

## **RESOLUTION NO. 2015-043**

### **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROHNERT PARK AUTHORIZING AND APPROVING THE SECOND AMENDMENT TO THE DESIGN PROFESSIONAL SERVICES AGREEMENT RE: EASTSIDE TRUNK SEWER PHASE III AND SNYDER LANE WIDENING PROJECT NO. 2014-01 WITH GHD INC.**

**WHEREAS**, the City of Rohnert Park General Plan and Public Facilities Finance Plan describe the Eastside Trunk Sewer and Snyder Lane Widening as infrastructure necessary to support new development; and

**WHEREAS**, the City of Rohnert Park (City) has contracted with GHD Inc. (Consultant) for studies, design, and construction management support of the Eastside Trunk Sewer since 2004; and

**WHEREAS**, the City of Rohnert Park Municipal Code Title 3 Chapter 3.04 provides that the City's purchasing functions shall be governed by the city's purchasing policy; and

**WHEREAS**, consistent with the Purchasing Policy Section 3.6.6(D), and in accordance with City Council Resolution 2014-010 adopted on February 11, 2014, the City awarded the "Design Professional Services Agreement Re: Eastside Trunk Sewer Phase III and Snyder Lane Widening Project No. 2014-01" to Consultant in the amount of \$377,485.00 on a sole source basis due to their expertise and extensive knowledge of the Eastside Trunk Sewer; and

**WHEREAS**, because of changes to the project scope, most specifically the inclusion of the Community Center Parking Lot overlay with the scope, on July 8, 2014 by City Council Resolution 2014-076A, the City approved the First Amendment to the Design Professional Services Agreement Re: Eastside Trunk Sewer Phase III and Snyder Lane Widening Project No. 2014-01" with Consultant in the amount of \$ 117,392.00, bringing the total amount of the contract to \$494,880; and

**WHEREAS**, the City has requested additional modifications to Consultant's scope including additional traffic counts at the Rancho Cotate High School entrance, additional overlay on Snyder Lane between Southwest Boulevard and East Cotati Avenue, additional widening of Snyder Lane between Medical Center Drive and San Francisco Drive and the inclusion of design services during construction; and

**WHEREAS**, Consultant has provided a proposal for these additional services in the amount of \$546,408.00 bringing the total contract value to \$1,041,288.00, which includes \$218,093 in additional design services and \$328,315 in new design services during construction; and

**WHEREAS**, City staff has evaluated this proposal and finds that the proposed costs represent a reasonable proportion of the estimated construction costs; and

**WHEREAS**, the City's Finance Director has been authorized to make the appropriations necessary to cover these additional contract services.

**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of Rohnert Park that it does hereby authorize and approve the second amendment to the Design Professional Services Agreement RE: Eastside Trunk Sewer Phase III and Snyder Lane Widening Project No. 2014-01 with GHD Inc.

**BE IT FURTHER RESOLVED** that the City Manager is hereby authorized and directed to take all actions to effectuate this amendment for and on behalf of the City of Rohnert Park, including execution, if necessary, in substantially similar form to the amendment attached hereto as Exhibit "A," subject to minor modifications by the City Manager or City Attorney.

**DULY AND REGULARLY ADOPTED** this 10th day of March, 2015.



**CITY OF ROHNERT PARK**

Amy O. Ahanotu, Mayor

**ATTEST:**

JoAnne M. Buerger, City Clerk

Attachments: Exhibit A

CALLINAN: AYE MACKENZIE: AYE STAFFORD: AYE BELFORTE: AYE AHANOTU: AYE  
AYES: ( 5 ) NOES: ( 0 ) ABSENT: ( 0 ) ABSTAIN: ( 0 )

**EXHIBIT "A" TO RESOLUTION  
SECOND AMENDMENT TO THE DESIGN PROFESSIONAL SERVICES AGREEMENT  
WITH GHD, INC. FOR THE EASTSIDE TRUNK SEWER, PHASE III,  
AND SNYDER LANE WIDENING PROJECT NO. 2014-01**

This Second Amendment to the Design Professional Services Agreement with GHD Inc. for the Eastside Trunk Sewer Phase III and Snyder Lane Widening Project No. 2014-11 ("Second Amendment") between the City of Rohnert Park ("City") and GHD, Inc., ("Consultant") is entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2015, ("Effective Date"), by and between City and Consultant.

**RECITALS**

- A. City and Consultant are parties to that certain Agreement entitled "*Design Professional Services Agreement Re: Eastside Trunk Sewer, Phase III, and Snyder Lane Widening Project No. 2014-01*" dated February 11, 2014, and authorized through Resolution No. 2014-010 approved by the City Council on February 11, 2014, for the amount of \$377,485.00.
- B. City and Consultant entered into a First Amendment to the Agreement dated July 8, 2014, and authorized through Resolution No. 2014-076A, which increased value of the agreement by \$117,392 for a maximum of \$494,880.00, primarily to cover increased design services associated with adding the Community Center Parking Lot Overlay to the project.
- C. City and Consultant now desire to enter into this Second Amendment to provide for additional work as described below.

**AGREEMENT**

**NOW, THEREFORE**, in consideration of the following mutual promises, the parties hereby amend the Agreement as follows:

- 1. Scope of Services. In addition to the services provided under the Agreement and the First Amendment, Consultant shall provide additional design services, bid services and services during construction as described in the attached Exhibit A.
- 2. Compensation. Consultant shall perform the services described in this Second Amendment for a total not-to-exceed amount of \$546,408.00, thus increasing the total not to exceed amount of the Agreement to \$1,041,288.00.
- 3. Agreement in Effect. Except as amended by the First and Second Amendments, the Agreement shall remain in full force and effect.
- 4. Counterpart Signatures. This Second Amendment may be signed in multiple counterparts which, when signed by all parties, shall constitute a binding agreement.

IN WITNESS THEREOF, the parties have executed this Second Amendment as of the date first written above.

**CITY OF ROHNERT PARK:**

**GHD, INC.:**

By: \_\_\_\_\_ / \_\_\_\_\_  
Darrin Jenkins, City Manager (Date)  
Per Resolution No. 2015-\_\_\_\_ adopted by the Rohnert Park  
City Council at its meeting of March 10, 2015

By: \_\_\_\_\_ / \_\_\_\_\_  
Name: \_\_\_\_\_ (Date)  
Title: \_\_\_\_\_

By: \_\_\_\_\_ / \_\_\_\_\_

**ATTEST:**

Name: \_\_\_\_\_ (Date)  
Title: \_\_\_\_\_

\_\_\_\_\_  
JoAnne M. Buergler, City Clerk

**APPROVED AS TO FORM:**

\_\_\_\_\_  
City Attorney



EXHIBIT A to  
Amendment 2

February 9, 2015

Ref: 8411099

Ms. Mary Grace Pawson, PE  
City Engineer  
City of Rohnert Park  
130 Avram Avenue  
Rohnert Park, CA 94928

**RE: Eastside Trunk Sewer Phase 3 and Snyder Lane Widening  
Amendment 2 – Additional Services and Scope**

Dear Mary Grace,

GHD is pleased to submit the following proposed amendment for professional engineering services for the Eastside Trunk Sewer (ESTS) Phase 3 and Snyder Lane Widening Project (the "Project"). This proposal includes additional services and scope (project area) for the project's design phase that were identified during project development and coordination with adjacent projects. The proposal is based on our current understanding of the project from our work on this phase of the trunk sewer and road widening, the project design criteria and specifications prepared for ESTS Phase 2, and recent discussions with City staff.

Due to timing constraints for project construction, this proposal also includes bid and construction phase services, which are also based on our current understanding of the project. Construction phase services include engineering services (i.e., submittal and RFI review). Construction management and inspection is not covered under this proposal.

**Project Understanding**

The Project is at the hub of extensive ongoing development and upcoming construction activity in this part of the City. Because of this dynamic, the project has evolved during development to include additional scope, additional tasks, and further engineering analysis to better coordinate with the other projects and understand the ultimate project functionality.

For example, the project limits have expanded to the north and south, expanding the overall scope. The timing of the project and synchronization with other projects (PG&E Rule 20, UD Development, etc.) have required that some elements of the project be accelerated (tree removal, storm drain installation, PG&E gas coordination), expanding overall tasks and coordination efforts. The City has also requested that supplemental analysis be performed to better understand project operations (traffic counts and modeling).

In addition to the scope and services noted above, the steps have increased as well. Due to the complexity of the project, the increasing scope of work, and the formal peer review process, a 100% project submittal was included in the project delivery schedule prior to the 75% project submittal review.

These various items have been captured, as closely as possible under the following tasks and new tasks to this contract are noted as "new task":

- Task 2 Environmental Compliance and Permitting
- Task 5 Supplemental Survey



- Task 6 Preparation of Plans, Specifications, and Estimates
- Task 7 Project Management and QAQC
- Task 8 Outreach and Coordination
- Task 10 Supplemental Traffic Engineering (new task)
- Task 11 Bid Phase Support Services (new task)
- Task 12 Engineering Services During Construction (ESDC) (new task)
- Task 13 Tree Removal Package (new task)

A description of the project understanding for the NEW scope of work for Task 10, Supplemental Traffic Engineering, Task 11 Bid Phase Support Services, and Task 12 ESDC are provided below. The understanding of the original tasks still remains and is substantially the same; only the key augmentations for those existing tasks are noted here.

## **Scope of Services**

### **Task 2 Environmental Compliance and Permitting**

Additional efforts include the following tasks:

- bat habitat assessment for removal of trees during a "non-window" tree removal operation
- update of the CEQA document for work on the west side of the bridge in Copeland Creek

### **Task 5 Supplemental Survey**

Additional efforts include the following tasks:

- survey reference staking for placement of boxes/pads for Rule 20 (school parcel)
- update of the topo with additional information from UD
- additional survey for north transition

### **Task 6 Preparation of Plans, Specifications, and Estimates**

Additional efforts include the following tasks:

- preparation of 100% submittal package (between scoped 90% and final submittals); includes civil, structural, electrical, traffic, hydraulic, landscape architecture, geotech, CAD,
- structural design of the west-side matching barrier and wingwalls at Copeland Creek
- overlay of the southbound lanes of Snyder between Southwest Blvd and East Cotati Ave
- additional design for northerly transition and active pedestrian crossing
- water services

### **Task 7 Project Management and QAQC**

Additional efforts include the following tasks:

- management related to extensive coordination with adjacent projects
- management related to development and completion of additional scope of work items
- evaluation related to pre-purchase of materials and outreach to vendors
- management and QAQC of 100% submittal

### **Task 8 Outreach and Coordination**

Additional efforts include the following tasks:

- Original scope of work for PG&E coordination included the Rule 20 undergrounding effort; it was subsequently determined during the work on the Brookfield storm drain trunk in Snyder that additional coordination with PG&E for gas distribution line relocation along Snyder Lane in coordination with the project's gas crossing relocation was required. This triggered a gas conflict



review site-wide. Efforts also include introduction of a casing in our project to allow the gas crossing to be done on the City's construction schedule.

- Original scope of work for PG&E coordination included the Rule 20 undergrounding; subsequently it was determined that additional coordination with PG&E for unforeseen electrical distribution work north of channel was required
- PG&E has had three points of contact for the Rule 20 project since the start. Additional coordination meetings and time was required to walk the site and educate the point of contact about the project scope, schedule and issues.
- additional coordination with school regarding easements (staking of easements)

## **Task 10 Supplemental Traffic Engineering**

### **10.1 Traffic Counts**

In order to verify the adequacy of the proposed intersection and access changes to Rancho Cotate High School, new existing traffic counts will be collected, adapted to the revised access configuration, and analyzed. Future volumes will be forecast based on the consolidated traffic data for the three eastside specific plans based on new traffic data at the project intersections and driveways. GHD will collect new peak hour traffic counts at 5 project specific locations, during three peak periods (am, midday, pm). Including;

Snyder Lane at:

1. North Rancho Cotate High Driveway
2. Camino Corto
3. Drop-off Exit
4. Drop-off Entry
5. Southwest Blvd

### **10.2 Intersection Geometry and Control Evaluation**

Following the collection of existing data, GHD will validate and redistribute the project traffic based on the proposed design and access configuration. GHD will verify the adequacy of the various intersection design elements, including the intersection phasing, geometry, and left-turn pocket lengths for existing conditions.

Using the consolidated traffic report for the 3 eastside specific plans, traffic conditions will be forecast to the cumulative future year (2040) to validate the intersection geometry and control design.

The findings of the evaluation will be presented in a technical memo along with the traffic counts.

## **Task 11 Bid Phase Support Services**

### **11.1 Prepare Draft Staff Report**

Prepare draft staff report (approx. 20 days prior to bid opening) for the City's use when awarding the project.

### **11.2 Prepare Project Addenda**

Prepare addenda (up to 2) using the City's addendum form and distribute to all known plan holders. The City will post the addenda on the City website. See the fee estimate for the assumed level of effort for this task.

### **11.3 Prepare Notice to Bid**



Prepare advertisement for bids and submit Notice to Bidders to the local newspaper (Community Voice) and the City's five local Trade Journals/Plan Check Houses approx. 30 calendar days prior to the bid opening. Any costs charged by the Community Voice and/or the Trade Journals/Plan Check Houses will be covered directly by the City (direct bill to the City; not included in GHD project fee estimate).

#### **11.4 Bid Document Duplication and Distribution**

Duplicate and distribute bid packages to local building exchanges and Contractors/sub-Contractors. Maintain list of plan holders. Collect payment for bid packages to offset duplication costs.

The fee estimate associated with this scope of services includes an initial purchase of twelve (12) bid packages (one spiral or screw bound bid document accompanied by one full-size (22x34) paper plan set) to use for distribution from GHD's office and/or distribution to builder's exchanges. Additional bid package requests from plan holders will be handled on an on-demand basis (additional copy(ies) to be made following request).

#### **11.5 Attend Pre-Bid Meeting and Site Walk**

Attend one pre-bid meeting at the City office and a site walk to field questions from interested parties. GHD will prepare a written record of attendance and items discussed.

This scope of services assumes that the City will also attend the pre-bid meeting and site walk and be available along with the GHD project team in attendance to answer questions from attendees.

Comments and questions received during the pre-bid meeting and site walk may form the basis for sending out an addendum. This will be discussed by the City and GHD following the meeting.

#### **11.6 Respond to Plan Holder Questions and RFI's**

Respond to questions from plan holders and document the responses. Depending on the nature of the questions received, responses may be verbal over the phone or incorporated into an addendum.

#### **11.7 Prepare Conformed Construction Documents**

Incorporate addenda into conformed set of plans and specifications. This scope of services only includes CAD revision for noting "Conformed", or similar, on the plans.

The fee estimate for this task includes reproduction of four (4) complete conformed PS&E sets to be retained by GHD for use during the construction phase by the design and CM teams, as well as two (2) copies for the City and six (6) copies for the contractor.

##### *Deliverables:*

- Stamped/Signed full-size Conformed Plans (8 copies for City/Contractor)
- Stamped/Signed, Conformed Specifications with addenda (8 copies for City/Contractor)
- CD electronic copy of Conformed Plans and Specifications

#### **11.8 Bid Result Tabulation**

Attend public bid opening at the City office. Verify completeness of bid packages. Tabulate bid results and provide letter of Recommendation of Award (staff report) to the City.

This scope of services assumes that the City will organize the bid opening and open the bids.





*Deliverables: Bid Notice and advertisement; Addenda; Bid Tab; and Letter of Recommendation of Award (staff report).*

## **Task 12 Engineering Services During Construction (ESDC)**

### **12.1 Attend Partnering/Pre-Construction Meeting**

The project manager, lead project engineer, landscape lead and geotechnical lead will attend the partnering/pre-construction meeting at City offices. It is assumed that this task will be completed in a single day.

### **12.2 Review Contractor Submittals**

GHD will provide review and comments for technical submittals required per the contract documents. Submittals will be logged, checked for completeness, and issued for review by the City's representative, and all review comments by GHD will be submitted directly to the City's representative using a standard written format. In general, incomplete submittals will be immediately rejected. The budgeted amount of labor for GHD is based on an average of 4 hours per submittal and a total of 75 submittals. For budgeting purposes, approximately 33% of the submittals are assumed to require re-submittal and is an estimate only.

The budgeted amount of labor for Jacobs is based on review of 8 original submittals and up to 4 related resubmittals for a total of up to 12 submittal reviews. Quadriga's effort for landscape architecture includes assistance on up to 10 submittals.

Actual requirements, including the time required for each submittal review, could vary. If the budgeted effort may be exceeded, GHD will notify the City and provide a proposal for the revised estimated effort.

Note: Submittals are assumed to be packaged and coordinated per the Contract Documents (i.e., shoring, soil stabilization, and dewatering submitted together and coordinated; traffic, pedestrian, and bicycle control submitted together and coordinated).

### **12.3 Review Contractor RFI's/RFC's**

GHD will respond to formal Requests for Information (RFI's) and Requests for Clarification (RFC's) issued by the City's representative. Routine RFI's/RFC's that do not relate to design intent are assumed to be handled by the City's representative. All RFI's/RFC's sent to GHD will be logged, documented, and communicated to GHD using a standard written format. The budgeted amount of labor is based on an average of approximately 6 hours per RFI/RFC, plus administrative and clerical time, and 40 RFIs/RFCs and is an estimate only.

The budgeted amount of labor for Jacobs is based on review of 4 geotechnical-related RFI's/RFC's. Quadriga's effort for landscape architecture assistance assumes up to 4 RFI's/RFC's.

Actual requirements, including the time required for each RFI/RFC review, could vary. If the budgeted effort may be exceeded, GHD will notify the City and provide a proposal for the revised estimated effort.

### **12.4 Construction Changes**

GHD will review proposed construction change orders involving design intent and provide design services to implement the change orders at the request of the City. It is assumed that proposed change orders will be issued by the City's representative using a standard written format, and that GHD will respond directly



to the City's representative. The budgeted amount of labor is based on an average of 16 hours per construction change order, plus administrative and clerical time, and a total of 8 change orders and is an estimate only.

Actual requirements could vary, including the time required for each construction change. If the budgeted effort may be exceeded, GHD will notify the City and provide a proposal for the revised estimated effort.

GHD will maintain a status log for change order requests on a daily basis as necessary.

#### **12.5 Construction Meetings**

GHD will attend various construction and progress meetings during the course of construction. GHD's project manager and/or lead engineer will generally attend the meetings, with other staff attending when appropriate. The budgeted amount of labor is based on attendance at 15 meetings and is an estimate only.

GHD will also attend a punchlist walkthrough prior to substantial completion.

#### **12.6 Construction Phase Consultation**

GHD will provide consultation to the City and the City's representative during the Project. Work is anticipated to include the following:

- Response to informal RFIs that do not necessitate a formal RFI process;
- Consultation for the implementation of mitigation and permit-related construction issues; and
- Consultation related to handling of potentially or known contaminated soil and/or groundwater.

#### **12.7 Periodic Geotechnical Observations of Construction**

Jacobs Associates (GHD subconsultant) will provide periodic observations of geotechnical-related construction, including during start-up of key elements such as dewatering well construction, trenching, soil stabilization, placement of foundation material, pipe bedding and embedment, CLSM, and trench backfilling. During the site visits, Jacobs will observe and document the progress of work, conformance of subsurface geotechnical conditions (soils and groundwater) as encountered by the contractor with those described in the project geotechnical report(s), and conformance of contractor work with reviewed submittals. The budget for this task is based on a 15-month construction schedule, and includes making up to six (6) site visits. Observations reports will serve as reporting documentation for the project; there is no budget allowance to prepare a final summary report.

#### **12.8 Prepare Record Drawings**

GHD will incorporate as-built markups provided by the Contractor and provide the City with one set of record drawings meeting the Section E requirements for "as-built" drawings.

#### **12.9 Project Management and Coordination**

GHD will coordinate with the City and the construction manager, including subconsultants, in providing engineering support during the construction phase of the project. Effort will include: budget and schedule tracking; project and contract oversight; coordination/communication with the City; and monthly progress reports. The budget for this task is based on 8 hours per month during a 15-month construction schedule, plus administrative time.



This task does not include preparation/review of submittals, RFI/RFC's, and change order request logs. Those, and other tasks, are included under the various other ESDC tasks above.

### **Task 13 Tree Removal Package**

#### **13.1 Tree Removal PS&E and Bid Phase Support**

In order to meet the overall project schedule and complete the work in front of Rancho Cotate High School, approximately 67 trees along the easterly project frontage required removal.

Work includes preparation of plans, specifications and estimate for removal of the trees. Services also include coordination with the School District, bat habitat consultant, utilities, and City Staff. GHD to provide bid phase services as an extension of staff: reach out to four contractors, solicit bids, respond to bidder questions, hold pre-bid meeting, prepare notes, contact lumber mill for delivery pre-authorization, and provide schedule coordination with stakeholders and City.

Subtasks included the following:

- preparation of the tree removal plans, specifications and estimate
- project management of tree removal process
- attend meetings
- bid phase support services
  - contact contractors
  - host pre-bid walk
  - respond to contractor questions

#### **Assumptions**

- GHD will not be responsible for site safety at any construction site;
- GHD and its subconsultants should be named as additional insured under the contractor's liability insurance; and
- Contractor and/or City will be responsible to provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Bid Documents. Testing associated with alternate materials (e.g., import aggregate used in lieu of CLSM) will also be the Contractor's responsibility.

#### **Services Not Included**

The following services are not included in the scope of work:

- Preparation of permit application documents. The Scope of Services assumes that the Contractor will prepare and submit all permit applications and administer all permit requirements for the project;
- Preparation of additional Bid Documents or Contract Documents for alternate bids or prices requested by the City for the project or a portion thereof;
- Preparation of CEQA documentation;
- Public outreach;
- Construction staking, surveying, and testing;
- Construction observation and inspection services, including specialty inspections, other than those services specifically included in the Scope of Services;
- Preparation of record drawings; and



- Other services performed or furnished by GHD not otherwise provided herein for the Scope of Services.

### **City Responsibilities**

In addition to other responsibilities of the City as set forth in the Scope of Services, the City shall at its expense:

- Attend the partnering/pre-construction meeting, and other job related meetings;
- Provide third-party construction management;
- Provide labor compliance as required by project funding, permit requirements, or other project requirements not provided in GHD's Scope of Services;
- Provide certified appraiser and negotiate easements with various property owners if/as necessary;
- Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Bid Documents, or to evaluate the performance of materials, equipment, and facilities of the District, prior to their incorporation into the work with appropriate professional interpretation thereof; and
- Provide GHD with the findings and reports generated by the entities providing services to the City.

### **Project Schedule**

The project schedule has been updated throughout project development and discussed with City staff. At this stage, it is anticipated that the next submittal, the 100%, will be made on February 19, 2015.

The UD Development has already started construction within the limits of this Project, and PG&E is anticipated to start construction in March or April 2015. Our project is on track for start of construction in June 2015, with a 15-month construction duration.

### **Project Team**

The following GHD/team personnel are assigned as project or technical leads for this project:

- Project Director – Matt Winkelman, PE
- Project Manager – Bill Silva, PE, QSD
- Lead Engineer – Steve Grupico, PE, LEED AP
- Landscape Architect – Bill Mastic (Quadriga)
- Geotechnical Engineer (Utilities)– Dru Nielson, PG, CEG (Jacobs Associates)
- Geotechnical Engineer (Roadway/Paving) – Eric Chase, PG (RGH)

### **Fee Estimate**

The estimated fee for professional services for the Scope of Services (Tasks 2, 5, 6, 7, 8, 10, 11, and 12) is \$546,408. The budget estimate is provided in the attached fee spreadsheet. In total, the bid and construction phase budgets represent approximately 4.1 percent of the anticipated project construction cost. Industry average is between 3-5 percent. A similar check for the design services: the total contract for design, permitting, and coordination/project management is 8.7% of the construction cost. This is within the 7-10% range typically held in the industry for design services alone. Given the complexity of



this project, the high level of coordination with the University District and High School, and the coordination of the underground utilities district, the higher percentage would be anticipate.

### **Closing**

Please don't hesitate to contact me if you have any questions regarding the scope of work. I can be reached at (707) 523-1010. Thank you for the opportunity to serve the City of Rohnert Park.

Sincerely,  
GHD Inc.

A handwritten signature in black ink, appearing to read "William Silva", written in a cursive style.

**William Silva P.E.**

Project Manager  
(707) 523-1010

Attachment:      Fee Estimate Spreadsheet



## ATTACHMENT 1 - GHD PROJECT FEE ESTIMATING SHEET

Project Name: Eastside Trunk Sewer Phase 3 and Snyder Lane Widening - AMENDMENT 2

Prepared by: Bill Silva

Reviewed by: Matt Winkelman

Job Number: 8411099

EXHIBIT B to

Amendment 2

Client: City of Rohnert Park

Date: February 9, 2015

		LABOR COSTS																		FEE COMPUTATION								
	LABOR CATEGORY >  RATE >	PD \$185 /Hr	QA/QC \$225 /Hr	Constr. Review \$190 /Hr	Project Manager \$210 /Hr	Sr. Proj. Engr. \$185 /Hr	Proj. Engr. \$145 /Hr	Public Outreach \$125 /Hr	Snr Traffic \$185 /Hr	Struct. Eng \$155 /Hr	Staff Eng II \$130 /Hr	Staff Eng I \$115 /Hr	Senior Geologist \$155 /Hr	Senior Planner \$145 /Hr	Planner / Scientist \$115 /Hr	LLS \$140 /Hr	2-Person Crew \$280 /Hr	CAD \$125 /Hr	Admin/ Graphics \$100 /Hr	TOTAL HOURS	*OTHER DIRECT COSTS	SUB Valerius / Tatarian Env/Bio	SUB Counts Unlimited Traf Cts	SUB Jacobs Associates Geotech	SUB RGH (CM Contract)	SUB Quadriga LA	TOTAL FEE	
TASK 2 Environmental Compliance and Permitting																												
2.1 Permitting - (Bat Habitat Assessment/Mitigation Plan/etc)					2									16	30					8	56	\$336	\$5,500					\$12,826
2.2 Specification Review (no change)																				0	\$0							\$0
2.3 CEQA Addendum (new)														40	70					16	126	\$756						\$16,206
SUBTOTAL TASK 2		0	0	0	2	0	0	0	0	0	0	0	0	56	100	0	0	0	0	24	182	\$1,092	\$5,500	\$0	\$0	\$0	\$0	\$29,032
TASK 5 Supplemental Surveys																												
5.1 Supplemental Survey Efforts					4		10									24	8	16		62	\$564							\$10,454
SUBTOTAL TASK 5		0	0	0	4	0	10	0	0	0	0	0	0	0	0	16	8	16	0	62	\$564	\$0	\$0	\$0	\$0	\$0	\$0	\$10,454
TASK 6 Preparation of Plans, Specifications, and Estimates																												
6.1 Prepare 75% PS&E (no change)																				0								\$0
6.2 Prepare 90% PS&E		6			16		40		16	24		16						40	12	170	\$2,020					\$1,900		\$28,910
6.21 Prepare 100% PS&E (new)		20	24		64	24	100		30	12	40	30						110	16	470	\$3,820					\$5,037		\$81,747
6.3 Prepare Final PS&E		4			16	12	20		4			8						20	8	92	\$1,552					\$600		\$16,332
6.4 Submittal Review Meetings		2			2		2		2											8	\$48					\$150		\$1,648
SUBTOTAL TASK 6		32	24	0	98	36	162	0	52	36	40	54	0	0	0	0	0	170	36	740	\$7,440	\$0	\$0	\$0	\$0	\$7,687		\$128,637
TASK 7 Project Management and QAQC																												
7.1 Project Management and QAQC (100%/new work/etc)		4	0	8	50	4	4											8	8	86	\$516					\$200		\$16,596
SUBTOTAL TASK 7		4	0	8	50	4	4	0	0	0	0	0	0	0	0	0	0	8	8	86	\$516	\$0	\$0	\$0	\$0	\$200		\$16,596
TASK 8 Outreach and Coordination																												
8.1 School District Coordination					4		2												2	8	\$48							\$1,378
8.2 PG&E and Utilities Coordination		3			32		16											12	1	64	\$384							\$11,579
8.3 Adjacent Owner Outreach					2		2													4	\$24							\$734
SUBTOTAL TASK 8		3	0	0	38	0	20	0	0	0	0	0	0	0	0	0	0	12	3	76	\$456	\$0	\$0	\$0	\$0	\$0		\$13,691
TASK 10 Supplemental Traffic Engineering (new)																												
10.1 Traffic Counts							2		3											5	\$30			\$1,650				\$2,525
10.2 Intersection Geometry and Control Evaluation					1		2		14		15							2		34	\$204							\$5,494
SUBTOTAL TASK 10		0	0	0	1	0	4	0	17	0	15	0	0	0	0	0	0	2	0	39	\$234	\$0	\$1,650	\$0	\$0	\$0	\$0	\$8,019
TASK 11 Bid Phase Support Services (new)																												
11.1 Prepare Draft Staff Report					3	3								1						7	\$42							\$1,372
11.2 Prepare Project Addenda			2	2	16	12	20		4	2	2				2			16	8	86	\$516							\$14,166
11.3 Prepare Notice to Bid					2		4													6	\$36							\$1,036
11.4 Bid Document Duplication and Distribution							4												20	24	\$2,544							\$5,124
11.5 Attend Pre-Bid Meeting and Site Walk					4	4	4													12	\$72							\$2,232
11.6 Respond to Plan Holder Questions and RFI's					2	2	8													12	\$72			\$1,700		\$2,400		\$6,122
11.7 Prepare Conformd Construction Documents			1		2		16											24	16	59	\$2,754							\$10,319
11.8 Bid Result Tabulation		1	1		1	1	8													12	\$72							\$2,037
SUBTOTAL TASK 11		1	4	2	30	22	64	0	4	2	2	0	0	1	2	0	0	40	44	218	\$6,108	\$0	\$0	\$1,700	\$0	\$2,400		\$42,408
TASK 12 Engineering Services During Construction (ESDC) (new)																												
12.1 Attend Partnering/Pre-Construction Meeting					6	6	6													18	\$108				\$1,200			\$4,548
12.2 Review Contractor Submittals (up to 75)			36		40	70	320		16	24									75	581	\$3,486				\$5,500			\$99,016
12.3 Review Contractor RFIs/RFC's (up to 40)		10	10		20	60	100			24								20	40	284	\$1,704				\$6,500			\$52,324
12.4 Construction Changes (up to 8)		4	6		24	20	60											20	10	144	\$864							\$23,894
12.5 Construction Meetings (up to 15)					30	20	45												8	103	\$618				\$3,900			\$21,843
12.6 Construction Phase Consultation		4			40	30	50		4	4			4	16		4				156	\$936					\$4,800		\$32,536
12.7 Periodic Geotechnical Observations of Construction																				0	\$0				\$3,900			\$3,900
12.8 Prepare Record Drawings							16											120		136	\$816							\$18,136
12.9 Project Management and Coordination		12			108														15	135	\$810				\$2,500			\$29,710
SUBTOTAL TASK 12		30	52	0	268	206	597	0	20	52	0	0	4	16	0	4	0	160	148	1557	\$9,342	\$0	\$0	\$23,500	\$0	\$4,800		\$285,907
TASK 13 Tree Removal Package (new)																												
13.1 Tree Removal PS&E and Bid Phase Support (new)		4	4		32		8					2			2			4	8	64	\$384							\$11,664
SUBTOTAL TASK 13		4	4	0	32	0	8	0	0	0	0	2	0	0	2	0	0	4	8	64	\$384	\$0	\$0	\$0	\$0	\$0		\$11,664
Contingency																												
Contingency																				0	\$0							\$0
CONTINGENCY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT TOTALS		74	84	10	523	268	869	0	93	90	57	56	4	73	104	20	8	412	271	3,024	\$ 26,136	\$ 5,500	\$ 1,650	\$ 25,200	\$ -	\$ 15,087	\$ 546,408	

\*OTHER DIRECT COSTS include telephone, mileage, printing, photocopies and other miscellaneous direct expenses.