

October 13, 2023

(Via email: citymanager@cityofcolusa.com)

Jesse Cain, City Manager
City of Colusa
425 Webster Street
Colusa, CA 95932

Subject: City of Colusa BLF – Proposal for Conceptual Engineering Services

Dear Jesse:

This letter proposal is in regard to the City of Colusa's request for Conceptual Engineering Services for Slope Repair at the Boat Launch Facility (BLF) along Roberts Ditch. We understand the existing slope near the top of the launch ramp and sidewalk is damaged due to a presumed combination of erosion and shallow slope failure related to ditch deepening, riverbank migration, and prolonged inundation during high river stage.

Since the BLF was originally funded by the Division of Boating and Waterways (DBW), the repair work is eligible for grant funding to reimburse City costs for planning, design, and construction. With the February 1, 2024 deadline for DBW grant funding applications approaching, the City has requested M&N's assistance for the preparation of project documentation necessary to apply for the funding within this timeframe. Assuming grant funding is successfully obtained as a result of this Conceptual Engineering effort, M&N would prepare a subsequent proposal to assist the City in preparation of Construction Documents, if requested by the City.

The Conceptual Engineering Services are expected to include the following, with approximate hours provided:

- Site Visit and review of existing conditions (10 hrs)
- Review of existing geotechnical/ditch flow information (4 hrs)
- Develop 2 Conceptual Alternatives – including plan view, typical section, and concept-level cost estimate (for design, environmental clearances/permitting, and construction costs) for structural (sheetpile) and non-structural slope repair (40hrs)
- Prepare Draft Conceptual Engineering Report and discuss with City (20 hrs)
- Prepare Final Conceptual Engineering Report (8 hrs)

We assume the existing geotechnical information (Geocon, Taber Consultants, Wallace Kuhl) used for the Colusa BLF design and construction will be sufficient for the present repair effort; we also will review the 2018 Dokken Engineering sheetpile wall design that was developed based on the 2018

Geocon report. If coordination with a Geotechnical Engineer (GE) is necessary, we would assist the City in defining the scope of work needed in selection of a GE.

We propose to perform the work described above based on Time & Materials in accord with our standard rate schedule and a budget of \$22,000. We will not exceed this budget unless authorized by you. We propose to begin within 2 weeks after receipt of the Notice to Proceed and complete the Draft CER within 6 weeks after NTP.

Please note that the DBW Grant Application Form requires the Applicant to specify the expected permitting and CEQA clearance necessary for the project. We anticipate that we can provide this information for the Application Form within this scope and budget. If additional effort to initiate CEQA and/or permits is desired by the City, we are able to perform these services and would be glad to provide a proposal for that effort.

We appreciate the opportunity to be of continued service to the City of Colusa. Please feel free to contact me should you have any questions about this proposal.

Sincerely,

MOFFATT & NICHOL



Neil Nichols, PE
Project Manager
925.956.4934



moffatt & nichol

RATE SCHEDULE FOR PROFESSIONAL SERVICES

Effective March 1, 2023, Until Revised

	<u>CLASSIFICATION</u>	<u>HOURLY RATES</u>
PROFESSIONALS	Supervisory Engineer/Scientist	\$ 320.00
	Senior Engineer/Scientist	\$ 299.00
	Engineer/Scientist III	\$ 283.00
	Engineer/Scientist II	\$ 249.00
	Engineer/Scientist I	\$ 224.00
	Staff Engineer/Scientist	\$ 180.00
TECHNICIANS	Senior Technician	\$ 243.00
	Designer	\$ 229.00
	CADD II	\$ 196.00
	CADD I	\$ 146.00
CLERICAL	Project Controls/Word Processing	\$ 147.00
	General Clerical	\$ 116.00
SPECIAL	Principal Engineer/Scientist	\$ 337.00
	Deposition & Trial Testimony	\$ 603.00
ARCHITECTURAL SERVICES	Principal Architect/Planner/Designer	\$ 341.00
	Senior Architect	\$ 226.00
	Architect	\$ 173.00
	Senior Project Designer	\$ 184.00
	Senior Designer	\$ 142.00
	Designer	\$ 116.00

REIMBURSABLE EXPENSES (Unless Otherwise Provided in Written Agreement)

Subcontracts or Outside Services		Cost +10%
Reproductions	- In House	
	Mylar Plots (B/W)	\$2.60/SF
	Color Plots	\$4.70/SF
	Vellum Plots (B/W)	\$1.60/SF
	Bond Plots (B/W)	\$1.05/SF
	Drawing Reproduction	Cost +10%
	Document Reproduction	\$0.16/sheet
	- Outside Reproduction	Cost +10%
Travel	Company Auto	Prevailing IRS
	Rental Vehicle	Cost
	Airfare	Cost
	Meals and Lodging	Cost