CITY OF ALBUQUERQUE

April 15, 2009

Martin J. Chávez, Mayor

Smith Engineering
Mr. Pat Conley, P.E.
2201 San Pedro, N.E.
Building 4, Suite 200
Albuquerque, New Mexico 87110

RE: City Wide On Call Engineering Services for Hydrology
(Bell-Commercial Pump Station & Force Main Feasibility Study - NTP #5)

Dear Mr. Conley:

In accordance with your agreement (A/E Job No. 7513-01) dated November 20, 2008, your firm is hereby issued authorization to perform services as described in paragraph A.1 of Exhibit I of your agreement.

The specific services falling under this authorization are the scope of services as specified under your letter dated March 18, 2009.

This authorization is for twenty-five thousand and one hundred six dollars and thirty-three cents ($25,106.33) excluding NMGRT.

Sincerely,

John H. Kolessar, P.E.
Acting Deputy Director
Department of Municipal Development

c: John Curtin, Project Manager
Dan Dunne, Program Coordinator

Activity #7359030

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

Smith Engineering Company

A Full Service Engineering Company

March 18, 2009

Mr. John Curtin, PE
City of Albuquerque DMD Hydrology
PO Box 1293
Albuquerque, NM 87103

Re: Hydrology On-Call Engineering Services, 109104 E
Bell and Commercial Pump Station and Force Main Feasibility Study, Rev. 1

Dear Mr. Curtin:

Smith Engineering Company (SEC) is submitting this proposal to provide engineering services for the referenced project. Our understanding of the scope of work is as follows:

- Meet with COA Hydrology Division as required during the design.
- Request and obtain as-builts from the COA.
- Request private utility drawings.
- Obtain City/County mapping for the report.
- Meet with and coordinate with private utilities regarding conflicts.
- Coordinate with the NMDOT and the railroad regarding crossing the existing rail yard.
- Prepare sketches of the proposed improvement – This effort will include a conceptual plan-and-profile sheet for the project showing known conflicts and vertical and horizontal alignment.
- Prepare a conceptual cost estimate.
- Pick up review comments from the COA.

SEC will deliver a letter report, sketches, and conceptual cost estimate for the project to the COA hydrology as the deliverable. This work will be completed on a time-and-materials basis not to exceed twenty-five thousand, one hundred six and 33/100 dollars ($ 25,106.33) not including applicable taxes. We have attached a spreadsheet of our estimated hours and costs for completing the study. If you have any questions, please call us at 884-0700.

Sincerely,

Smith Engineering Company

Patrick J. Conley, PE
Project Manager

cc: File

2201 San Pedro Drive, NE
Building 4, Suite 200
Albuquerque, NM 87110
PatC@secnm.com
Telephone 505/884-0700 Fax 505/884-2376

City of Albuquerque Hydrology On-Call

Date: **3/18/2009 Rev. 1**
Project **Bell and Commercial pump Stationa and Force Main Feasibility Study**
SEC #: 109104 E

	Discipline: / Labor Category:	Principal	Eng IV	Eng III	Eng II	Eng I	Eng Assoc III	Eng Assoc II	Eng Assoc I	CAD Tech II	Admin Asst III
	Hourly Rate	$63.00	$57.23	$48.82	$43.77	$40.40	$38.27	$33.67	$30.30	$26.93	$21.88
	PROJECT MANAGEMENT										
1	Scoping	3									
2	Project Management		6								6
	Hours by Labor Category:	**3**	**6**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**
	Unburdened Cost by Labor Category:	**$189.00**	**$343.38**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$131.28**
	Burdened Cost (times 2.97 multiplier) by Labor Category	**$561.33**	**$1,019.84**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$389.90**
	Burdened Cost for Phase of Work	**$1,971.07**									
	FEASIBILITY STUDY										
1	Meet wiht COA hydrology	2	12								
2	Request and get as-builts from COA		2						6		
3	Request utility drawings from private companies		2						4		
4	Obtain City/County mapping		1						1		
5	Coordinate with private utilites		8						12		
6	Coordinate with NMDOT for rail yards		8								
7	Coordinate with railroad for rail yards		8								
8	Size pump station incl. potential power requirements		8			8	12				
9	Prepare sketches of option using COA mapping		16						32		
10	Prepare cost estimate		6			8			12		
11	Pick up COA comments		6						4		
	Hours by Labor Category:	**2.0**	**77.0**	**0.0**	**0.0**	**16.0**	**12.0**	**0.0**	**71.0**	**0.0**	**0.0**
	Unburdened Cost by Labor Category:	**$126.00**	**$4,406.71**	**$0.00**	**$0.00**	**$646.40**	**$459.24**	**$0.00**	**$2,151.30**	**$0.00**	**$0.00**
	Burdened Cost (times 2.97 multiplier) by Labor Category	**$374.22**	**$13,087.93**	**$0.00**	**$0.00**	**$1,919.81**	**$1,363.94**	**$0.00**	**$6,389.36**	**$0.00**	**$0.00**
	Burdened Cost for Phase of Work	**$23,135.26**									
	TITLE II										
1											
	Hours by Labor Category:	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	Unburdened Cost by Labor Category:	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Burdened Cost (times 2.97 multiplier) by Labor Category	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Burdened Cost for Phase of Work	**$0.00**									
	TITLE III										
1											
2											
	Hours by Labor Category:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Unburdened Cost by Labor Category:	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Burdened Cost (times 2.97 multiplier) by Labor Category	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Burdened Cost for Phase of Work	**$0.00**									
	Total Burdened Cost by Labor Category	**$935.6**	**$14,107.8**	**$0.0**	**$0.0**	**$1,919.8**	**$1,363.9**	**$0.0**	**$6,389.4**	**$0.0**	**$389.9**
	Subconsultants										
1											
2											
3											
	TOTAL SUB-CONSULTANTS COST:	**$0.0**									

RE-CAP	
PROJECT MANAGEMENT	$1,971.07
FEASIBILITY STUDY	$23,135.26
TITLE II	$0.00
TITLE III	$0.00
Sub-total for SEC	**$25,106.33**
Subconsultants	$0.00
TOTAL INCLUDING SUB-CONSULTANTS	**$25,106.33**