

Resolution 16-120

RESOLUTION TO AUTHORIZE THE EXECUTION OF CHANGE ORDER 3 TO CONTRACT NUMBER 38, MONROE STREET PUMPING STATION AND FORCE MAIN AND MORRIS AVENUE GRAVITY SEWER

WHEREAS, the Rockaway Valley Regional Sewerage Authority (hereinafter the "Authority") entered into Contract 38 for the construction of the Monroe Street Pumping Station and Force Main and Morris Avenue Gravity Sewer with Tomar Construction Services, Inc., 6 Spruce Meadows Drive, Monroe, New Jersey (hereinafter the "Contractor"); and

WHEREAS, certain additions to the contract tasks are required to be made, namely, relocation of existing potable water utilities as necessary for the installation of the Harrison Street grinder pump station; and

WHEREAS, the Contract includes an allowance item for "environmental work" that may become necessary, including environmental sampling of soils, removal and disposal of contaminated soils, environmental fees and costs, however, as more specifically set forth in the attached correspondence dated November 16, 2016 (revised & corrected), from Mark A. Bean, P.E., CGP, LEED AP FIGP, Principal Engineer, (Kleinfelder) to the Authority's Manager of Engineering, Carrie D. Feuer, P.E., the vast majority of work that could have necessitated work under this Bid Item has been successfully completed, and to date, there has been no need to perform work under this Bid Item, warranting a reallocation and credit reclaiming a portion of the allowance item for "environmental work" for use as general contingency funds for Change Order work, subject to NJDEP approval; and

WHEREAS, by email dated November 14, 2016, David Helfrich, NJDEP advised that, "Building costs and change order work are generally paid from the building cost line item until this line item is expended. The contingency line item could then be used to cover any additional or other associated costs;" and

WHEREAS, the changes referred to in the above referenced correspondence are formalized in the Contract Change Order No. 3, dated November 22, 2016, and inclusive of this Change Order, the cost of all Change Orders is a net credit of \$64,344.40, which represents -1.48% of the original Contract cost, as follows:

Item #	Description	Cost
1	Harrison Street Grinder Pump Utility Relocation	\$38,121.60
2	Partial Reclamation of Bid Item 5	(\$300,000.00)
	Total Change Order Cost	(\$261,878.40)

WHEREAS, the Authority has reviewed the Contract Change Order attached hereto and made a part hereof, and is satisfied that it meets the requirements of N.J.A.C. 5:30-11.3, and

WHEREAS, funds are available therefore from line item EIT-38.

NOW, THEREFORE, BE IT RESOLVED by the Rockaway Valley Regional Sewerage Authority as follows:

1. Subject to receipt of New Jersey Department of Environmental Protection approval, the Authority hereby approves Change Order No. 3 in the amount of (\$261,878.40).
2. Upon receipt of New Jersey Department of Environmental Protection approval, the Executive Director is hereby authorized and directed to execute a Contract Change Order substantially in the form as that attached hereto, in the foregoing amount.
3. This Resolution shall take effect as provided by law.

CERTIFICATION

I hereby certify that this Resolution was adopted at a Special Meeting of the Rockaway Valley Regional Sewerage Authority held on November 22, 2016.

On motion of Glenn Corbett

Second by Michael Guadagno

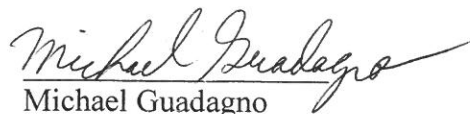
And a Roll Call Vote as Follows:

Yeas: (7) Andes, Cegelka, Corbett, Guadagno, Lowell, Rossi and Schorno

Nays: (0) None

Abstain: (1) Recchia

Absent: (2) Secco and Vincitore


Michael Guadagno
Board Secretary



November 16, 2016 (revised & corrected)

Via Email & Copy Via USPS

Ms. Carrie D. Feuer, P.E.
Manager of Engineering
Rockaway Valley Regional Sewerage Authority
RD #1, 99 Greenbank Road
Boonton, New Jersey 07005-9602

**RE: MONROE STREET PUMPING STATION & FORCE MAIN AND
MORRIS AVENUE GRAVITY SEWER
RVRSA CONTRACT NO. 38; NJEIT LOAN PROJECT S340821-06
CHANGE ORDER RECOMMENDATION – CO #3:
PART 1 – HARRISON STREET GRINDER PUMP STATION UTILITY RELOCATION
PART 2 – PARTIAL RECLAMATION OF BID ITEM 5 – ALLOWANCE FOR
ENVIRONMENTAL WORK**

Dear Ms. Feuer:

Pursuant to our inspections and consequent negotiations with the Contractor, Tomar Construction Services, Inc. (Tomar), Kleinfelder is recommending that the Authority approve Change Order #3 in the *credit* amount of **\$261,878.40** to effect the relocation of existing potable water utilities as necessary for the installation of the Harrison Street grinder pump station as well as reclaim a significant portion of the Contract's unused Allowance for Environmental Work. Background and other pertinent information related to this item of Additional Work, to share with your Infrastructure Committee and your larger Board of Directors, is presented below.

PART 1 – Harrison Street Grinder Pump Station Utility Relocation

Background

A new grinder pump station is scheduled to be installed at the end of Harrison Street. This small pump station will collect the flow from a small number of homes on the downslope end of Harrison Street (approaching the steep slope/cliff to the river) and pump the flow uphill to an existing gravity sewer that will convey this flow to the new Monroe Street Pumping Station. Re-direction of this flow is necessary so that the section of the existing Jersey City Trunk Line between Monroe Street and the new tie-in/terminus of the new force main from the new Monroe Street Pumping Station at Lincoln Street can be abandoned (thus enabling the tie-in of the new force main).

Contract Requirements

The Contract Documents illustrate installation of the pumping station within the existing roadway, on the south side of the street (south of the existing gravity sewer) proximate to the end of the driveway for the last house on the street (47 Harrison Street). The Contract Documents illustrate existing utilities (both water and natural gas) as being located on the north side of the street and sufficiently clear of the illustrated installation location for the new pump station.

Actual Conditions & Work Contemplated

The required utility mark-out (prior to beginning work) revealed that the existing 2" gas line is actually located on the south side of Harrison Street and, further, runs directly through the location illustrated for installation of the new pump station. An existing 8" water main, a 6" fire hydrant line, and two (2) 1" water services (for 47 & 51 Harrison Street) are located on the north side of the street. The wetwell for the pump station that will be installed is approximately 13 feet deep, which will necessitate a sizeable excavation that would impact nearby utilities. Similarly, the Work will also restrict access to the driveway of 47 Harrison Street for several days. While it would be possible to install temporary plates to cover the excavation and afford access during non-working hours, the homeowners not only expressed their general discontent, but also indicated that they would require access to and from their driveway at multiple times throughout the course of the work day. Due to the nature and location of the work required, such would not be possible.

After a review of the situation in the field with the Contractor, the Town of Boonton, and Mr. John Miller, P.E. (Boonton's consulting engineer), it was decided that the most reasonable course of action would be to pursue installation of the pump station on the north side of the street. Installation on the north side would necessitate only relocation of existing water utilities, which the Contractor could self-perform, in specific accordance with Boonton's requirements, for the cost subsequently indicated. It would also eliminate the access issues with regard to 47 Harrison Street.

Perpetuating installation on the south side (as shown on the Contract Documents) would necessitate relocation of the existing gas main and the gas service to 47 Harrison Street, which would need to be performed by the gas company (New Jersey Natural Gas). New Jersey Natural Gas has provided a quotation for the relocation work in the amount of \$33,245.79 (copy attached), which is within 13% of the price proposed by the Contractor to relocate the water utilities on the north side of the street. While the cost to relocate the gas utilities is marginally less expensive, New Jersey Natural Gas has indicated that they cannot perform the work sooner than 4 – 6 weeks from approval. The potential cost for delay from the Contractor for this **critical path work** would be far in excess of the possible savings to be realized versus relocation of the water utilities on the north side of the street. It is also important to note that gas utility relocation would prolong and exacerbate access issues with regard to 47 Harrison Street, and, further, would also necessitate digging up and patching both the sidewalk in front of the residence as well as a portion of the resident's driveway. A final point that should also be considered is the



location of the new force main from the pump station. If the station is to be installed as shown on the Drawings, the force main would run parallel to and within 1' – 2' of the portion of the existing gas main that is not relocated for a distance of approximately 150'. Aside from the fact that it is generally not recommended that new utilities be installed in a location that makes future access difficult or dangerous, the installation of the new force main along the design alignment at the depth required would likely necessitate special excavation measures as well as temporary support of the gas line, both of which have the potential to result in a request for a change order from the Contractor.

Accordingly, it is recommended that the pump station be installed in the north side of the street. Adjusting the installed location of the pump station will necessitate relocation of some of Boonton's water utilities. The additional work contemplated will entail:

1. Removal of an existing fire hydrant with appurtenant valve and 6" water line.
2. Removal of approximately 50 lf of 8" water line.
3. Installation of an 8" line stop in the 8" water line.
4. Removal of existing water services to 47 and 51 Harrison Street and installation of wet taps and new water services for same.
5. Installation of a new fire hydrant with appurtenant valve and 6" water line.
6. All excavation, backfill, compaction, and asphalt paving required.
7. Bacterial testing and reporting.

It is important to note that this Change Order contemplates only the relocation of utilities necessary for installation of the pump station. It does not contemplate any changes to the actual pump station, which will be addressed in a subsequent change order.

Cost and Contract Time

The proposed cost for this Additional Work is **\$38,121.60**. The cost was heavily negotiated and represents a 43% savings compared to the Contractor's initial proposal (which was itemized in accordance with existing, approved rates, bid unit price costs, etc.). Copies of the original and final/accepted proposals are attached. The proposed cost includes all material, equipment, and labor as well as Contract-allowable percentages for overhead and profit (OH&P). As a frame of reference, the cost for this Additional Work constitutes **0.87%** of the original Contract cost. Kleinfelder has reviewed the submitted cost and has found it acceptable.

With regard to Contract Time, the Contractor is requesting 4 (four) days of additional time for this Work. Based on the time anticipated to complete the Work, this would appear to be a reasonable request. The Contractor is not seeking any additional time for delay.



PART 2 – Partial Reclamation of Bid Item 5 (Allowance for Environmental Work)

Background

The Contract includes an allowance item for “environmental work” that may become necessary while prosecuting the work under the Contract. Such work could include environmental sampling of soils, removal and disposal of contaminated soils, environmental fees and costs, etc.

Contract Requirements

This is an allowance item under the Contract Documents. There are no explicit contract requirements or specifications for performance of Work under this Bid Item.

Actual Conditions & Work Contemplated

To date, there has been no need to perform work under this Bid Item. Similarly, the vast majority of work that could have necessitated work under this Bid Item has been successfully completed.

As only minor work remains that would have the potential to require environmental work under this allowance, it is recommended that the majority of the allowance be reclaimed and an amount appropriate to the remaining work and potential use of the allowance remain in place. The reclaimed allowance monies can then be utilized as contingency funds for Change Order work (subject, of course, to NJDEP approval).

Cost and Contract Time

There is no cost associated with this change, as it represents a **\$300,000.00 credit** to the Contract Price. Bid Item 5 is currently \$400,000.00. After execution of this Change Order, \$100,000.00 will still remain in the allowance for possible future use as intended. The \$300,000.00 credited from the Contract can be internally re-allocated to contract contingency to enable the funds to be put to their most appropriate use.

No change to the Contract Time is associated with this Change.



Cost Summary

<i>Part #</i>	<i>Description</i>	<i>Cost</i>
1	Harrison Street Grinder Pump Utility Relocation	\$38,121.60
2	Partial Reclamation of Bid Item 5	(\$300,000.00)
TOTAL COST (CREDIT)		(\$261,878.40)

Funds Availability

As you are aware, the Project is funded through a loan by the New Jersey Environmental Infrastructure Trust. As such, your total loan amount includes a contingency in the amount of 5% of the total Contract cost. Your original Contract cost for this project is \$4,359,223.00. Based on this amount, your total loan amount includes a contingency in the amount of \$217,961.15. To date, two (2) Change Orders have been approved, in the total amount of \$197,534.00. Accordingly, \$20,427.15 of contingency funds remain, which is not sufficient to fund this Additional Work. However, the re-allocation of the reclaimed \$300,000.00 adequately adjusts the contingency to cover the Additional Work.

Inclusive of this Change Order, the cost of all Change Orders is a ***net credit*** of **\$64,344.40**, which represents **-1.48%** of the original Contract cost. Based upon the progress of the project to date, remaining work to be completed, and the potential for future Change Order work (inclusive of anticipated substantial credit change orders) to present itself, it is anticipated that sufficient contingency funds (**\$282,305.55**) will remain even after approval/execution of this Change Order.

The Work and cost re-allocations anticipated by this Change Order fit the purpose and description of Work typically allowable and acceptable by NJDEP under the contingency and projects funded through the NJEIT.

It is our understanding that this Change Order is due for more formal discussion and possible approval at the Authority's upcoming meeting, as an urgent matter, on November 22, 2016. Kleinfelder will make itself available to facilitate discussion and assist you and the Directors at that time should you request such assistance.

It is our recommendation that the Authority draft and execute a resolution formally authorizing this Change Order and adjusting the Contract Amount from its current amount of \$4,556,757 to a new amount of **\$4,294,878.60**. Kleinfelder has also completed NJDEP's "Contract Modification Proposal and Acceptance" form (Form CCS-002) and has attached same for RVRSA's endorsement. Once it is endorsed by RVRSA, Kleinfelder will similarly endorse and seal the form, route it to the Contractor for his signature, and then submit a completed package for processing by NJDEP/NJEIT.



It is our pleasure to be of continued service to the Authority in the administration of this important construction contract. Should you have any questions or require any further information, please do not hesitate to contact me directly via telephone at (609) 454-4570 or via email to mbean@kleinfelder.com.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Bean".

Mark A. Bean, P.E., CGP, LEED AP, FIGP
Principal Engineer

Enclosures:

NJDEP/NJEIT Form CCS-002
Contractor's accepted proposal for water utility relocation work
Contractor's original proposal for water utility relocation work
New Jersey Natural Gas proposal for gas utility relocation

c: J. Mondsini – Executive Director, RVRSA
S. Allen - RVRSA
T. Bradley, w/o enclosure
2045U, w/enclosure

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

1. ISSUING OFFICE Rockaway Valley Regional Sewerage Authority	2. PROJECT NO. S340821-06	3. CONTRACT NO. 38	4. MODIFICATION NO. Number 3
5. TO (CONTRACTOR) Tomar Construction Services, Inc. 18 Connerty Court, Suite B East Brunswick, NJ 08816		6. PROJECT LOCATION AND DESCRIPTION RVRSA Contract 38: Monroe St. Pumping Station and Force Main & Morris Ave. Gravity Sewer Boonton, NJ	

7. A proposal is required for making the hereinafter described change in accordance with specification and drawing revisions cited herein or listed in attachment hereto. Submit your proposal in space indicated on page 2, attach detailed breakdown of prime and sub-contract costs (See the clause of this contract entitled, "Changes". DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed).

11/22/2016JoAnn Mondsini, Executive Director

Date

Type Name and Title

Signature

8. DESCRIPTION OF CHANGE: Pursuant to the clause of this contract covering changes, the contractor shall furnish all labor and material, and all work necessary to accomplish the following described work:

1. Provide labor, material, and equipment to relocate existing water utilities as necessary for the relocation and installation of the wetwell for the Harrison Street Grinder Pump Station due to conflicts with existing gas utilities not shown on the Contract Documents.
2. Partial reclamation of Bid Item 5 – Allowance for Environmental Work as work potentially contemplated by this allowance has not been realized.

As a result of the above, the contract price is revised as follows:

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST
1	Harrison St. Grinder Pump Station Utility Relocation	\$38,121.60	Lump Sum	\$38,121.60
2	Partial Reclamation of Bid Item 5 (credit)	(\$300,000.00)	Lump Sum	(\$300,000.00)

TOTAL COST OF THIS MODIFICATION \$ -261,878.40

The contract time is hereby: increase ☒ decrease ☐ or remains the same ☐ by 4 calendar days as a result of this modification.

The foregoing modification is hereby accepted:

CONTRACTOR	OWNER	(NJPE SEAL)	ENGINEER
BY: Vijay Thomas	BY: JoAnn Mondsini, Exec. Director	BY:	Mark A. Bean, P.E.
DATE: November 22, 2016	DATE: November 22, 2016	DATE:	November 22, 2016

APPROVAL:

STATE OF NEW JERSEY

DATE

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

9. ISSUING OFFICE Rockaway Valley Regional Sewerage Authority	10. PROJECT NO. S340821-06	11. CONTRACT NO. 38	12. MODIFICATION NO. Number 3
13. CONTRACTOR'S PROPOSAL – CHANGE IN CONTRACT PRICE (Detailed breakdown, attach additional sheets as necessary)			
(Proposed) Please See Attached – Affixed to Change Order Recommendation by Mark A. Bean of Kleinfelder dated November 16, 2016 (revised & corrected).			
NET INCREASE \$ _____	NET DECREASE \$ <u>261,878.40</u> _____	CALENDER DAYS INCREASE <u>4</u> DAYS	
DATE: November 22, 2016	TYPE NAME AND TITLE: Vijay Thomas, Project Manager	SIGNATURE:	

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

14. ISSUING OFFICE & PROJECT NO. Rockaway Valley Regional Sewerage Authority S340821-06	15. CONTRACT NO. 38	16. MODIFICATION NO. Number 3
17. ORIGINAL CONTRACT BID PRICE \$ <u>4,359,223.00</u> TOTAL OF PREVIOUS CHANGE ORDERS \$ <u>197,534.00</u> TOTAL CONTRACT COST INCLUDING CHANGE ORDERS ... \$ <u>4,294,878.60</u>		
18. NECESSITY FOR CHANGE AND REASON FOR OMISSION FROM PLANS AND SPECIFICATIONS: Please see attached Change Order Recommendation by Mark A. Bean of Kleinfelder dated November 16, 2016 (revised & corrected).		
19. OTHER IMPACTS RESULTANT OF THIS CHANGE: None.		
20. RESUME OF NEGOTIATIONS OR RECOMMENDATIONS (Loanee's Representative) : Please see attached Change Order Recommendation by Mark A. Bean of Kleinfelder dated November 16, 2016 (revised & corrected).		
DATE: November 22, 2016	TYPE NAME AND TITLE OF LOANEE'S REPRESENTATIVE: Mark A. Bean, P.E., CGP, LEED AP, FIGP Principal Engineer Kleinfelder	SIGNATURE:



TOMAR CONSTRUCTION LLC

18 CONNERTY COURT, EAST BRUNSWICK, NJ 08816

Tel # 732 238 0700, Fax # 732 238 0701

www.tomarconstruction.com

November 9, 2016

Via Email

Mark Bean
Kleinfelder
321 Wall Street
Princeton, NJ 08540

Re: Rockaway Valley Regional Sewerage Authority
Monroe St Pumping Station, Force Main, and Morris Ave Gravity Sewer – Contract 38
Proposal for Change Order #10 – Harrison Street Modifications

Dear Mr. Bean:

After the recent utility markouts for the excavation work to be completed at Harrison Street, it has been revealed that there are existing utility lines in conflict with the location of the grinder station installation. In order to handle these conflicts, the following modifications of existing Harrison Street utilities will be completed.

1. Provide new water service (QTY 2)
2. Provide new insertion valve water stop (QTY 1)
3. Provide new fire hydrant (QTY 1)

This additional work will provide the necessary space for installation of the new grinder station. All excavation/compaction, soil removal, backfill, and asphalt trench restoration of the road is included.

Please review and process accordingly.

Thank you.

Very truly yours,

Vijay Thomas
Project Manager

c. Thomas G. Mottackal, Tomar
Matt Kurian, Tomar

TOMAR CONSTRUCTION LLC
 18 CONNERTY COURT
 EAST BRUNSWICK, NJ 08816
 TEL: (732) 238-0700
 FAX: (732) 238-0701

We are pleased to submit the following estimate for the additional work
Project: Rockaway Valley Regional Sewerage Authority, Contract 38 Monroe St Pumping Station, Force Main, and Morris Ave Gravity Sewer
Additional Work: Proposal for Change Order #11 - Harrison Street Modifications

Ref.	Description	Material			Labor			Equip./Subcontract			Total Cost	
		Unit	Qty	Rate	Cost	Labor Hours (LH)	Total LH	Total Cost	#QTY	Rate		Cost
1	Harrison Street Modifications											
1.1	Furnish and Install New 3/4" Water Services to include: wet tap / new corp / new 3/4" copper / new curb stop & curb box	EA	2						2	4880.00	9760	\$9,760.00
1.2	Furnish and Install Insertion Valve Line Stop	LS	1						1	7240.00	7240	\$7,240.00
1.3	Furnish and Install New fire hydrant with required items	LS	1						1	11880.00	11880	\$11,880.00
	Cost of Additional Work				\$0.00			\$0.00			\$28,880.00	\$28,880.00
	10% Overhead Subcontractor's Fee per Contract 38 Article XXXI-a											
	10% Profit Subcontractor's Fee per Contract 38 Article XXXI-a											
	10% Contractor's Fee per Contract 38 Article XXXI-c											
	Total Proposal Cost	\$38,121.60										

Abbreviation:

Ea = each, CY = cubic yards, LS = lump sum, SF = square feet, SY = square yard, T= tons, Da= Day

TBD - To Be Determined, SC = Substantial Completion

Estimated Increase in Contract Time (Breakdown)

Description of Activities	Start Date	Stop Date
Change Order	11/14/2016	11/17/2016
Total additional Time	+ 4 Days	
Concurrent delay	0	
Additional/Increase in contract duration beyond SC date	+4 Days	

We hope that this proposal will meet with your approval and a contract modification issued to facilitate procurement of the materials and proceed with the additional work.

Sincerely,

Vijay Thomas

Vijay Thomas, Project Manager

TOMAR CONSTRUCTION LLC
 18 CONNERTY COURT
 EAST BRUNSWICK, NJ 08816
 TEL: (732) 238-0700
 FAX: (732) 238-0701

ORIGINAL PROPOSAL

We are pleased to submit the following estimate for the additional work
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Ref.	Description	Material			Labor			Equip./Subcontract			Total Cost
		Unit	Qty	Rate	Cost	Labor Hours (LH)	Total LH	Total Cost	QTY	Rate	Cost
1	New Water Service for 47 & 51 Harrison St., Boonton, NJ										
1.1	Equipment: Excavator @ 200/hr, 924 Loader @ 100/hr, Dump truck @90/Hr and Trench Compactor @ 40/Hr (Total 430/Hr)	LS	1						8	430.00	3440
1.2	Labor	LS	1			32	32	2746.3987			
1.3	3/4" Copper Pipe	LF	80	5	400						
1.4	Curb Stop with box	EA	2	175	350				2	4880.00	9760
1.5	Earthwork Excavation from 0 to 8 FT	CY	35						35	40	1,400.00
1.6	DGA	CY	30						30	25	750.00
1.7	HMA Base Course 6" Thk	SY	27						27	65	1,755.00
2	Insertion Valve - Line Stop										
2.1	Furnish and Install Insertion Valve Line Stop	LS	1						1	7240.00	7240
3	New Fire Hydrant										
3.2	Equipment: Excavator @ 200/hr, 924 Loader @ 100/hr, Dump truck @90/Hr and Trench Compactor @ 40/Hr (Total 430/Hr)	LS	1						16	430.00	6880
3.3	Labor	LS	1			64	64	5492.7974			
1.3	Furnish Fire hydrant	LS	1	2571.42	2571.42						
	Furnish 6" Valve with Valve Box	LS	1	790.49	790.49						
1.4	Furnish 6" Pipe, Fittings and Accessories	LS	1	723.84	723.84				2	4880.00	9760
3.4	Earthwork Excavation from 0 to 8 FT	CY	35						35	40	1,400.00
3.5	DGA	CY	30						30	25	750.00
3.6	HMA Base Course 6" Thk	SY	27						27	65	1,755.00
	Cost of Additional Work				\$4,835.75			\$8,239.20			\$44,890.00
	10% Overhead Subcontractor's Fee per Contract 38 Article XXXI-a										\$5,796.49
	10% Profit Subcontractor's Fee per Contract 38 Article XXXI-a										\$5,796.49
	10% Contractor's Fee per Contract 38 Article XXXI-c										\$6,876.74
	Total Proposal Cost										\$75,644.19

Abbreviation:

Ea = each, CY = cubic yards, LS = lump sum, SF = square feet, SY = square yard, T= tons, Da= Day

TOMAR CONSTRUCTION LLC
 18 CONNERTY COURT
 EAST BRUNSWICK, NJ 08816
 TEL: (732) 238-0700

ORIGINAL PROPOSAL

Ref.	Description	Material			Labor		Equip./Subcontract			Total Cost
		Unit	Qty	Rate	Cost	Labor Hours (LH)	Total LH	QTY	Rate	Cost

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We hope that this proposal will meet with your approval and a contract modification issued to facilitate procurement of the materials and proceed with the additional work.

Sincerely,

Vijay Thomas

Vijay Thomas, Project Manager

SANITARY TO GRINDER PLUG
 INSERTA-LOK OR EQUAL. F
 MANHOLE TO DIRECT FLOW
 3. CONTRACTOR TO COORDINATE
 CURRENTLY CONNECTED TO

DEMOLISH SIDEWALK
 FURNISH SEED AND
 ESTABLISH GRASS

1 1/4" HDPE SDR-9
 PUMP DISCHARGES (2)
 SEE NOTE 4 ABOVE

NEW ELECTRICAL
 CABINET

EXISTING FIRE
 HYDRANT TO BE
 REPLACED WITH
 NEW HYDRANT IN
 A DIFFERENT
 LOCATION.

LINE STOP -
 INSERTION VALVE
 TO BE INSTALLED.

WATER SERVICES
 TO BE RELOCATED.
 RESTORED IF DAMAGED
 DURING CONSTRUCTION

WET WELL VENT IN
 SAME TRENCH AS CONDUIT

CORE DRILL EXIST.
 MH FOR NEW OUTLET
 (SEE NOTE 2)

INSTALL CONCRETE
 PLUG AT EXISTING
 MH OUTLET
 (SEE NOTE 2)

3" PVC SDR 35
 S=13.33%

DUPLEX
 GRINDER
 PUMPING
 STATION

EXISTING GAS LINE
 IN CONFLICT WITH
 GRINDER STATION
 INSTALLATION

SKETCH OF HARRISON STREET MODIFICATIONS - CHANGE ORDER #10
 11/9/2016



To: Joseph W. Schwarz, IV, PE
321 Wall Street
Princeton, NJ 08540

November, 14, 2016

Re: Gas Facility Relocation Request

NJNG Contact:
Kyle Rauth-Project Engineer
(732) 919-8016

Dear Mr. Schwarz:

In response to your request for New Jersey Natural Gas (NJNG) to relocate our facilities on Harrison St., Boonton, NJ, please note the following:

- The upgrade/relocation work includes the retirement of the existing 5/8" plastic gas service, installation of new 1/2" plastic gas service, and installation of 60' of 2" plastic gas main on Harrison Street due to conflict with proposed manhole excavation. NJNG estimates this work will cost **\$33,245.79**. This estimate is based on information currently available, including any documentation provided by you. Actual costs for completion of this work may be more or less than the estimated amount and are defined as including but not limited to: labor, material, overhead, restoration, any and all other direct or indirect costs incurred by NJNG for the aforementioned work.
- NJNG requires that you read and sign the agreement below and return it with your payment in the amount of **\$16,622.90**, representing one half of the estimated costs for this work, to the address above, care of Kyle Rauth, Project Engineer. Once received, NJNG will schedule the work. Note: work to be scheduled no sooner than 4-6 weeks due to prior commitments.

****Agreement****

I acknowledge and agree that it is in our interest to have certain natural gas facilities belonging to NJNG, relocated to accommodate work at the above location. I hereby agree to reimburse NJNG for NJNG's costs to relocate their facilities.

I acknowledge that the actual costs for the relocation can only be estimated at this time. I further acknowledge that actual relocation costs may be higher or lower than the estimate provided by NJNG. In either event, I will reimburse NJNG for the actual costs once determined. I agree to forward the balance of money due under this agreement within ten (10) working days of receipt of a final invoice from NJNG which will reflect the actual cost for the relocation work, less any advance payments.

I explicitly agree and consent to the above and hereby assert that I have entered into this Agreement willingly and with full knowledge that my consent to reimburse NJNG hereunder is a legally enforceable obligation.

I, _____, have explicit authority to make this agreement and bind Kleinfelder to its terms. I have read NJNG's cost estimate for the relocation work described above and I understand and agree to the terms herein.

Signature

Date

Title

Company Name

Mailing Address

FOR NJNG USE ONLY

NJNG Work Order Number(s): 9730819 / 9730859 Payment Received Date: _____

Payment Amount: _____

NJNG Service Order Number(s): TBD Received By: _____