



**AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT
CONSTRUCTION MANAGEMENT SERVICES
CHANDLER BOULEVARD AND DOBSON ROAD SEWER AND WATER IMPROVEMENTS**

**Project No. WW2005.453
Council Date: April 27, 2023 Item No.**

THIS AMENDMENT NO. 1 ("Amendment No. 1") to the professional services agreement dated March 22, 2023 (the "Agreement") is made by and between the City of Chandler, an Arizona municipal corporation, ("City") and **Dibble CM, LLC**, a Delaware limited liability company ("Consultant"), on this ____ day of _____, 2023 ("Effective Date"). (City and Consultant may individually be referred to as "Party" and collectively referred to as "Parties").

RECITALS

A. The Parties entered into the Agreement for: **Construction Management Services** ("Services") for the **CHANDLER BOULEVARD AND DOBSON ROAD SEWER AND WATER IMPROVEMENTS** project.

B. The Parties have determined that it is necessary and desirable for the Consultant to perform additional services for the City under the terms and conditions set forth in this Amendment No. 1 and the Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the premises and mutual promises contained in the Agreement and this Amendment No. 1, the Parties agree to amend and modify the Agreement as follows.

SECTION I – CONSULTANT’S SERVICES

The Agreement is amended to add the modified scope of work described in **Exhibit "A"** attached to and made a part of this Amendment No. 1 by this reference.

SECTION II – PERIOD OF SERVICE

The Agreement is amended to increase the Agreement time by **500** calendar days for a total **620** calendar days.

SECTION III – PAYMENT OF COMPENSATION AND FEES

The Agreement is amended to increase the total Agreement price in an amount not to exceed **\$1,206,398.00** for a total Agreement amount of **\$1,298,588** payable in accordance with **Exhibit "B"** attached to and made a part of this Amendment No. 1 by this reference.

SECTION IV – CONFLICT AMONG DOCUMENTS

The Agreement, this Amendment No. 1, and any previous Amendments constitute the complete agreement between the Parties concerning the subject matter of the Agreement and replace any prior oral or written communications between the Parties. If a conflict or ambiguity arises between the Agreement and this Amendment No. 1, the instrument in the following order prevails and controls: (1) Amendment No. 1; and (2) Agreement.

SIGNATURE PAGE TO FOLLOW

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment No. 1 to be duly executed. Each Party warrants and represents that its respective signatories whose signatures appear below have been and are on the date of signature duly authorized to execute this Amendment No. 1.

"CITY" CITY OF CHANDLER

"CONSULTANT"
Dibble CM, LLC

MAYOR

Signature _____ Date

RECOMMENDED BY:

Kimberly Moon

Kimberly Moon, P.E.
CIP City Engineer

K C Brandon
Print Name

President
Title

kcb Brandon@dibblecm.com
Signer Email Address

APPROVED AS TO FORM:

City Attorney *MB*

ATTEST:

City Clerk Seal

Amendment No. 1 (cont.)
Project No. WW2005.453

These changes result in the following adjustments of Agreement amount and/or time:

Amendment authorized by Owner name: Jermaine Swinton (verbal) & Jeff Auker (verbal) Date: 3/22/23		
Original Agreement amount:	\$92,190	
Previous Amendment(s) total:	\$0	
Last Agreement amount approved by Council:	\$N/A	
This Amendment:	\$1,206,398.00	
This Amendment + previous Amendment(s) not approved by Council total:	\$1,206,398.00	
Revised Agreement total:	\$1,298,588.00	
Council Approval Required (yes indicates approval required)	Yes	No
Amendment(s) total over \$100,000:	☒	☐
Amendment(s) total causes Agreement to exceed \$100,000:	☒	☐
Agreement Time		
Agreement time prior to this Amendment (including previous amendments):	<u>120</u> Calendar Days	
Net change resulting from this Amendment:	<u>500</u> Calendar Days	
Revised Agreement time (including this Amendment):	<u>620</u> Calendar Days	
Council Approval (if applicable)		
Council Approval Date: _____ Item No. _____		

cc: Project Manager, Consultant, Owner, File

EXHIBIT A
SCOPE OF WORK

March 21, 2023

City of Chandler

Attn: Mrs. Melanie Sikes PE
Senior Engineer/ Project Manager
Public Works and Utilities Department

Re: Project No. WW2005.453
Chandler Boulevard and Dobson Road Sewer and Water Improvements
Construction Management and Inspection Services Proposal

Dear Mrs. Sikes,

Dibble CM is pleased to submit our construction management and inspection services proposal for this project. This proposal is based on the overall project duration of **16 months** for both the sewer and water improvements. Following is a summary of services we will provide:

Construction Administration Activities

- Monitor job progress and document quantities of work completed.
- Review contractor's pay requests and make recommendations to the city.
- Monitor the Contractor's progress in relation to the approved project schedule. Notify the Contractor and City of any deviations from the approved schedule which may cause a delay to the scheduled completion date. Request schedule recovery plans and revised schedules when needed, to show progress in conformance with contract requirements. Review and provide comments to schedule updates submitted by the Contractor.
- Evaluate Contractor requests for extra cost work, or construction contract time extensions and make recommendations to the City regarding approval or rejection. Prepare Contract Contingency and Allowance approval documents for processing and final summary based on approved requests.
- Conduct progress meetings to review the current schedule and work progress and to facilitate resolution of construction issues. Prepare minutes of the meetings and distribute to the attendees and project stakeholders.
- Maintain files and documentation of all information related to the project including correspondence, submittals, RFIs, inspection reports, test reports, pay applications, progress schedules, meeting minutes, field directives, and job photos.
- Review, provide comments and coordinate with City and Engineer for submittal and RFI responses.
- Provide responses for non-critical Submittals and RFIs.

Construction Inspection Activities

- Provide construction inspection and observe contractor's work.
- Measure and document pay quantities.
- Monitor Contractor's Quality Control field testing, review materials test reports, and notify the Contractor of deficiencies in the work as indicated in the tests and reports.
- Coordinate QA testing of the Contractor's work as required with the City's Quality Assurance material testing firm.
- Observe and document unforeseen conditions, changed conditions, and extra work activities performed by the contractor.
- Review contractor's red-line as-built drawings on a weekly basis.

Project Close-Out Activities

- Schedule and conduct a pre-final walk-through with the Contractor and Engineer and prepare a punch list for the Contractor's use prior to the final project walk-through.
- Conduct a final project walk-through with the Contractor, Engineer, and Owner when appropriate.
- Review Contractor request for final payment, verify final quantities, and make recommendation to the Owner for final payment.
- Review Contractor red line drawings and coordinate with Engineer for as-built drawings.

Fee (T & M Not to Exceed):

See attached Exhibit B for fee break down.	<u>\$1,176,398</u>
Contingency (City Pre-Approval Required)	<u>\$30,000</u>
Total -	\$1,206,398

Dibble CM appreciates this opportunity. Please let me know if you have any questions or comments regarding this proposal.

Respectfully,

Marc Stern

Marc Stern
Construction Manager
Dibble CM

EXHIBIT "A"

CONSTRUCTION MANAGEMENT

SCOPE OF SERVICES

WW2005.453

CHANDLER BOULEVARD AND DOBSON ROAD SEWER AND WATER IMPROVEMENTS

PROJECT TASKS

2. CONSTRUCTION MANAGEMENT

A. Task 2.1 Weekly Construction Meetings

- i. Consultant must conduct weekly construction meetings. Each meeting includes agenda and minutes; Request for Information (RFI); Shop Drawing; Request for Information (RFI); Field Directive (FD); Material Certification; and Allowance Logs. Consultant assumes (65) sixty five weekly meetings will be held.

B. Task 2.2 CPM Schedule

- i. Consultant must review Contractor's monthly CPM schedule updates submitted with each payment application, identify CPM tasks behind schedule that may affect critical path items, project substantial and final completion dates and initiate correspondence to City regarding those tasks. Consultant assumes (15) fifteen reviews of updated CPM schedule.

C. Task 2.3 Requests for Information (RFI's)

- i. Consultant must review, evaluate, and respond to Contractor Requests for Information (RFI's); and prepare and maintain a submittal log of all RFI's. Consultant assumes a (25) twenty five RFI responses.

D. Task 2.4 Shop Drawing Submittals

- i. Consultant must review, evaluate, and respond to Contractor shop drawing submittals; and prepare and maintain a submittal log of all shop drawing submittals. Consultant assumes (30) thirty reviews.

E. Task 2.5 Requests for Proposal (RFP)

- i. Consultant must prepare Requests for Proposal (RFP) documents detailing requested additional work tasks; review and evaluate Contractor RFP responses (cost derivatons) with approval recommendations; and prepare and maintain a submittal log list of all RFP's. Consultant assumes (20) twenty RFPs.

F. Task 2.6 Field Directives (FD's)

- i. Consultant must prepare Field Directive (FD) documents detailing requested additional work tasks; review and evaluate Contractor FD responses with approval recommendations; and prepare and maintain a submittal log list of all FD's. Consultant assumes (20) twenty FD's.

G. Task 2.7 Contractor Payment Applications

- i. Consultant must review and evaluate Contractor monthly payment applications and make recommendation for payment; maintain a weekly record of constructed pay quantities and compile monthly totals; and coordinate payment application with the City quantity report and the inspectors' daily logs. Consultant assumes (15) fifteen payment applications, with (2) two reviews each.

3. CONSTRUCTION INSPECTION

A. Task 3.1 Inspection Services

- i. Consultant must provide weekly construction inspection to verify materials and installations conform to construction documents; prepare daily inspection reports documenting Contractor construction activities and progress during field inspection visits; and perform intermittent erosion control inspections. Consultant assumes 1 inspector full time 40 hrs. per week for (15) fifteen months and 1 inspector part time 20 hrs. per week for (15) fifteen months. Consultant assumes 390 hrs. of overtime for project duration.

B. Task 3.2 Project Closeout

- i. Consultant must compile non-conformance list prior to Substantial Completion; schedule and conduct Substantial Completion inspection; prepare Substantial Completion punch list generated from Substantial Completion inspection; track items on punch list and note completed items; and complete and distribute Substantial Completion certificates.
- ii. Consultant must schedule and conduct Final Completion inspection; and complete and distribute Final Completion certificates.
- iii. Consultant must provide all documents in an electronic version that matches the City's filing system, so it can be imported into City's files.
- iv. Consultant must participate in a meeting with City staff and Designer to review request for information log to discuss lessons learned during the course of construction.

4. MATERIALS TESTING

A. Task 4.1 Quality Assurance (QA) Test Program

- i. Consultant must prepare and maintain a materials Quality Assurance plan per City and MAG.
- ii. Consultant must coordinate with Contractor's testing representative to obtain required QA tests and sample; complete sampling and compaction testing of subgrade (including lime-stabilized subgrade base), aggregate base and asphalt concrete materials in new asphalt concrete pavement areas; complete sampling and compaction testing of subgrade, aggregate base (where required) and concrete for new curbs, gutters, sidewalks and concrete pavement and structures; and complete sampling and compaction testing of backfill for new irrigation, sewer, water, storm drain pipe, and dry utilities.
- iii. Consultant will provide survey for QA for elevations of new sewer lines and manholes. Consultant will provide data in Excel format.

5. RECORD DRAWINGS

A. Task 5.1 Record Drawings

- i. Review and monitor Contractor's weekly updates on red-line drawing set.

ASSUMPTION, CLARIFICATIONS, AND EXCLUSIONS

1. Application fees for City reviews and permits will be paid by CITY.
2. The Owner's Allowance will only be utilized with prior written approval from the City representative.

EXHIBIT B
FEE SCHEDULE

EXHIBIT "B"
CONSTRUCTION MANAGEMENT
SCOPE OF SERVICES
FEE SCHEDULE

WW2005.453

CHANDLER BOULEVARD AND DOBSON ROAD SEWER AND WATER IMPROVEMENTS
(NOT TO EXCEED FEE)

Task	Description	Cost
2	CONSTRUCTION MANAGEMENT	
2.1	Weekly Construction Meetings	\$ 192,150.00
2.2	CPM Schedule	\$ 20,100.00
2.3	Requests for Information (RFI's)	\$ 39,300.00
2.4	Shop Drawing Submittals	\$ 41,750.00
2.5	Requests for Proposal (RFP)	\$ 42,800.00
2.6	Field Directives (FD's)	\$ 23,500.00
2.7	Contractor Payment Applications	\$ 51,850.00
SUBTOTAL TASK 2:		\$ 411,450.00
3	CONSTRUCTION INSPECTION	
3.1	Inspection Services	\$ 598,000.00
3.2	Project Closeout	\$ 87,400.00
SUBTOTAL TASK 3:		\$ 685,400.00
4	MATERIALS TESTING	
4.1	QA Test Program (See below under subconsultant)	\$ -
SUBTOTAL TASK 4:		\$ -
5	RECORD DRAWINGS	
5.1	Record Drawings	\$ 15,150.00
SUBTOTAL TASK 5:		\$ 15,150.00
SUBCONSULTANTS		
	Dibble Waste Water Rehab(CIPP liner inspection and review)	\$ 44,160.00
	Ninyo & Moore (QA Test Program)	\$ 15,238.00
	Dibble Survey QA (Sewerline elevation/manhole invert verification)	\$ 5,000.00
SUBTOTAL SUBCONSULTANTS:		\$ 64,398.00
ALLOWANCES		
	Direct Expense Allowance	\$ -
	Owner's Allowance	\$ 30,000.00
SUBTOTAL ALLOWANCES:		\$ 30,000.00
PROJECT TOTAL:		\$ 1,206,398.00

EXHIBIT "B"
Staff Hours and Fee Proposal

Exhibit B

Dibble CM Staff Hours and Fee By Task							
	Billing Rate	\$ 195.00	\$ 165.00	\$ 145.00	\$ 135.00	\$ 202.50	\$ 130.00
Task	Resident Engineer	Construction Manager	Project Engineer	Lead Inspector	Lead Inspector Overtime	Inspector	
Construction Management							
Weekly meetings	250	500	420				
CPM schedule reviews	30	60	30				
Pay Apps	90	120	100				
Request for Information reviews	50	100	90				
Shop drawings/submittals reviews	70	100	80				
Request for Proposals (RFP)	50	130	80				
Field Directives (FD)	40	60	40				
Inspection Services							
Construction Inspections				2600	260	1300	
Close Out							
Pre-Final Inspection and Punch List	60	80	60				
Final Inspection	20	40	20				
Record drawings/review contractor final redline drawings	30	30	30				
Closeout Documents	80	80	80				
Sub-Contractors							
Dibble Rehab							
Ninyo Moore							
Dibble Survey							
Total Hours	770	1300	1030	2600	260	1300	
Total Fee	\$ 150,150.00	\$ 214,500.00	\$ 149,350.00	\$ 351,000.00	\$ 52,650.00	\$ 169,000.00	

Fee Summary	
Resident Engineer - Roger	\$ 150,150.00
Construction Manager - Marc	\$ 214,500.00
Project Engineer - Julia	\$ 149,350.00
Inspectors Peter/Christian	\$ 598,000.00
Sub-Contractors	\$ 64,398.00
Owner Allowance	\$ 30,000.00
Total	\$ 1,206,398.00

- This is a time and materials proposal based on the current scope of work and schedule.
- Prices are all-inclusive. There are no additional charges for mileage or other incidental expenses.
- Proposal is for construction administration and inspection services for a 16 month duration with a proposed NTP of 6/1/23 for construction start.

3/21/2023

p 602.957.1155 | 7878 North 16th Street, Suite 300
f 602.957.2838 | Phoenix, AZ 85020

dibblecorp.com

March 3, 2023

Dibble CM

Marc Stern
7878 N 16th Street
Phoenix, AZ 85020

**RE: CA&I Services for City of Chandler – Dobson Rd. & Chandler Blvd. Intersection Sewer Improvements
Project No. WW2005.403**

Dear Mr. Stern,

We appreciate the opportunity to work with you and the City of Chandler (City) on the Construction Administration & Inspection (CA&I) Phase Services for the Dobson Rd. & Chandler Blvd. Intersection Sewer Improvements Project No. WW2005.403. Dibble CM has requested a proposal to provide CA&I services for the rehabilitation of sanitary sewer pipe as follows: 384 LF of 15-inch diameter, 2,569 LF of 24-inch diameter, 799 LF of 27-inch diameter, and 388 LF of 39-inch diameter.

Services will include on-site inspection of work. A detailed scope of services is attached.

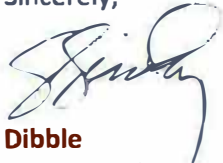
The following table indicates Dibble CA&I Services Fee and Additional Service as Directed.

<u>TASK DESCRIPTION</u>	<u>METHOD</u>	<u>AMOUNT</u>
CA&I Services	Hourly not to Exceed	\$44,160.00
	Total Compensation Not to Exceed	\$44,160.00

Contract duration is anticipated to be 200 calendar days from written Notice To Proceed.

Should you have any questions or require additional information please contact me.

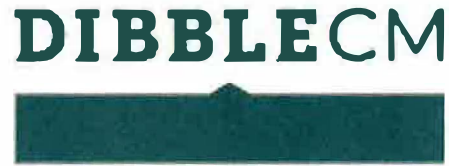
Sincerely,



Dibble
Steven Siroky
Utilities Project Manager



Exhibit A



**City of Chandler, Arizona
Project Number: WW2005.403**

**Dobson RD & Chandler BLVD Intersection Sewer
Improvements**

**Dibble as Subconsultant for
Construction Administration & Inspection Services**



TASK SERIES SUMMARY

CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES

SECTION 100 – Project Administration During Construction

No Tasks

SECTION 200 – General Project Administration

No Tasks

SECTION 300 - Engineering Services During Construction

No Tasks

SECTION 400 - Resident Services During Construction

Task 410 - Field Administration

Task 420 - On-Site Specialty Inspection and Review of Work

Task 430 - Punch List Review

Subconsultant Design and CA&I Services Objectives

This Exhibit describes the scope of services and responsibilities of Dibble as subconsultant to Dibble CM relating to Construction Administration and Inspection (CA&I) for the Dobson RD & Chandler BLVD Intersection Sewer Improvements project consisting of sanitary sewer access manholes and pipe rehabilitation at intersection of Dobson Road and Chandler Boulevard. It is anticipated the City of Chandler, Arizona (City) will utilize Construction Management at Risk (CMAR) methodology for construction.

The tasks identified in the Scope of Services below will be completed on an hourly basis, not to exceed an amount of **\$44,160.00** per Exhibit B – SUBCONSULTANT ENGINEERING FEE PROPOSAL. This scope assumes Construction Phase Services shall be completed within **200 days** from the date of the written Notice to Proceed.

CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES

SECTION 100 – Project Administration During Construction

No Tasks

SECTION 200 – General Project Administration

No Tasks

SECTION 300 - Engineering Services During Construction

No Tasks

SECTION 400 - Resident Services During Construction

A - General

Dibble's Specialty Inspector will be furnished, when requested, and will act as directed by Dibble, to assist Dibble in inspecting performance of the work of the Contractors. Dibble will endeavor to provide protection for The City against defects and deficiencies in the work of Contractors; but the furnishing of such Inspector will not make Dibble responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions or programs, or for Contractor failure to perform their work in accordance with the Contract Documents.

B – Specialty Inspector's Duties and Responsibilities

Inspector, as Dibble's agent, will act as directed by and under the supervision of Dibble, and will confer with Dibble. Dibble's Specialty Inspector's dealings in matters pertaining to the on-site work shall in general be only with Dibble and Dibble CM and dealings with subcontractors shall only be through or with the full knowledge of Dibble CM and the Contractor. Written communication to the City will be only through Dibble CM or as directed by Dibble when appropriate.

Task 410 - Field Administration

- 1) Meetings: Dibble's Project Manager and/or Dibble's Specialty Inspector will participate in preconstruction conferences and an anticipated **ten (10)** periodic construction progress meetings.
- 2) Liaison: Dibble's Specialty Inspector will serve as Dibble's liaison with Dibble CM and Contractor, working principally through Contractor's superintendent and assist the superintendent in understanding the meaning of the Construction Documents. Assist Dibble CM in serving as the City's liaison with Contractor when Contractor's operations affect The City's on-site operation. As directed by Dibble CM, assist in obtaining from the City additional details or information, when required at the job site for proper execution of the work.
- 3) Submittals and Samples: Dibble's Specialty Inspector will advise Dibble CM prior to the commencement of any work requiring a submittal or sample submission if the submission has not been approved by Dibble.
- 4) Interpretation of Construction Contract Documents: Dibble CM will receive and transmit clarifications and interpretations of the Construction Contract Documents to/from the Contractor and the City, if required.
- 5) Changes: Dibble CM will consider and evaluate and Contractor's suggestions for changes in drawings or specifications and report suggestions with recommendations to Dibble. Dibble will notify Dibble CM of changes or alterations believed to be in The City's best interest. Dibble will provide Dibble CM with support information of proposed changes. Dibble will prepare drawing, details, and specifications needed to describe and justify the change.

- 6) Records: Dibble's Specialty Inspector will have available at the job site files for correspondence, reports of job conferences, shop drawings and samples submissions, reproductions of original Construction Contract Documents including all addenda, change orders, field orders, additional drawings issued subsequent to the execution of the construction contract, Dibble CM's clarifications and interpretations of the construction documents, progress reports, and other Project related documents.
- a) As requested, prepare daily reports recording Contractor's work performed on the job site, major construction equipment on-site, daily activities, decisions, subcontractors on-site, inspections in general and specific inspections in detail as to inspecting test procedures.
 - b) Maintain notes to be capable of cross referencing the Contractor's Record Drawing information for accuracy and completeness.
 - c) Receive, review and process daily inspection reports.
 - d) Maintain a digital photographic file of the progress of the construction activities, while onsite during the Project. This photographic file will consist of color photographs taken to document specific construction activities where the information may be of future value. The photographs will be incorporated into Daily Reports and labeled as to the subject.

Task 420 - On-Site Specialty Inspection and Review of Work

Dibble's Specialty Inspector will maintain a presence at the Project site, as requested:

- 1) Conduct on-site inspections, as requested, of the work in progress to assist Dibble in determining if the work conforms to the Construction Contract Documents.
- 2) Report to Dibble whenever it is believed that any work is unsatisfactory, faulty, defective, does not conform to the Construction Contract Documents, does not meet the requirements of inspections, tests or approval required to be made, or has been damaged prior to final payment; and advise Dibble when it is believed work should be corrected or rejected or should be uncovered for inspection, or requires special testing, inspection, or approval.
- 3) Verify that tests are conducted as required by the construction documents in presence of the required personnel and that Contractor maintains adequate records thereof; inspect, record and report to Dibble appropriate details relative to the test procedures.

Level of effort assumes Inspector's availability during the project duration, eight (8) hours per day, excluding weekends, and holidays (assuming single Contractor). Actual time inspector is on-site will be coordinated with Contractor's work activities or as directed by Dibble CM.

Task 430 – Punch List Review

Specialty Inspector will assist Dibble CM during the inspection for Substantial Completion as follows:

- 1) Before Dibble CM issues a Certificate of Substantial Completion, submit to Dibble CM a list of inspected items requiring completion or correction in accordance with the requirements of the construction documents.

- 2) After the Contractor has completed the work identified and upon request of the Dibble CM, Inspector will conduct final inspection. If necessary, Dibble's Manager will prepare a Final Punch List of the rehabilitation portion of the work items to be completed or corrected in accordance with the requirements of the Construction Contract Documents.
- 3) After the Contractor has completed the work of the final punch list and upon written notice from the Dibble CM, review and determine that items on the Final Punch List have been completed or corrected and make recommendations to Dibble concerning acceptance.

Exclusions:

The following tasks are not included in this Scope of Work. Fee for services can be negotiated at the request of Dibble CM.

1. Public Notification/Coordination and Outreach Communications: Dibble CM and/or The City shall provide all outreach efforts, notifications, communication, and coordination with the general public throughout the project. Dibble can provide these services as requested by the Dibble CM as agreed to in writing.
2. Additional Construction Management Services and Documentation: Dibble CM shall provide all Construction management services, documentation and coordination not specifically included by Dibble as noted in this Exhibit B. Dibble can provide additional services and documentation requested by the Dibble CM as agreed to in writing.

END OF DOCUMENT

DIBBLE**Exhibit B - REVISED****SUBCONSULTANT ENGINEERING FEE PROPOSAL
CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES****CITY OF CHANDLER, ARIZONA****DIBBLECM****Project No. WW2005.403****DOBSON RD & CHANDLER BLVD INTERSECTION SEWER IMPROVEMENTS****March 21, 2023**

Staff Classification	Labor Hours	Rate	Cost
<u>CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES (CA&I)</u>			
Project Manager - Steven Siroky	48	\$205.00	\$9,840.00
Senior Construction Inspector - Clint Bienvenue	240	\$143.00	\$34,320.00
CA&I Labor Subtotal =	288		\$44,160.00
Total Proposal for Construction Administration and Inspection Services			\$44,160.00



Exhibit B REVISED - Worksheet / Estimate

CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES CITY OF CHANDLER, ARIZONA



Project No. WW2005.403

DOBSON RD & CHANDLER BLVD INTERSECTION SEWER IMPROVEMENTS

Tuesday, March 21, 2023

\$205.00

\$143.00

TASK

Project Manager - Steven Siroky

Senior Construction Inspector - Cli
Bienvenue

CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES

Total from Labor Plan	48	240
SECTION 200 - GENERAL PROJECT ADMINISTRATION		
Task 110 - Invoices	0	0
Task 203 - Monitor Progress and Prepare Status Reports	0	0
Task 210 - Representation on Behalf of the City	0	0
Task 220 - Administer Construction Schedule	0	0
Task 230 - Review Contractor Submittals and Test Results	0	0
Task 240 - Issue Interpretations and Clarifications of Contractor	0	0
Task 250 - Certify Contractor Progress Payments	0	0
Task 260 - Substantial and Final Completion Inspection	0	0
Subtotal	0	0
SECTION 300 - ENGINEERING SERVICES DURING CONSTRUCTION		
Task 310 - Minor Changes, Change Order Requests, and RFI	0	0
Task 340 - Record Drawings and Project Documents	0	0
Task 350 - Permit Closeout	0	0
Subtotal	0	0
SECTION 400 - RESIDENT SERVICES DURING CONSTRUCTION		
Task 410 - Field Administration	40	0
Task 420 - On-Site Inspection and Review of Work	0	0
Task 450 - Punch List Review/ Project Completion	8	240
Subtotal	48	240
CA&I TOTAL	48	240

March 21, 2023
Proposal No. 12PHX02-05134

Mr. Marc Stern
Dibble CM
7878 North 16th Street, Suite 300
Phoenix, Arizona 85020

Subject: Proposal to Provide Materials Testing Services
 Chandler Boulevard and Dobson Road
 Chandler Blvd and Dobson Road
 Chandler, Arizona

Dear Mr. Stern:

Ninyo & Moore is pleased to present this proposal to provide materials testing services at the subject site. In preparation of this proposal we have reviewed the plans prepared by City of Chandler dated February 1, 2023. We understand that the project will consist of intersection sewer improvements and water main improvements. Additional improvements will include concrete flatwork, installation of underground utilities and asphalt paving. This proposal was prepared without the benefit of a construction schedule and is based on our assumptions as to the needed services.

SCOPE OF SERVICES

Based on the information stated above and our review of the earlier referenced project document, the following services are anticipated for this project:

- Field observation and in-place density testing during the earthwork operations.
- Field observation and testing of concrete and asphalt pavement.
- Laboratory testing of soil, concrete and asphalt.
- Project coordination, report review and data processing.

ESTIMATED FEE

We propose to provide our services on a time-and-materials basis in accordance with the attached Schedule of Fees. We estimate the fee for our services to be approximately \$15,000 (Fifteen Thousand Dollars). A breakdown of our fees is presented in the attached Table 1.

We look forward to working with you.

Respectfully submitted,
NINYO & MOORE



Ahmed M. Khattar
Project Manager



Craig Rees
Principal/Construction Services

AMK/ECR/tlp

Attachments: Table 1 – Breakdown of Estimated Fee
Schedule of Fees

Table 1 - Breakdown of Estimated Fee

Field Services

Field Technician Earthwork	75 hours	@	\$	59.00 /hour	\$	4,425.00
Field Technician Concrete	60 hours	@	\$	59.00 /hour	\$	3,540.00
Asphalt Field Technician	12 hours	@	\$	59.00 /hour	\$	708.00
Subtotal					\$	8,673.00

Laboratory Testing

Proctor Density	2 tests	@	\$	135.00 /test	\$	270.00
Gradation	2 tests	@	\$	120.00 /test	\$	240.00
Atterberg Limit	2 tests	@	\$	100.00 /test	\$	200.00
Asphalt Marshall Bulk Density	2 tests	@	\$	125.00 /test	\$	250.00
Maximum Theoretical Specific Gravity (Rice)	2 tests	@	\$	125.00 /test	\$	250.00
Asphalt Extraction/Gradation	2 tests	@	\$	200.00 /test	\$	400.00
Concrete Cylinders Compressive Strength	32 tests	@	\$	20.00 /test	\$	640.00
Subtotal					\$	2,250.00

Reimbursables

Equipment Usage: Concrete, Grout, Nuclear Gauge	147 hours	@	\$	10.00 /hour	\$	1,470.00
Field Vehicle Usage	147 hours	@	\$	10.00 /hour	\$	1,470.00
Subtotal					\$	2,940.00

Project Management and Data Processing

Project Engineer/Manager	10 hours	@	\$	115.00 /hour	\$	1,150.00
Data Processor	5 hours	@	\$	45.00 /hour	\$	225.00
Subtotal					\$	1,375.00

TOTAL ESTIMATED FEE					\$	15,238.00
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Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 140
Senior Engineer/Geologist/Environmental Scientist	\$ 125
Senior Project Engineer/Geologist/Environmental Scientist	\$ 115
Project Engineer/Geologist/Environmental Scientist	\$ 110
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 95
Staff Engineer/Geologist/Environmental Scientist	\$ 90
GIS Analyst	\$ 90
Technical Illustrator/CAD Operator	\$ 65

Field Staff

Certified EIFS/Asbestos/Lead Technician	\$ 115
Field Operations Manager	\$ 80
Nondestructive Examination Technician (UT, MT, LP)	\$ 85
Special Inspector (Structural Steel, Welding, Wood, Epoxy, Firestopping and Fireproofing)	\$ 75
Special Inspector (Concrete and Masonry)	\$ 70
Senior Technician	\$ 64
Technician	\$ 59

Administrative Staff

Geotechnical/Environmental/Laboratory Assistant	\$ 47
Information Specialist	\$ 47
Data Processor	\$ 45

Other Charges

Concrete Coring Equipment (includes technician)	\$ 190/hr
Anchor Load Test Equipment (includes technician)	\$ 190/hr
GPR Equipment	\$ 180/hr
Inclinometer	\$ 100/hr
Hand Auger Equipment	\$ 80/hr
Rebar Locator (Pachometer)	\$ 25/hr
Vapor Emission Kit	\$ 65/kit
Same Day Schedule Fee (Calling after 3 pm day before or same day)	\$ 250/ea
Equipment Usage	\$ 10/hr
PID/FID	\$ 25/hr
Field Vehicle Usage	\$ 10/hr
Direct Expenses	Cost plus 15 %
Special equipment charges will be provided upon request.	

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

The terms and conditions are included in Ninyo & Moore's Work Authorization and Agreement form.

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, T 89, T90	\$ 100
California Bearing Ratio (CBR), D 1883	\$ 450
Chloride and Sulfate Content, ARIZ 733, 736	\$ 100
Clay Expansion, FHA Swell	\$ 110
Consolidation, D 2435, T 216-94	\$ 250
Crumb Test Dispersion Test, D 4647	\$ 60
Direct Shear, D 3080, T236	\$ 350
Expansion Index, D 4829, UBC 18-2	\$ 120
Expansion Potential (Method A), D 4546	\$ 110
Hydraulic Conductivity, D 5084	\$ 300
Hydrometer Analysis, D 7928, T 88-93	\$ 200
Double Hydrometer Analysis, D 4221, T 88	\$ 400
Lime Determination, pH Method, D 62765	\$ 210
Standard Proctor Density, D 698	\$ 135
Standard Proctor Density Treated Soils, D 698	\$ 150
Modified Proctor Density Treated Soils, D 1557, T 180-93, T 99-94	\$ 175
Miller Box Resistivity	\$ 60
Moisture, Ash, & Organic Matter of Peat/Organic Soils	\$ 90
Moisture Only, D 2216, T 265	\$ 25
Moisture and Density, D 2937	\$ 35
Permeability, CH, D 2434, T 215	\$ 220
pH and Resistivity, ARIZ 236 c	\$ 100
Pinhole Dispersion Test, D 4647	\$ 245
R-value, D 2844, T 190	\$ 250
Sand Equivalent, D 2419, T 176	\$ 90
Sieve Analysis, D 6913	\$ 55
Sieve Analysis, C-136 (includes 200 wash), D 6913, D 1140	\$ 120
Solubility	\$ 80
Specific Gravity, D 854, T 100-93	\$ 85
Sulfate & Chloride Content	\$ 90
Swell Test, D 4546	\$ 290
Thermal Resistivity (ASTM 5334, IEEE 442)	\$ 800
Triaxial Shear, U.U., D 2850 per point	\$ 220
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	\$ 350
Triaxial Shear, C.D, D 4767, T 297 per pt	\$ 375
Unconfined Compression, D 2166, T 208	\$ 175

MASONRY

Brick Absorption, C 67	\$ 65
Brick Compression, C 67	\$ 30
Brick Moisture, C 67	\$ 30
CMU Block Compression Test, 8x8x16, C 140	\$ 75
CMU Block Moisture Content, C 140	\$ 70
Core Compression	\$ 35
Concrete Block Linear Shrinkage, C 426	\$ 150
Grout Prisms Compressive Strength, C 1019	\$ 40
Masonry Grout, 4x4x8 prism compression, UBC 21-18	\$ 22
Masonry Mortar, 2x4 cylinder compression, UBC 21-16	\$ 22
Masonry Prism, half size, compression, UBC 21-17	\$ 120
Mortar Cubes Compressive Strength, C 109	\$ 20

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A-36, A615	\$ 125
Fireproofing Density Test, UBC 7-6	\$ 50
Hardness Test, Rockwell, A-370	\$ 40
High Strength Bolt, Nut & Washer Conformance, set, A-325	\$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	\$ 80
Pre-Stress Strand (7 wire), A 416	\$ 150
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	\$ 85
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	\$ 100
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	\$ 80

CONCRETE

Concrete Core Absorption ASTM C 497 Method A	\$ 85
Concrete Core Compressive Strength, C 42, T 24-93	\$ 90
Concrete Coring Minimum Charge	\$ 300
Concrete Laboratory Mix Verification, excluding cylinders	\$ 300
Concrete Mix Design	\$ 2,000
Compression Tests, 4x8 Cylinder, C 39, T 22-92	\$ 20
Compression Tests, 6x12 Cylinder, C 39, T 22-92	\$ 25
Drying Shrinkage, C 157	\$ 300
Flexural Test, C 78	\$ 80
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	\$ 190
Lightweight Concrete Fill Compression, C 495	\$ 40
Measurement of Concrete Cores, ASTM C 174	\$ 20
Rapid Chloride Permeability, C 1202	\$ 425
Splitting Tensile Strength, C 496	\$ 95
Time of Setting of Cement by Vicat Needle, C 191	\$ 250

ASPHALT

Asphalt Mix Design Review	\$ 300
Asphalt Mix Design, 5 points, Tex	\$ 1,500
Asphalt Content/Gradation (Ignition Oven), T 308, D 6307	\$ 200
Bulk Density Lab Molded Samples, Tex 207F (per set)	\$ 50
Bulk Specific Gravity per specimen (non-absorptive), D 2726	\$ 25
Bulk Specific Gravity per specimen (coated), D 1188	\$ 45
Compressive Strength of Hot Mix Asphalt, T 167	\$ 275
Extraction, % Asphalt, including Gradation, D 2172, T 164-94	
T 30-93, Tex 210F	\$ 225
Hveem Stability and Unit Weight CTM or ASTM, CT 366	\$ 200
Hveem Stability, Tex 208F (per set)	\$ 90
Marshall Stability, Flow and Unit Weight, (set of 3) T 245-94	\$ 215
Marshall Mix Design	\$ 4,000
Maximum Theoretical Unit Weight, D 2041, CT 309, Tex 227F	\$ 125
Marshall Unit Weight, (set of 3) T 245-94	\$ 125
Tensile Strength Ratio D 4867, T283	\$ 350
Gyratory Unit Weight	\$ 200
SuperPave Mix Design	\$ 6,000

AGGREGATES

Absorption, Coarse, C 127	\$ 50
Absorption, Fine, C 128	\$ 75
Alkali Reactivity, C 1260	\$ 750
Alkali-Silica Reactivity, C 1567	\$ 750
Clay Lumps and Friable Particles, C 142	\$ 95
Fractured Faces, NDOT, T 2303, ARIZ 212e	\$ 140
Los Angeles Abrasion, C 131 or C 535	\$ 180
Moisture, C 566, T 255-92	\$ 25
Mortar make properties of fine aggregate, C 87	\$ 300
Organic Impurities, C 40	\$ 50
Sand Equivalent, D 2419, T 176	\$ 90
Sieve Analysis, Coarse Aggregate, C 136	\$ 110
Sieve Analysis, Fine Aggregate (included wash), C 136	\$ 110
Sodium Sulfate Soundness (per size fraction), C 88	\$ 240
Specific Gravity, Coarse, C 127	\$ 125
Specific Gravity, Fine, C 128	\$ 125
Unit Weight C 29, T 19	\$ 50

Special preparation of standard test specimens will be charged at the technician's hourly rate.

Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

March 21, 2023

Roger Teske PE
Resident Engineer

RE: General Survey Services – As Needed

Dear Mr. Teske:

SURVEY SCOPE OF SERVICES

DIBBLE is pleased to offer the following professional services proposal agreement to provide land surveying services for the project noted above.

A. Location Survey Services

1. DIBBLE will provide as needed survey of the phased construction of manholes for the Chandler project at Dobson Road and Chandler Boulevard C.O.C LOG NO. CIV22-0150
2. DIBBLE will use a combination of GPS, Robotic Total Station, and conventional leveling to gather said data
3. Perform field work to acquire the necessary data

B. Exclusion

1. As-built CAD files
2. Boundary information

C. Deliverables

1. Excel spreadsheet with as-built field measurements per trip

D. Schedule

As-needed services delivery will vary depending on date of request:

DIBBLE anticipates having the Scope of Services completed for review within **7** working days from the date of each specific request



E. Compensation

DIBBLE will provide the above scope of services for the **Time and Materials Fee Not to Exceed \$5,000** inclusive of travel, printing, shipping, etc.

Should additional work be required outside the scope of services noted above, said additional work will be mutually agreed to prior to commencing and billed hourly per our Standard Billing Rate Schedule.

We appreciate the opportunity to provide this proposal and look forward to working with you on this project.

Sincerely,



Jason P. Graham, RPLS
Survey Manager / Vice President
DIBBLE

Authorizing Agent

DIBBLE Survey Fee Proposal

Client:

Project: DIBBLE CM_Dobson Rd and Ch

Project #: N/A

Billing F

Requested by: R Teske

Prepared by: J Graham

DIBBLE Staff Hours By Task

Task Number	Task Descriptions	300-Land Surveyor Manager (RLS)	305-Land Surveyor (RLS)	310-Project Surveyor	150-CAD Technician	315-S Techn
	Field Operations					
	Survey Crew Site Visit (5)					
	Office Work					
	Processing Survey Data	1	1			
	STAFF HOURS TOTAL	1	1			5.

DIBBLE Labor Fee By Task

Task Number	Task Descriptions	300-Land Surveyor Manager (RLS)	305-Land Surveyor (RLS)	310-Project Surveyor	150-CAD Technician	315-S Techn
	Staff Billing Rates	\$ 190.00	\$ 170.00	\$ 122.00	\$ 119.00	\$ 1
	Field Operations					
	Survey Crew Site Visit (5)					
	Office Work					
	Processing Survey Data	\$190	\$170			\$6
	LABOR FEE TOTAL	\$190	\$170			\$6

Fee Summary

Item
Project Total Dibble Labor
Project Total Subconsultants
Project Total Direct Costs and Allowances
PROJECT COMPENSATION TOTAL