



# **RESOLUTION No. 17-460**

## **OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA**

**RESOLUTION AUTHORIZING AMENDMENT NO. 2, ADDING \$97,500, TO THE CONTRACT BETWEEN THE COUNTY AND HELIX ENVIRONMENTAL PLANNING FOR THE BOCA QUARRY EXPANSION PROJECT EIR (RESOLUTION 12-009 AND AMENDED BY RESOLUTION 13-336), AND A RELATED PLANNING DEPARTMENT BUDGET AMENDMENT (4/5 AFFIRMATIVE VOTE REQUIRED)**

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Board of Supervisors, of the County of Nevada, State of California, approves and that the Chair of the Board of Supervisors be and is hereby authorized to execute, on behalf of the County of Nevada, Amendment No. 2, effective September 12, 2017, adding \$97,500 to a contract between the County and Helix Environmental Planning approved on January 10, 2012 (Resolution 12-009) and amended on July 16, 2013 (Resolution 13-336) pertaining to the preparation of an Environmental Impact Report (EIR11-001) for the Boca Quarry West Pit Expansion project. The amended contract amount shall not exceed \$279,601.

BE IT FURTHER RESOLVED that the Auditor-Controller is directed to amend the Fiscal Year 2017-18 Planning Department budget as follows:

Increase:

Planning Department	1123 20708 325 2000/458010	\$97,500
Planning Department	1123 20708 325 2000/521520	\$97,500

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 12th day of September, 2017, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Hank Weston and Richard Anderson.

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER  
Clerk of the Board of Supervisors

By: 



Hank Weston, Chair

9/12/2017 cc: Planning\*  
AC\*  
HEP, Inc.

**PERSONAL SERVICES CONTRACT**

County of Nevada, California

**AMENDMENT NO. 2 TO THE PERSONAL SERVICES CONTRACT WITH HELIX  
ENVIRONMENTAL PLANNING FOR PREPARATION OF THE BOCA QUARRY  
ENVIRONMENTAL IMPACT REPORT (EIR-001) ON BEHALF OF TEICHERT AGGREGATES**

THIS AMENDMENT NO. 2 is made and is effective as of September 12, 2017, by and between Helix Environmental Services ("Contractor"), and the County of Nevada ("County"). This Amendment No. 2 amends the Personal Services Contract between the parties for preparation of the Boca Quarry Environmental Impact Report on behalf of Teichert Aggregates, approved on January 10, 2012, by Resolution 12-009 and amended on July 16, 2013 by Resolution 13-336 ("Agreement")

**WHEREAS:**

- A. The parties have entered into an Agreement for the preparation of an Environmental Impact Report on behalf of Teichert Aggregates; and,
- B. Additional environmental analysis and revisions to the draft Environmental Impact Report are required; and
- C. The parties now seek to amend the Exhibit "A" Schedule of Services to provide for the preparation of a revised Environmental Impact Report, and the Exhibit "B" Schedule for Compensation and Delivery to increase the contract price by \$97,500, for a maximum contract price of \$279,601.

**NOW, THEREFORE, IT IS AGREED** by the parties as follows:

- 1. That the Exhibit "A" Schedule of Services is hereby amended in its entirety, as set forth and attached hereto in Exhibit "A."
- 2. That the Exhibit "B" Schedule for Compensation and Delivery is hereby amended to increase the contract price by \$97,500 for a maximum contract price of \$279,601, as set forth and attached hereto in Exhibit "B."
- 3. That in all other respects the prior Agreement of the parties shall remain in full force and effect except as amended herein.

**EXECUTION:**

**CONTRACTOR**

Helix Environmental Planning

Name: David W. Claycomb

Title: Northern CA Regional Mgr.

Dated: 9-28-17

**COUNTY OF NEVADA**

Name: Hank Weber

Chair, Board of Supervisors

Dated: 9/12/2017

Attest: Julie Patterson-Hunter

Julie Patterson-Hunter  
Clerk of the Board

OK

## **EXHIBIT "A"**

### **AMENDED SCOPE OF SERVICES**

#### **Task 1 — General Management and Meetings**

HELIX proposes to provide oversight and coordination of preparation of a revised Draft EIR. This task includes general project management time for the duration of preparation of the document, including coordination with Client, Applicant, and the internal HELIX team. Management tasks will consist of formal and informal communication with the Applicant and its project team, County staff, and other participants. Communication will take the form of telephone conversations, meetings and e-mail. Other management responsibilities will include interfacing with the project team regarding project description information, tracking budgets, and reviewing schedule progress. Quality assurance reviews of all major deliverables will be completed by Dave Claycomb, who will not be replaced without County consent, for submittal to the County.

This task assumes Dave Claycomb, Project Manager/Northern California Regional Manager, and Catherine Silvester, Assistant Project Manager/Lead Author will attend two in-person meetings with the Client and/or the Applicant.

#### **Task 2 — Revised Administrative Draft EIR**

HELIX will prepare the revised Draft EIR pursuant to the requirements of CEQA Statutes, State CEQA Guidelines (including recently adopted updates), CEQA case law, Nevada County policies and standards, the previous environmental documents prepared for the project and comments received on all documents (including an Initial Study prepared by the County in December 2010, the EIR adopted in February 2013, and the subsequent revised Draft EIR prepared in September 2014). HELIX will conduct a site visit in preparation of the revised Draft EIR.

The structure of the revised Draft EIR will be similar to the previously prepared administrative Draft EIR. The entire revised Draft EIR will be recirculated for public review by the County in accordance with State CEQA Guidelines Section 15088.5. The revised Draft EIR will include a revised project description and the following environmental issues sections will be reviewed/revised: aesthetics, air quality, biological resources, cultural resources, greenhouse gases, hydrology/water supply, noise and vibration, and transportation/traffic. It is anticipated the geology and soils section will not need to be revised. Based on current State CEQA Guidelines, an energy conservation section will be incorporated into the document. These issues are discussed individually below:

*Aesthetics.* A Visual Impact Analysis (VIA) dated May 2012 was previously prepared by HELIX for the project. The VIA does not need to be revised; however, the area surrounding the project will be reviewed for new potential sensitive viewers. It is not anticipated that new visual simulations will need to be produced. The analysis in the EIR will be revised by HELIX, as appropriate.

*Air Quality.* An air quality analysis dated August 2012 was previously prepared by HELIX for the project. HELIX will provide a revised air quality analysis based on current air quality standards and traffic data projections (see Task 5b). The results of the revised study will be incorporated into this section of the EIR.

*Biological Resources.* Biological reports for the project were previously prepared by EcoSynthesis, including a Biological Inventory Report for the quarry dated December 2009 which

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was updated in January 2014 to address a construction corridor along Stampede Meadows Road. An informal delineation of waters of the U.S. in the quarry was prepared in July 2012, but it has not been verified by the U.S. Army Corps of Engineers. Updated biological studies will be prepared by the Applicant's consultant to include current species lists, current habitat mapping and conditions, and delineation of waters of the U.S. The results of the revised studies will be incorporated into this section of the EIR.

*Energy Conservation.* Energy Conservation will be evaluated as a separate section in the EIR. This is a new section that was not included in the previous version.

*Greenhouse Gases.* A greenhouse gas (GHG) report dated May 2012 was previously prepared for the project by Air Permitting Specialists. HELIX will provide a revised GHG analysis based on current guidance and standards, and current traffic data projections (see Task 6b). The results of the revised study will be incorporated into this section of the EIR.

*Hydrology and Water Quality.* A Water Supply Assessment (WSA) dated April 25, 2012 was prepared for the project by Balance Hydrologics, Inc. (Balance) as a subcontractor to HELIX. Balance will provide an updated WSA (see Task 6c). The results of the revised study will be incorporated into this section of the EIR.

*Noise.* A noise and vibration report dated August 2013 was previously prepared by Bollard. An updated noise and vibration report will be prepared by the Applicant's consultant based on current conditions and current traffic data projections. The results of the revised study will be incorporated into the noise section of the EIR.

*Traffic and Circulation.* Traffic reports for the project were previously prepared by LSC Transportation Consultants, Inc. including addendums to address cumulative impacts associated with other projects in the area. The traffic reports are dated: September 2011; March 2014 (Addendum 1); and December 2014 (Addendum 2). An updated traffic report will be prepared by the Applicant's consultant based on current conditions in the project area and using guidelines for traffic impact analyses which consider vehicle miles traveled. The results of the revised studies will be incorporated into this section of the EIR.

#### *Additional Sections*

It is anticipated revisions will be made to the following sections of the revised Draft EIR: Executive Summary; Introduction; Project Description; and Cumulative Impacts. The other EIR sections will remain unchanged.

Cultural resources studies for the project were previously prepared by R.K. Vierra & Associates (2006) and Parus Consulting, Inc. (2013). It is not anticipated that the Cultural Studies prepared for the project would need to be updated with more field work, however, an updated records search will be conducted. HELIX will work with the County to notify interested Tribes of the project (see Task 6d); however, based on the results of the previous studies, it is anticipated that potential effects related to cultural resources would not be significant.

#### *Deliverables: Administrative Revised Draft EIR and Screencheck Revised Draft EIR*

HELIX will submit the Administrative Revised Draft EIR in electronic format for County review. The submittal will be provided in Microsoft Word so that comments and revisions may be

incorporated directly into the document. Technical appendices may be submitted with this version, or separately, as appropriate.

HELIX will respond to one set of comments provided by the County and/or Applicant and will prepare a Screencheck Revised Draft EIR for County review. The submittal will include an electronic version in Microsoft Word, and a fully compiled version in Adobe .pdf with technical appendices included.

### **Task 3 — Preparation of Draft EIR for Public Review**

HELIX will complete final revisions based on County comments on the Screencheck Revised Draft EIR and upon County approval, HELIX will prepare a Notice of Completion, the State Clearinghouse Summary Form, and Draft EIR for public review.

#### *Deliverables: Draft EIR for Public Review*

HELIX will submit to the County the Notice of Completion, 15 hardcopies of the State Clearinghouse Summary form, and 25 CDs containing the complete Draft EIR. HELIX assumes that the County will distribute the Draft EIR to the State Clearinghouse, other public agencies, and interested parties.

### **Task 4 — Certification of the Final EIR**

#### **Responses to Comments**

After the close of the public comment period, HELIX will coordinate with the County regarding the proposed overall approach to Responses to Comments. The approach will be based on the number and nature of comments received. If providing an adequate response to any of the comments would require revision of the Draft EIR and/or supporting technical studies, HELIX will provide a summary of the recommended revisions to the County concurrent with the draft Responses to Comments submittal.

#### *Deliverables: Draft and Final Response to Comments*

HELIX will prepare a draft Response to Comments and will submit them to the County in electronic format. Upon receipt of County input on the draft Response to Comments, HELIX will prepare revised responses and will submit a Final Response to Comments to the County in electronic format for County approval.

#### **Final EIR**

When directed by the County, HELIX will assemble the Final EIR, including the Draft EIR (showing revisions as necessary), all comments received, responses to those comments and, as available, the minutes of the Final EIR certification hearing.

It is anticipated that the County or the Applicant's attorneys would prepare candidate CEQA Findings for each significant impact identified in the Final EIR. If there are significant impacts that cannot be mitigated, then the County/Applicant will prepare a draft Statement of Overriding Considerations (SOC).

#### *Deliverables: Final EIR*

HELIX will submit the Final EIR to the County in electronic format. HELIX will also distribute hardcopies or CDs of the Final EIR to the agencies or State Clearinghouse as requested by the County, although costs for these services are not included in our current cost estimate.

### **Revised Mitigation Monitoring and Reporting Program (MMRP)**

The MMRP will be revised pursuant to Public Resources Code §21081.6. For each mitigation measure, the MMRP will identify: the party(ies) responsible for funding and implementation, timeframe and mechanism for monitoring, and monitoring and performance criteria. To the extent possible, mitigation measures will be tied to existing County permits (e.g., grading permit, building permit, certificate of occupancy) to streamline project implementation. If any ongoing monitoring is necessary, the performance criteria and monitoring mechanisms will be clearly defined. This will include details such as frequency of monitoring actions, qualification of personnel conducting the monitoring, and the agency responsible for enforcement.

#### **Deliverables: MMRP**

HELIX will submit the MMRP to the County in electronic format. HELIX will prepare hardcopies or CDs under additional authorization.

### **Task 5 — Public Hearing(s)**

A HELIX Senior Project Manager and one additional staff member (as required) will attend up to two Public Hearings in support of the EIR. The budget includes meeting preparation and travel time.

### **Task 6 — Technical Studies**

#### **a. Peer Review Technical Studies Prepared by Others**

The biology technical report, aquatic resources delineation, noise study, and traffic study will be prepared by the Applicant's consultants. Upon receipt of draft versions of those reports, HELIX will provide a peer review of each document and will provide written comments to the County. This task assumes one round of review and comment on each draft report provided, for up to four separate technical studies (one biology technical report, one aquatic resources delineation, one noise study, and one traffic study).

#### **Deliverables: Comments on Technical Studies Prepared by Others**

HELIX will provide one round of written comments to the County for each of the four technical studies prepared by others: biology technical report, aquatic resources delineation, noise study, and traffic study.

#### **b. Air Quality/Greenhouse Gas Emissions Technical Report**

An air quality analysis dated August 2012 was previously prepared by HELIX for the project, and a separate GHG report dated May 2012 was previously prepared for the project by Air Permitting Specialists. HELIX will conduct a new analysis of potential air quality/GHG issues associated with the project based on current guidelines and traffic projections, and will provide an updated air quality/GHG report that will replace the two previously prepared reports.

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The analysis will address potential air quality/GHG impacts related to project construction and operation. The Air Quality/GHG analysis will include the following tasks:

- Update the description of the existing air quality in the vicinity of the project site and the applicable regulatory framework that would apply to the project, based on the information included in the revised Draft EIR.
- Evaluate whether the project would conflict with or obstruct implementation of the Northern Sierra Air Quality Management District (NSAQMD) Air Quality Attainment Plan.
- Estimate construction emissions including combustion emissions related to heavy-duty equipment operations; fugitive emissions related to site preparation activities; and mobile source emissions related to workers and haul truck trips. If the project-specific construction equipment and schedule are not available, a generalized schedule will be used along with the default construction equipment anticipated in the model. project-related emissions will be quantified by using a combination of the California Air Resources Board (CARB) approved EMFAC2014, OFFROAD2011, and/or SCAQMD's CalEEMod software programs.
- Calculate future operational emissions associated with the net increase in motor vehicle activity and on-site energy consumption. The emission of criteria air pollutants to the region will be quantified using a combination of EMFAC2014, OFFROAD2011, and the CalEEMod model using an estimation of vehicle trips based on the proposed land use type. Existing traffic trips in the vicinity of the project will be based on information contained in the project-specific traffic report.
- Analyze whether construction and operational emissions will result in a violation of air quality standards. The air quality impact evaluation will be based on the NSAQMD Recommended Significance Thresholds.
- Conduct a qualitative evaluation of mobile source air toxics (MSAT) from heavy-duty haul trucks using the Federal Highway Administration's (FHWA's) MSAT Guidance and using FHWA's MSAT Database. This evaluation will examine Project-related truck trips, toxic air contaminants, and associated health risks to sensitive receptors (i.e., any residences, hospitals, schools or parks) in the Project vicinity. Also, natural occurring asbestos is often found in serpentine rocks and ultramafic rocks near fault zones along the foothills of the Sierra Nevada. HELIX will qualitatively evaluate the potential impacts from the natural occurring asbestos associated with the quarry extraction and soil transfer activities. The resultant emissions evaluation will then be compiled and compared to applicable federal and state air quality standards to determine significance
- Assess whether the project would result in a cumulatively considerable net increase of any criteria pollutant for which the Mountain County Air Basin is in non-attainment under applicable federal or state standards.
- HELIX will use Caltrans' CO Modeling Protocol to evaluate whether the Project would result in significant CO concentrations. This evaluation will likely be qualitative in that we will compare the proposed Project improvements to other roadways in the MCAB with equivalent or worse operating characteristics. It is not anticipated that CALINE modeling will be necessary.

- A qualitative evaluation of potential health risks and objectionable odors associated with the proposed Project on nearby sensitive receptors will be completed. It is assumed that detailed toxic air contaminants /odor dispersion and health risk assessment modeling analyses will not be required for this Project.
- Quantify GHG emissions from construction of the project using a combination of EMFAC2014, OFFROAD2011, and the CalEEMod software program. The analysis will include typical combustion emissions related to heavy-duty equipment operations and mobile source emissions related to workers and haul truck trips.
- Estimate GHG emissions that would be generated by operation of the project using a combination of EMFAC2014, OFFROAD2011, and the CalEEMod emissions model. The emissions estimate will include the following five primary sources of GHG emissions: vehicular traffic, electricity generation, natural gas combustion, solid waste generation, and water usage. Average daily trip volumes, vehicle miles traveled, and other traffic assumptions will be based on the project-specific traffic study.
- Compare the annual increase of GHG emissions from the project to regulatory thresholds. Consistent with the methods previously used to analyze impacts in the September 2014 EIR, the project's GHG emissions will be compared to the CARB draft screening threshold for industrial sources (7,000 metric tons/year of CO<sub>2</sub>e) and to the size of major facilities that are required to report greenhouse gas emissions (25,000 metric tons/year of CO<sub>2</sub>e) to the state. The project size would also be compared to the estimated greenhouse reduction state goal of 169 million metric tons per year of CO<sub>2</sub>e emissions by 2020.
- Assess compliance of the project with applicable GHG reduction policies the measures included in the NSAQMD Air Quality Attainment Plan, and 2013 General Plan.
- HELIX will develop mitigation measures, if needed, to address significant air quality impacts. NSAQMD strongly encourages all new projects to implement emission control measures as part of the Project design. HELIX will identify potential measures that will reduce emissions of criteria pollutants and toxic air contaminants using the available information from EPA, NSAQMD, and CARB.

**Deliverables: Draft and Final Air Quality/GHG Technical Memorandum**

HELIX will prepare a draft technical memorandum in electronic format and will respond to one round of minor comments, as necessary, before submitting a final technical memorandum in electronic format.

**c. Water Supply Assessment**

A Water Supply Assessment (WSA) dated April 2012 was previously prepared by Balance Hydrologics, Inc. (Balance) for the project. As a subcontractor to HELIX, Balance will conduct a new analysis of water supply associated with the project based on current estimated water use, available new information related to water supply, and updated precipitation data. Information and data related to conditions that have changed since completion of the 2012 WSA include:

- Revisions to the project description that may result in a change in estimated annual water use by the project;

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- An “Alternative Submittal” for compliance with the Sustainable Groundwater Management Act (SGMA) in the Martis Valley Groundwater Basin which was developed and submitted to the State, including supporting technical studies;
- Updated precipitation data, including four consecutive drought years recorded from 2012 to 2015. Incorporation of these data into the analysis may indicate a higher likelihood of severely dry conditions;
- Any additional spring flow or hydrologic monitoring data that has been conducted at the site, which would be used to calibrate precipitation and spring flow estimates.

This task assumes the following:

- The previous project Application states that State Water Board staff have offered a preliminary written opinion that no appropriative water right is needed for use of the spring water. Participation in water rights evaluations or submittals is not included in this scope of work.
- Estimates of water demand for the project will be provided by others.
- The water balance-based model used for the 2012 WSA will be sufficient for the updated version. Assumptions used to delineate recharge areas, rates, and volumes will be sufficient for updating the WSA.
- An updated analysis of project impacts on water quality, water volume, groundwater recharge, hydrologic support for wetlands, habitat, or other CEQA-related analyses is not required.

**Deliverables: Draft and Final Water Supply Assessment**

Balance will prepare a draft WSA in electronic format and will respond to one round of minor comments, as necessary, before submitting a final WSA in electronic format.

**d. Cultural Resources Records Search**

Cultural resources studies for the project were previously prepared by R.K. Vierra & Associates (2006) and Parus Consulting, Inc. (2013). HELIX will conduct an updated records search for the project and will document the findings of the records search in a technical memorandum. HELIX will work with the County to notify interested Tribes of the project. The letter notification will be presented on County letterhead.

Based on the results of the previous studies, no additional field work is anticipated to be required. If the records search results in new records indicating a need for additional field work, field work may be provided under separate authorization.

**Deliverables: Draft and Final Cultural Resources Records Search Memorandum**

HELIX will prepare a draft technical memorandum in electronic format and will respond to one round of minor comments, as necessary, before submitting a final technical memorandum in electronic format.

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## ASSUMPTIONS AND LIMITATIONS

The following assumptions and limitations, in addition to those specified in the Scope of Services, are a material component of this proposal:

- The County is the CEQA Lead Agency with authority regarding the format and content of the technical studies and EIR. As the Lead Agency, the County will prepare and distribute required CEQA notices. It has been determined that the County will not issue an updated Notice of Preparation (NOP) regarding the project's EIR.
- HELIX's scope of service does not include producing transcripts of public meetings.
- This scope of work does not include resource agency consultation, permitting, or mitigation planning for impacts to biological resources or waters of the U.S./State. Should it be required, it may be provided under additional authorization.
- Once preparation of the air quality/GHG analysis and WSA have begun, no changes to the project design will occur such that re-analysis will be required.
- This scope of work does not include revisions to the air quality/GHG analysis and WSA resulting from comments generated during circulation of the CEQA document and technical studies. Should revisions to the technical studies be required as a result of comments received, it may be provided under additional authorization.

## SCHEDULE

Assuming a contract award date of approximately July 1, 2017, HELIX estimates that the Final EIR can be completed and ready for certification in April 2018. Our proposed schedule is outlined below and can be refined to meet the County's/Applicant's needs prior to contract authorization.

Task	Duration	Week Completed	Approximate Date
HELIX receives Notice to Proceed	--	--	July 1, 2017
Technical Reports Prepared/County review	10 weeks	Week 10	September 15, 2017
HELIX prepares Final Admin Draft EIR	2 weeks	Week 12	October 1, 2017
County review of Final Admin Draft EIR	4 weeks	Week 16	November 1, 2017
HELIX prepares Public Review Draft EIR	2 weeks	Week 18	November 15, 2017
EIR published and circulated for Public Review/Public Hearing	8 weeks	Week 26	January 15, 2018
HELIX prepares Admin Final EIR	4 weeks	Week 30	February 15, 2018
HELIX prepares Final EIR (includes County review)	4 weeks	Week 34	March 15, 2018
Public Hearings	TBD	Week 34+	April

**EXHIBIT "B"**  
**SCHEDULE OF COMPENSATION AND DELIVERY**

1. The County will pay Contractor an additional Ninety-Seven Thousand Five Hundred dollars (\$97,500) for the services provided under this contract amendment. The new total contract amount is \$279,601.
2. Said additional contract amount shall be paid according to the following schedule:
  - a) An amount of \$62,400 shall be paid upon the submittal of the Revised Administrative Draft Environmental Impact Report.
  - b) An amount of \$14,300 shall be paid upon acceptance of a Draft Environmental Impact Report for public review.
  - c) An amount of \$10,400 shall be paid upon the acceptance of the Final EIR by the Planning Director for distribution to the decision-making body for certification.
  - d) The final payment amount of \$10,400 shall be paid upon the first occurrence of any of the following events:
    - i) If the Project is approved and no challenge to the adequacy of the certified EIR is filed, expiration of 30 days after filing of a Notice of Determination, or 181 days after the decision to approve if no Notice of Determination is filed.
    - ii) If the Project is denied after EIR certification and no appeal is filed, expiration of 15 days after the final decision to deny.
    - iii) If no final decision is made on the project and no challenge to the adequacy of the certified EIR is filed, expiration of 120 days after certification of the Final EIR by the lead agency of the County with jurisdiction over the Project.

If timely challenge is made to the certified Final EIR, said \$10,400 shall be withheld and may be applied as necessary to reimburse the County for any expenses incurred to correct negligent errors or omissions for which the Contractor has warranted itself liable under paragraph 11. After reimbursement of the County for any and all such expenses, and after the EIR is brought into compliance with the court order, any remaining balance shall be paid to the Contractor.
3. This Contract does not terminate before the events of 2.d above have occurred, unless terminated earlier as provided for in the agreement.

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