

www.moffattnichol.com

(562) 590-6500

November 11, 2020

Mr. Jeff Hart City of Beaumont Public Works Director 550 E. 6th Street Beaumont, CA 92223

Subject: Pennsylvania Avenue Widening Project - Amendment Request #2 for Environmental Documentation Services (CEQA)

Dear Mr. Hart:

Moffatt and Nichol (M&N) is pleased to provide the City of Beaumont with continued assistance on the Pennsylvania Avenue Widening Project. This amendment request is to our existing contract dated December 19, 2017 to provide "Environmental Documentation Services for Pennsylvania Avenue Interchange Improvement Project, Pennsylvania Avenue Widening Project and the Pennsylvania Avenue Grade Separation Project." Specifically, this Amendment #2 request is to (1) extend the contract beyond December 19, 2020, and (2) provide continued California Environmental Quality Act (CEQA) services for the Pennsylvania Avenue Widening Project (Widening Project) due to project description changes, changes to the CEQA Environmental Checklist, revision to USACE regulations on Waters of the United States definition, and new SB743 legislation (requirement to analyze vehicles miles travelled) that occurred in June-July 2020 after production of the environmental documentation had already commenced.

Amendment #1 dated January 2, 2019 was approved for (1) extending the contract to December 19, 2020 (term of agreement) and (2) providing Regulatory and Multiple Species Habitat Conservation Plan (MSHCP) services specifically for the Pennsylvania Avenue Widening Project (additional services and compensation). Amendment #1 services were not included in the original 2017 contract because the original contract was only for services during the environmental document phase (technical studies and the environmental document), and these regulatory services are completed during final design, which is the project phase after the environmental document phase.

M&N continues to provide CEQA services for the Widening Project, which initially commenced in December of 2019 and was anticipated to require a total of 47 weeks to complete. Project milestones include: prepare the environmental documentation, circulate for public review, respond to agency and public comments and file the notice of determination upon City certification of the environmental document (Initial Study/Mitigated Negative Declaration [IS/MND]) and project approval. Since 2019 and in June-July 2020, the Widening Project has undergone design changes from the original 95% Plan Set, regulatory changes (SB743 implementation and USACE jurisdiction definition), and also changes in CEQA that require additional effort to complete the tasks. Design changes include removing the sidewalk from the



east side of Pennsylvania Avenue, incorporating new structural Best Management Practices (BMP)s and a revised project footprint. These project description changes will require additional effort to update the supportive technical analysis/studies already completed and update environmental resource analyses in the IS/MND.

Recent (July 2020) state implementation of SB743 and transition to Vehicle Miles Travelled (VMT) analysis will also require additional effort to coordinate with the City's traffic consultant, and to update the IS/MND and air quality and noise analyses. See attached Air Quality and Noise Scope of Work from Entech Consulting Group.

Results of the palaeontological records search performed by the San Bernardino County Museum in September 2018 conducted a literature search which was not conclusive with regard to paleontological resources in the project area, and determined the need for a paleontological field survey of the project site. This scope of services includes a field survey of the project site with regard to paleontological resources, and a written report to document the findings. An addendum to the Cultural Report is also needed due to the change in project footprint. See attached Cultural Resource Assessment Addendum and Paleontological Survey/Assessment Scope of Work from CRM Tech.

As a result of the new project footprint and the new USACE regulations on their jurisdiction of waters of the US, changes have occurred which impact the analysis of the biological resources on the project site. Therefore, a Determination of Biologically Equivalent or Superior Preservation (DBESP) needs to be prepared. See attached DBESP Scope of Work from Jericho Systems.

Finally, the CEQA Appendix G Checklist (which is used for the IS/MND analysis) was revised, and additional questions/analysis needs to be conducted to comply with the new regulations.

Due to the various changes in circumstance regarding the project description, legislation and time-lapse in the assumed schedule described above, M&N respectfully requests additional authority to complete the revised technical studies and environmental document. The tasks and requested fees are described in Attachment A Scope of Work. The scope of work and fees are contingent upon the assumptions and exclusions also included in Attachment A.

If you have any questions or require additional information, please contact me at 562-317-3491. We look forward to working with you.

Sincerely, MOFFATT & NICHOL

typhanin Denil

Stephanie S. Oslick, AICP, ENV SP Project Manager Encl: Attachment A: Scope of Work and Fee

Attachment A (Scope of Work and Fee)

TASK 1 – PROJECT DESCRIPTION UPDATES

M&N will update the project description and environmental mapping based on design changes made to the original 95% Plan Set prepared by Kimley Horn (KH) in 2019 and revised in June-July 2020. The project description will account for removing the sidewalk from the east side of Pennsylvania Avenue, incorporating new structural Best Management Practices (BMP)s for Water Quality and the revised environmental project footprint.

Scope of work:

- Coordinate with Project Engineer for updated 95% Plan Set and CAD Files.
- Identify Project Description changes and revise per latest Plan Set.
- Convert CAD files to GIS and update environmental project footprint exhibit.

Deliverable:

• Revised Project Description and project footprint exhibit will be included in IS/MND.

TASK 2 – ENVIRONMENTAL TECHNICAL STUDIES COORDINATION AND QC/EDITS

M&N will coordinate with the technical specialists to provide the latest Project Description, Environmental Project Footprint and respond to requests for information needed to update their analyses/studies. M&N oversight will include quality control for adequacy of analysis, findings and any required mitigation language consistent with CEQA.

Scope of work:

- Coordinate with specialists to revise analyses based on current conditions.
- Oversee and Quality Control of analyses and any proposed mitigation for Air Quality, Biological Resources, Cultural Resources, Hazardous Materials, Noise and Water Quality.
- Coordinate with City as needed regarding findings of the technical analyses.

Deliverable:

• No specific deliverable for this task. Deliverables associated with this task are included in Task 3 and Task 5 below.

TASK 3 – ENVIRONMENTAL DOCUMENT/ANALYSIS UPDATE

M&N will revise the environmental document for consistency with the updated Project Description and Environmental Project Footprint described under Task 1 above. The Initial Study



covers 21 environmental topic areas based on the CEQA Guidelines Appendix G. Revisions will be made to ensure the document is up-to-date based on the current design, time-lapse since work was initiated in 2019 and new regulatory changes made to the updated CEQA Appendix G Environmental Checklist, USACE regulations, and SB 743 vehicle miles travelled (VMT) requirements.

Scope of work:

- Update IS/MND with new CEQA Appendix G checklist and answer questions.
- Review IS/MND environmental topic areas and update as needed for consistency with new Project Description and Environmental Project Footprint.
- Coordinate with City's traffic consultant, review and comment on revised traffic study and update document analyses for consistency with SB 743 VMT analysis.

Deliverables:

- Revised administrative Draft IS/MND.
- Public Draft IS/MND for circulation.

TASK 4 – PROJECT MANAGEMENT

M&N will manage the environmental document, billing, invoicing and contract between the City and M&N's subconsultants.

Deliverable:

• No specific deliverable for this Task.

TASK 5 – SUBCONSULTANT TECHNICAL ANALYSIS/STUDY UPDATES

M&N and our specialists will revise the technical analyses consistent with the revised Project Description and Environmental Project Footprint, and to account for the time lapse since the project was initiated in 2019 and the changes in regulation that have occurred during that time (i.e. CEQA Appendix G Updates, SB743 VMT requirements, and USACE definition changes to Waters of the US). Also, required is a paleontology field survey based on results of the SB County Museum database research.

Scope of work:

• Update analyses and studies consistent with current revised project description, environmental footprint, and regulations.

Deliverable:

• Revised analyses and studies for Air Quality, Biological Resources, Cultural Resources, Hazardous Materials, Noise and Paleontology.

Table 1. Task Description and Cost ProposalPennsylvania Avenue Widening Project Amendment #2 (CEQA)

Tas	k Description	Hours	Fee (\$)
1.	Project Description Updates		
	 Review revised Plans and coordinate with City/Engineer 	18	62 750
	 Revise Project Description for City Approval 	18	\$3,756
	 Environmental Mapping – Revise per New CAD files 		
2.	Environmental Technical Studies Coordination and QC/Edits		
	• Air Quality		
	Biological Resources		
	Cultural Resources	50	\$10,392
	Hazardous Materials		
	Noise		
	Water Quality		
3.	Environmental Document/Analysis Updates – Due to:		
	 CEQA IS/MND – Draft Environmental Document (DED) – 	100	\$21,280
	Changes in Project Description, SB743/Traffic Study and	100	Ş21,200
	updated technical studies.		
4.	PM. Project Management	20	\$4,504
	 Additional Project Management/Meetings/Coordination 	20	Ş , ,50+
	Subtotal	188	\$39,932
5.	Subconsultant Technical Analysis/Study Updates		
	 Air Quality – New project description & SB743/Traffic Study 		\$8,538
	 Biological Resources – New footprint, time-lapse & DBESP 		\$5,000
	 Cultural Resources Addendum – New footprint 	TBD	\$1,880
	 Hazardous Materials – New footprint & time-lapse 		No change
	 Noise – New project description & SB743/Traffic Study 		\$7,218
	 Paleontology – Field survey per SB County Museum 		\$1,960
	Subtotal	TBD	\$24,596
	Total	188	\$64,528

Assumptions and Exclusions:

- 1. The Project will not require Caltrans review or approval of the Environmental Document or Technical Studies. The City is the CEQA Lead Agency and there is no NEPA nexus.
- 2. No additional project description changes will occur as of the 95% plans provided to M&N in June-July of 2020. Project description changes may require a revised scope of work.
- 3. This scope of work is valid for 90 days, and is consistent with the original 47-week project schedule. Any delays beyond M&N's control may require a revised scope of work.
- 4. The scope of work assumes no new significant environmental impacts will be triggered due to the project description changes made in June-July 2020 or due to new SB743 legislation.

City of Beaumont Pennsylvania Avenue Widening Air Quality & Noise GHG of Work

DATE:	May 20, 2020
PREPARED FOR:	Stephanie Oslick
PREPARED BY:	Michelle A. Jones, Principal Entech Consulting Group

Purpose and Objective

The City of Beaumont proposes to widen Pennsylvania Avenue consistent with the General Plan Circulation Element, in the central part of the City of Beaumont along the I-10 corridor from its existing two-lane configuration to four lanes, to accommodate projected growth and current congestion. The portion of Pennsylvania Avenue to be widened is a 2,700-foot-long segment (0.51 miles) between 6th Street on the north.

Air Quality Scope of Work

As part of the environmental analysis, an air quality and greenhouse gas analysis must be prepared to satisfy the CEQA requirements. The air quality and greenhouse gas analysis will require demonstrating whether or not the project will:

- 1. Conflict with or obstruct implementation of the applicable air quality plan;
- 2. Violate any air quality standard or contribute substantially to an existing or projected air quality violation;
- 3. Result in a cumulatively considerable net increase of any criteria pollutant for which the project is non-attainment under applicable federal or state ambient air quality standards (including releasing emissions which exceed quantitative thresholds for ozone precursors);
- 4. Expose sensitive receptors to substantial pollutant concentrations; or
- 5. Create objectionable odors affecting a substantial number of people.
- 6. Generate greenhouse gas emissions, either directly or indirectly that may have a significant impact on the environment
- 7. Conflict with an applicable plan, policy, or regulation adopted to reduce the emissions of greenhouse gases

Threshold of Significance Evaluation for Project Construction Impacts

The focus of the construction analysis will be on the pollutant of greatest concern, PM2.5, and Ozone. The project area is currently nonattainment for Ozone, PM2.5, and PM10. Significant increases in these pollutants can lead to adverse health effects as well as nuisance concerns. PM2.5 emissions are produced from excavation, grading demolition, vehicle travel, and paved and unpaved surfaces. The use of diesel-powered construction equipment produces ozone precursor emissions and combustion-related particulate emissions. Emission calculation tools such as the Sacramento Roadway Construction Emission model will be used to quantify emissions from construction and compared to SCAQMD thresholds to determine significance.

Threshold of Significance Evaluation for Operational Impacts

The most recent version of the EMFAC2017 model will be utilized to obtain daily emission levels for all criteria pollutants from the operation of the project. These daily emission levels will be compared to the SCAQMD thresholds to determine significance.

CO Hot-Spot Screening Analysis: At a local level, the project will be screened to determine if the project worsens air quality for CO. If the project is determined to have a potential to worsen air quality impacts a detailed analysis will be conducted. It is assumed that this project will not trigger a detailed analysis. The project will be screen utilizing the traffic study to determine if one of the following conditions occur

- Will Level of Service (LOS) on one or more streets or at one or more intersections in the project vicinity will be reduced to LOS E or F? or
- Will the project substantially worsen an already existing LOS F on one or more streets or at more or more intersections in the project vicinity?

Greenhouse Gas/Climate Change- Quantification of GHG will be performed to determine emission levels from both the construction and operational aspects of the proposed project. EMFAC2017 will be utilized to estimate CO_2 emissions from the construction and operation of the proposed project. The analysis will discuss project implementation measures that can be employed to reduce the GHG emissions and potential climate change impacts from the projects. Utilizing the analysis identified above, an Air Quality Technical Report will be prepared in accordance with provisions of CEQA requirements.

Air Quality Budget

Staff Name	Michelle Jones/ Principal	Total
Hourly Rate	\$170.76	
Air Quality & GHG Analysis	50	\$8,538.00
Total Hours	50	
Total Costs		\$8,538.00

Noise Scope of Work

These proposed improvements along Pennsylvania Avenue may have the potential to change noise levels in areas that are sensitive to changes in noise levels. Projects of this type are required to undergo CEQA review to identify the environmental impacts of the project and determine whether identified impacts are significant. Impacts will be considered significant if the noise level exceeds the Land Use Compatibility Criteria for the adjacent land use category as established in the City of Beaumont's General Plan noise element. Information developed from the CEQA noise analysis will support the development of the environmental documentation for the project.

Conduct On-Site Monitoring of Sensitive Receptors

Entech Consulting Group will conduct a reconnaissance of the project area to determine sensitive land use categories. Residential land uses south of the Auto Zone near Pennsylvania Avenue and those within 200 feet North of E 6th St. have been identified in the project area. Field measurements will be

City of Beaumont Pennsylvannia Widening AQ/GHG Scope of Work

performed at these sensitive land uses to determine the existing noise environment by taking and up to three (3) short-term measurements during the nosiest hour (during free-flowing traffic conditions with the highest volume), which typically occurs between 10 am and 2 pm. Measurements will be conducted utilizing a Type 1 noise meter and in accordance with generally acceptable environmental noise standards for field measurement as defined by the Caltrans Technical Noise Supplement Manual (September, 2013).

Predictive Noise Modeling

Entech Consulting Group will conduct noise modeling to predict current, future no-build and build alternatives using the appropriate noise predictive model TNM 2.5 (Traffic Noise Model) at sensitive land uses. Prediction is based on inputs such as projected traffic volume (average daily traffic), traffic mix (percentage of truck traffic), topography, and distance of the project from the receivers. Predicted noise impacts will be presented for the future build condition and compared to the land use compatibility criteria for the associated land use category.

Construction Noise

Entech Consulting Group will perform a construction noise analysis to predict construction noise levels from the project site to demonstrate compliance with the noise ordinance.

Mitigation

Mitigation measures will be discussed to reduce noise associated with the construction of the project.

CEQA Checklist Noise Questions

The Entech will prepare a Technical Noise Report to respond to the CEQA checklist questions related to noise.

Staff Name	Cammila Blasquez/ Environmental Scientist	Michelle Jones/ Principal	Total
Hourly Rate	\$ 83.22	\$174.76	
Field Monitoring	16		\$1,331.52
TNM Modeling/Analysis		8	\$1,398.08
Technical Memo/ CEQA Questions		20	\$3 <i>,</i> 495.20
Total Hours	16	28	\$6,224.80
Other Direct Costs			
Sound Level Meter Rental			\$750
Travel Costs			\$243
Total Costs			\$7,217.80

Assumptions

Moffit & Nichol will provide traffic data and design files for the project alternatives.

City of Beaumont Pennsylvannia Widening AQ/GHG Scope of Work



47 1st Street, Suite 1 Redlands, CA 92373-4601 (909) 307-5633

November 11, 2020

Stephanie S. Oslick, AICP, ENV SP West Coast Director of Environmental Services Moffatt & Nichol 4225 East Conant Street Long Beach, CA 90808

RE: Proposal for Determination of Biologically Equivalent or Superior Preservation (DBESP) Pennsylvania Avenue Widening Beaumont, Riverside County, California

Dear Stephanie:

Jericho is pleased to provide this Proposal to Determination of Biologically Equivalent or Superior Preservation (DBESP) for the above-referenced Project.

PROJECT UNDERSTANDING

The proposed Project encompasses approximately 2,800 linear feet of roadway along Pennsylvania Avenue, between 1st Street and 6th Street. Plans are to widen the roadway from two lanes to four lanes, for a potential total Project Impact area of approximately 13 acres, based on engineering plans from the City of Beaumont.

In June 2018, Jericho conducted a biological assessment and a Multiple Species Habitat Conservation Plan (MSHCP) Consistency Analysis. The result of these studies identified Riparian/riverine resources were found within a segment below the UPRR/I-10 corridor. Due to presence of Riverine/Riparian resources, MSHCP requires that a Determination of Biologically Equivalent or Superior Preservation (DBESP) must be developed that addresses the replacement of lost functions of habitats regarding the listed species, if these species cannot be avoided. This analysis is separate from any regulatory review/permitting by the CDFW and RWQCB.

SCOPE OF WORK

Task 1: Determination of Biologically Equivalent or Superior Preservation

As identified in Section 6.1.2 of the MSHCP, *Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools*, riparian/riverine areas are defined as areas dominated by trees, shrubs, persistent emergent plants, or emergent mosses and lichens which occur close to or are dependent upon nearby freshwater, or areas with freshwater flowing during all or a portion of the year. Conservation of these areas is intended to protect habitat that is essential to a number of listed or sensitive water-dependent fish, amphibian, avian, and plant species. This analysis is independent from considerations given to "waters of the U.S." and "waters of the State" under the Clean Water Act and the California Fish and Game Code.

Stephanie S. Oslick Proposal for DBESP and HMMP – Pennsylvania Ave November 11, 2020 Page 2

In accordance with the MSHCP, if a project will impact riparian/riverine habitat, no matter how small the acreage of impact and an avoidance alternative is not feasible, then a DBESP will be needed to ensure replacement of any lost functions and values associated with loss riparian/riverine habitat will be biological equivalent or superior to the existing habitat. The DBESP is separate from the regulatory permitting process (i.e., USACE CWA Section 404, RWQCB CWA Section 401, and CDFW Section 1602).

Prior to preparing the DBESP, Jericho will conduct a pre-application meeting with the County and the applicant to review the proposed Project which will help guide the design and the DBESP process.

A DBESP will be prepared that will include the following information:

- Definition of the project area;
- A written project description, demonstrating why an avoidance alternative is not possible;
- A written description of biological information available for the project site including the results of resource mapping;
- Quantification of unavoidable impacts to riparian/riverine areas associated with the project, including direct and indirect effects;
- A written description of project design features and mitigation measures that reduce indirect effects, such as edge treatments, landscaping, elevation difference, minimization, and/or compensation through restoration or enhancement;
 - Mitigation measures developed during the regulatory permit process with the CDFW will be used to offset impacts to riparian/riverine habitat as appropriate. If additional mitigation is necessary, for riparian/riverine habitat, additional mitigation measures will be included.
- A finding demonstrating that although the proposed project would not avoid impacts, with proposed design and compensation measures, the project would be biologically equivalent or superior to that which would occur under an avoidance alternative without these measures, based on one or more of the following factors:
 - Effects on Conserved Habitats;
 - Effects on the listed species; and
 - Effects on riparian Linkages and function of the MSHCP Conservation Area.

Prior to approval of the DBESP, the Wildlife Agencies (i.e., USFWS, CDFW, and the RCA) will be notified and provided a 60-day review and response period on the draft report. The proposed scope of services includes preparation of a DBESP to be reviewed by (1) the Client, and (2) the Wildlife Agencies. This task includes the distribution of up to six (6) hard copies (3 for the distribution of the draft report and 3 for the distribution of the final report) of the DBESP, response to two (2) sets of comments, and updates to the DBESP as appropriate.

FEE SCHEDULE

Jericho is sensitive to the needs of all of our clients and their budgets. Our approach is designed to save the client money and time by providing a flat rate for services. The cost is identified as follows:

Stephanie S. Oslick Proposal for DBESP and HMMP – Pennsylvania Ave November 11, 2020 Page 3

Tasks		Cost
Task 1	Determination of Biologically Equivalent or Superior Preservation	\$5,000
	Total	\$5,000

PROJECT SCHEDULE

The work to complete these tasks can begin upon authorization of our proposal and contract acceptance.

Based on our recent experience with DBESP processing through the County, it is anticipated that work will be complete within approximately three to six months from authorization of this task. Jericho will work expeditiously with the agencies as we are aware of the needs to complete this project as soon as possible.

Jericho appreciates the opportunity to continue to be of service. If you have any questions or need any clarifications, feel free to contact me at (909) 307-5633 or at shay@jericho-systems.com

Sincerely,

Shey Justy

Shay Lawrey, President



CRM TECH 1016 E. Cooley Drive, Suite A/B Colton, CA 92324

July 15, 2020

Moffatt & Nichol 3780 Kilroy Airport Way, Suite 600 Long Beach, CA 90806 Stephanie S. Oslick, AICP, ENV SP

SCOPE OF WORK AND COST PROPOSAL

Addendum Report to a Previously Completed Cultural Resource Assessment And for a Paleontological Survey/Assessment For the Pennsylvania Avenue Street Widening Project City of Beaumont, Riverside County, California

CRM TECH is submitting to Moffatt & Nichol ("Client"), this proposal to conduct an addendum study for the project referred to above. Between June and September 2018, CRM TECH completed a historical/archaeological resources study for the project. Since then some changes have been made in the project area, such that some parts of current project area were not included in the earlier study. Those areas now need to be inspected for cultural resources. An addendum report will be prepared to present the results of the cultural investigation of those additional areas.

Additionally, at this time, a paleontological survey is also required. The tasks and cost of completing the paleontological survey/assessment are presented separately in this document.

Scope of Work: Cultural Resources Addendum

In order to complete a cultural resources assessment of the additional area, CRM TECH would accomplish the following tasks:

- 1. Use the provided shape files of the boundaries of the new, additional areas that were not included in the earlier study and produce maps of them on historic-period and current maps and aerial images for use when reviewing the records search and historical background research results and during the field survey; appropriate figures will be included in the addendum report.
- 2. Review the results of the historical/archaeological resources records search previously completed for the project area for information regarding previously completed cultural resource studies and previously recorded cultural resources in the project area and vicinity.
- 3. Review the general prehistorical and historical background research previously completed to, once again, become familiar with the prehistorical and historical context of the area and for information about previous land uses and development trends within and around the project area.

- 4. Conduct a field survey of the new, previously unsurveyed parts of the project area following professional archaeological procedures; this will include, among other standard procedures, inspecting the entire ground surface of the previously unsurveyed areas, documenting the current conditions, and taking overview photographs.
- 5. Prepare an addendum report to document the methods and findings of Tasks 1-4, stating our results, conclusions, and recommendations for cultural resources with regards to these new areas.

Cost: Cultural Resources Addendum

CRM TECH proposes to complete the tasks listed above for the addendum report for this project for a cost of **\$1,880.00**.

Scope of Work: Paleontological Survey/Assessment

To satisfactorily complete the paleontological survey/assessment of the entire project area, CRM TECH will conduct the following tasks:

- 1. Using the digitized data of the entire project area, produce a figure showing the project area on one or more geologic maps of the area.
- 2. Review the paleontological resources records search completed by the San Bernardino County Museum for information regarding geological formations and other information regarding paleontologically sensitive sediments and paleontological resources within and near the project area.
- 3. Review pertinent paleontological literature and geological maps for information regarding geological formations and paleontological resources in the project area and vicinity.
- 4. Conduct a field survey of the entire project area following standard professional paleontological procedures.
- 5. Prepare a report to document the methods and findings of Tasks 1-4, identifying any potential fossilbearing soils and paleontological resources within the project area, if any, discussing their possible significance, and recommending subsequent courses of action for paleontological compliance for the project.

Cost: Paleontological Resource Survey/Assessment

CRM TECH proposes to complete the paleontological study for a cost of **\$1,960.00**.

Total Cost: Both Studies

This results in a combined cost for both the cultural resources addendum study and the paleontological resources survey/assessment of **\$3,840.00**.

Reimbursable Expenses

No reimbursable expenses or indirect costs will be added to our invoices. The prices include items such as mileage, copying and printing, and administrative fees.

Payment Schedule

The full amount will be due upon completion of the final reports.

Project Schedule

Start date: Immediately upon authorization to proceed. *Completion date*: The study will be completed by a date agreed upon by CRM TECH and the Client; CRM TECH may be able to complete these studies in approximately 2 weeks.

Agreement

If the Client agrees to the terms and conditions of this proposal, an authorized signature below will constitute a contract and an agreement to proceed. Alternatively, this document can be incorporated into the Client's standard subconsultant agreement.

Submitted by: gan

Michael Hogan CRM TECH

Agreed to by an Authorized Representative of Moffatt & Nichol:

Signature

Printed name and title

Date