

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The annual subscription includes 100 simulation runs on the UrbanSim Cloud. If users need more simulation runs, please indicate the number of pre-purchased bundles of 100 simulation runs on the UrbanSim Cloud you wish to pre-purchase.

\_\_\_\_\_ Bundles of 100 Simulation Runs @ \$1,000 each

**Technical Support – cost: \$20,000**

The following tasks would be considered as additional technical support through September 30, 2017:

Update table export scripts to output scheduled development events formatted for seamless integration with the locally-run MRCOG model

- Provide advisory model estimation and calibration support on 2016 base-year data
- Create an initial updated version of MRCOG UrbanSim model that is built on the new UrbanSim code base in the Cloud Platform
- Evaluate the pro forma development model for potential inclusion
- Advise on the simultaneous execution of both models and provide guidance with model testing and results assessment

**Technical Support:**

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If you wish to pre-purchase technical support hours, please indicate the number of technical support hours being pre-purchased, at \$200/hr: \_\_\_\_\_

**Total Contract Amount: \$32,000**