



**Southeast Florida Governmental Purchasing
Cooperative Group**

CONTRACT AWARD

Please complete each of the applicable boxes and submit with bid documents, award notices and tabulations to lpiper@myboca.us for placement on the NIGP SEFL website Cooperative contract page.

PAGE 1 OF 2

BID/RFP No. _____

Description/Title: _____

Initial Contract Term: Start Date: _____ End Date: _____

Renewal Terms of the Contract: _____ Renewal Options for _____
(No. of Renewals) (Period of Time)

Renewal No. _____ Start Date: _____ End Date: _____

Renewal No. _____ Start Date: _____ End Date: _____

Renewal No. _____ Start Date: _____ End Date: _____

SECTION #1 VENDOR AWARD

Vendor Name: _____

Vendor Address: _____

Contact: _____

Phone: _____ Fax: _____

Cell/Pager: _____ Email Address: _____

Website: _____ FEIN: _____

VENDOR AWARD

Vendor Name: _____

Vendor Address: _____

Contact: _____

Phone: _____ Fax: _____

Cell/Pager: _____ Email Address: _____

Website: _____ FEIN: _____

VENDOR AWARD

Vendor Name: _____
Vendor Address: _____
Contact: _____
Phone: _____ Fax: _____
Cell/Pager: _____ Email Address: _____
Website: _____ FEIN: _____

VENDOR AWARD

Vendor Name: _____
Vendor Address: _____
Contact: _____
Phone: _____ Fax: _____
Cell/Pager: _____ Email Address: _____
Website: _____ FEIN: _____

VENDOR AWARD

Vendor Name: _____
Vendor Address: _____
Contact: _____
Phone: _____ Fax: _____
Cell/Pager: _____ Email Address: _____
Website: _____ FEIN: _____

SECTION #2 AWARD/BACKGROUND INFORMATION

Award Date: _____ Resolution/Agenda Item No.: _____
Insurance Required: Yes _____ No _____
Performance Bond Required: Yes _____ No _____

SECTION #3 LEAD AGENCY

Agency Name: _____
Agency Address: _____
Agency Contact: _____ Email _____
Telephone: _____ Fax: _____

City of Tamarac
Interoffice Memorandum
Financial Services Department
PURCHASING DIVISION

To: Michael C. Cernech, City Manager
From: Keith K. Glatz, Purchasing & Contracts Manager
Thru: Christine J. Cajuste, Interim Director of Financial Services
Date: September 8, 2020
Re: Temp Reso #13501 – Award of Agreement – Bid #20-21B, “Furnish, Deliver and Discharge of Quicklime”

Recommendation:

The Director of Public Services and Purchasing and Contracts Manager recommend placement of the above referenced item on the consent agenda of the September 23, 2020 Commission meeting, authorizing the award of an Agreement for an initial three (3) year term effective November 1, 2020 through October 31, 2023, with up to three (3) one year renewal options, authorizing a quarterly material adjustment for Quicklime purchased from Lhoist North America of Alabama, LLC, (Lhoist) for the City of Tamarac, and twenty-three (23) additional member agencies of the Southwest Florida Governmental Purchasing Cooperative (Co-op); and Carmeuse Lime and Stone Inc. for high calcium granular quicklime on behalf of one entity in the Co-op.

Issue:

The existing agreement with Lhoist for the City and the SE Florida Governmental Purchasing Co-op; as well as an existing agreement with Carmeuse Lime and Stone is set to expire on October 31, 2020. New bid #20-21B was recently solicited, and an award needs to be approved so that the City will have a vendor to furnish, deliver and discharge quicklime at the City’s Water Treatment Plant.

Background:

The City utilizes quicklime in the Public Services Water Treatment Plant. The current agreement with Lhoist will expire on October 31, 2020, and due to some requested industry-wide market structural changes, we were unable to exercise any of the original contract renewal options. Price adjustments under this agreement utilize several market indices, including several U. S. Government indices, such as those issued by the Bureau of Labor Statistics, as well as several industry-accepted privately published indices. As a result of market conditions, the existing formula models were not accounting for actual labor costs incurred by all of the firms in the Quicklime market, but our contract language did not provide the necessary flexibility to account for the modification of the pricing model. Regarding the model factors that were adjusted, the change with the greatest impact was the adjustment of the labor index used which was factoring only actual labor wages, and did not to include a factor for fringe benefits. This omission has created significant stress on the contractors, especially after benefit costs began to significantly

escalate a few years ago. There was also a change to the reporting location for diesel fuel from West Texas to the Gulf Coast, since pricing in that region has tended to be more stable. Finally, Lhoist was able to leverage a reduction in transportation costs through the use of privately-owned rail cards rather than contracting with a public rail line.

The new Agreement provides language that will allow the City to review and modify model changes in the future. Accordingly, bid #20-21B was solicited by formal advertisement in the Sun Sentinel, publication on the City's web-site via Bids and Tenders, as well as on DemandStar.com. There were three (3) planholders that downloaded the bid, however, only two bids were submitted from Lhoist and Carmeuse Lime and Stone. The bid response submitted by Lhoist provided the lowest pricing for all but one item on the bid. As a result, it is being recommended that the bid from Lhoist be awarded, and an Agreement executed on behalf of the City of Tamarac and on behalf of an additional twenty-three (23) participating governmental agencies Co-op.

The bid response from Carmeuse Lime and Stone Inc. provided the lowest pricing for high calcium granular lime used by the City of Hollywood Wastewater treatment plant. The cost savings for the City of Hollywood by awarding one item to Carmeuse Lime and Stone will be approximately \$500,000 annually, justifying the split award.

The initial term of the Agreement will be for three (3) years, beginning on November 1, 2020, with up to three (3) additional one (1) year renewals that may be exercised based on satisfactory performance.

Section 5 of the Agreement provides that prices may be adjusted on a quarterly basis each October 1st, January 1st, April 1st and July 1st if the vendor is able to provide substantive documentation to support the request for increase. The Agreement utilizes a contract adjustment model providing for pricing adjustments on a quarterly basis subject to verification of actual cost changes for labor, raw materials (lime) production materials (coal) and fuel pricing. As mentioned earlier, the model utilized previously has been modified to account for industry-wide changes; however, it should be noted that the contract is structured in such a manner that we may see reductions in certain quarters, which has been our experience in the past, which often occurs due to reductions caused by de-escalating fuel and raw materials costs. Staff and other agencies in the Co-op feel that our ability to maintain better control of costs has been significantly enhanced through the institution of the current model. The pricing bid by both Lhoist and Carmeuse Lime and Stone reflects an approximate increase of 11% for Lhoist and 4% for Carmeuse.

As in past years, the marketplace for Quicklime in South Florida is still very volatile. While production capacities have increased, and fuel costs for both production and transportation have been generally lower, our quicklime suppliers have been forced to purchase some of their raw materials from further away, which has increased their overall raw materials and transportation costs. The use of the quarterly model for price adjustments has actually resulted in a great deal of price stability for the City and other Co-op Lhoist Lime users, as our current price of \$252.69 per delivered ton is very attractive by comparison to recent current pricing being charged by Lhoist in this area as shown in Chart 1 below for entities that require Lhoist to provide stable annual pricing. The reason for the disparity between our pricing and the pricing charged to other entities is that Lhoist and other suppliers must factor in a higher level of contract risk in order to maintain firm pricing. Additionally, pricing can actually decrease as well for both the material and delivery cost, as demonstrated in Chart 2 shown below.

Chart 1 -- Current Delivered Per Ton Pricing For Surrounding Entities:

Palm Beach County Utilities	\$392.24
Cities of Boynton Beach, Lake Worth Beach & Riviera Beach:	\$309.34 *
City of Naples	\$301.13
City of Tamarac – SE FL Co-op (as of July 1, 2020)	\$252.69
City of Tamarac – SE FL Co-op (effective Nov. 1, 2020)	\$284.80

Chart 2 – City Quicklime Pricing: October 2019 – September 2020

<u>Date</u>	<u>Material Cost/Ton</u>	<u>Trans/Surcharges**</u>	<u>Total Cost/Ton</u>
October 1, 2019:	\$162.71	\$105.11	\$267.82
January 1, 2020:	\$161.49	\$107.55	\$269.04
April 1, 2020:	\$161.21	\$106.83	\$268.04
July 1, 2020:	\$147.26	\$105.43	\$252.69

*The Cities of Boynton Beach, Lake Worth Beach and Riviera Beach have joined the SE Florida Govt. Purchasing Co-op Agreement for the first time with this Agreement. Each of the entities will be paying \$284.80 per ton; and will not renew their existing agreement at \$309.34 per ton which will represent a significant savings as a result.

**Transportation charges are additionally adjusted based on a prescribed fuel surcharge formula for every \$.05 increase or decrease in the price of fuel. Fuel charges have generally been under \$4.00 for each quarter.

Accordingly, it is recommended that an award be made, and agreements executed with Lhoist for the City of Tamarac, and on behalf of twenty-three (23) additional entities in the Co-op; and with Carmeuse Lime & Stone, Inc., for high calcium granular quicklime for the City of Hollywood for a period of three (3) years.

Fiscal Impact:

Based on our estimated use of approximately 1500 tons of quicklime, we anticipate that the cost of lime will likely show see a slight increase of an additional 1%-- 5% based on the fact that the new model represents a one-time increase of 11% and will only be subject to actual market changes during the agreement, which we do not project to significantly increase over the initial three (3) year contract period. Accordingly, we anticipate that our total expenditures for quicklime for FY21 will be approximately \$427,200, considering incremental changes throughout the year. It should be noted, however, that any unanticipated change in fuel, raw material market prices or water usage patterns may significantly impact our cost and quantity assumptions.

Cc: Jack Strain
Earl Henry
Anthony Licata

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2020-095

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA, AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO AWARD BID #20-21B, "FURNISH, DELIVER AND DISCHARGE OF QUICKLIME" TO, AND EXECUTE AGREEMENTS WITH, LHOIST NORTH AMERICA OF ALABAMA, LLC FOR THE CITY OF TAMARAC AND AN ADDITIONAL TWENTY-THREE MEMBERS OF THE SOUTHEAST FLORIDA GOVERNMENTAL PURCHASING COOPERATIVE (CO-OP); AND WITH CARMEUSE LIME AND STONE ON BEHALF OF ONE CO-OP MEMBER, THE CITY OF HOLLYWOOD, FOR A PERIOD OF THREE (3) YEARS WITH THREE (3) ADDITIONAL ONE-YEAR RENEWAL OPTIONS, PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE AND CORRECT COPY OF R-2020-095

THE ORIGINAL OF WHICH IS ON FILE IN CITY HALL
WITNESS MY HAND AND OFFICIAL SEAL

OF THE CITY OF TAMARAC, FLORIDA,

THIS 03 DAY OF SEPTEMBER, 2020
Deborah Hill
CITY CLERK

WHEREAS, the City of Tamarac served as "lead agency" on Bid 20-21B, "Furnish, Deliver and Discharge of Quicklime" issued on behalf of the Southeast Florida Governmental Purchasing Cooperative (Co-op); and

WHEREAS, Twenty-one governmental agencies, including the City of Tamarac will utilize this bid to purchase approximately 65,170 tons annually, of quicklime for the Co-op, of which approximately 1,500 tons will be purchased for the City of Tamarac, a copy of said bid is on file with the City Clerk; and

WHEREAS, the City of Tamarac publicly advertised Bid 20-21B, "Furnish, Deliver and Discharge of Quicklime" on the City's web-site and in the Sun-Sentinel on August 16, 2020; and

September 3, 2020

WHEREAS, three (3) vendors downloaded the bid from the City's web-site; and two (2) complete bids were opened and reviewed to determine cost and responsiveness to the City's specifications; and

WHEREAS, Lhoist North America of Alabama, LLC submitted the lowest delivered bid price per ton for the City, and prices as shown on the bid tabulation for other members of the Co-Op, a copy of the bid tabulation is attached hereto as Exhibit "1"; and

WHEREAS, Lhoist North America of Alabama, LLC was deemed the lowest responsive and responsible bidder for the City of Tamarac, and for twenty-three (23) members of the Co-op, with a copy of the bid submitted on file with the City Clerk; and

WHEREAS, Carneuse Lime and Stone was deemed the lowest responsive and responsible bidder for high calcium granular quicklime for the City of Hollywood, a member of the Co-op, with a copy of the bid submitted on file with the City Clerk; and

WHEREAS, the City of Tamarac, acting as lead agency for the Co-op acts on behalf of the Co-op when awarding contracts for quicklime; and

WHEREAS, pursuant to Section 5 of the executed Agreements, Lhoist North America of Alabama, LLC, and Carneuse Lime & Stone, Inc. may seek a price adjustment on a quarterly basis based on actual costs or in accordance with one or more recognized indices; and

WHEREAS, current dynamic economic conditions dictate that the best interests of the City and the Co-op will be met by the utilization of an ongoing

quarterly material price adjustment formula, which allows for escalation and de-escalation of material pricing on a quarterly basis, effective October 1st, January 1st, April 1st and July 1st of each year; and

WHEREAS, sufficient funds are available from the Public Services Department Operating funds; and

WHEREAS, it is the recommendation of the Director of Public Services and the Purchasing and Contracts Manager that Bid 20-21B be awarded to and an agreement executed with Lhoist North America of Alabama, LLC for furnishing, delivering and discharging quicklime, for a period of three years with three (3) additional one (1) year renewal options for the City of Tamarac, and on behalf of twenty (20) other agencies in the Co-op; and

WHEREAS, it is the recommendation of the Director of Public Services and the Purchasing and Contracts Manager that Bid 20-21B be awarded to and an agreement executed with Carmeuse Lime and Stone for furnishing, delivering and discharging high calcium granular quicklime, for a period of three (3) years with three (3) additional one (1) year renewal options for the City of Hollywood, an agency in the Co-op; and

WHEREAS, the City Commission of the City of Tamarac, Florida deems it to be in the best interest of the residents of the City of Tamarac to award Bid 20-21B and execute an agreement with Lhoist North America of Alabama, LLC for furnishing, delivering and discharging quicklime, for a period of three (3) years with three (3) additional one (1) year renewal options, on behalf of the City of

Tamarac and on behalf of an additional Twenty (20) agencies in the Southeast Florida Governmental Purchasing Cooperative, and

WHEREAS, the City Commission of the City of Tamarac, Florida deems it to be in the best interest of the residents of the City of Tamarac to award Bid 20-21B and execute an agreement with Carmeuse Lime and Stone for furnishing, delivering and discharging high calcium granular quicklime, for a period of three (3) years with three (3) additional one (1) year renewal options, for the City of Hollywood, an agency in the Co-op.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA THAT:

SECTION 1: The foregoing "WHEREAS" clauses are HEREBY ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof and all exhibits referenced and attached hereto are incorporated herein and made a specific part of this resolution.

SECTION 2: The award of Bid 20-21B, "Furnish, Deliver and Discharge of Quicklime", to Lhoist North America of Alabama, LLC, on behalf of the City of Tamarac and twenty-three (23) agencies in the Southeast Florida Governmental Purchasing Cooperative, is HEREBY AUTHORIZED.

SECTION 3: The appropriate City officials are hereby authorized to execute an agreement with Lhoist North America of Alabama, LLC as part of said

award, a copy of which is attached hereto as Exhibit "2" for prices as shown in Exhibit "1" on behalf of the City of Tamarac and twenty-three (23) entities within the Southeast Florida Governmental Purchasing Cooperative.

SECTION 4: The award of Bid 20-212B, "Furnish, Deliver and Discharge of Quicklime", to Carmeuse Lime and Stone, for the provision of high calcium granular lime for the City of Hollywood, an agency in the Co-op, is HEREBY AUTHORIZED.

SECTION 5: The appropriate City officials are hereby authorized to execute an agreement with Carmeuse Lime and Stone as part of said award for high calcium quicklime, a copy of which is attached hereto as Exhibit "3" for prices as shown in Exhibit "1" on behalf of the City of Hollywood, an agency in the Co-op.

SECTION 6: The City Manager, or his designee, is hereby authorized to approve and execute any subsequent renewal options to this Agreement, and to initiate Change Orders in amounts not to exceed \$65,000 per Section 6-147 of the City Code.

SECTION 7: All resolutions or parts of resolutions in conflict herewith are HEREBY repealed to the extent of such conflict.

SECTION 8: If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

SECTION 9: This Resolution shall become effective immediately upon its passage and adoption.

PASSED, ADOPTED AND APPROVED this 23rd day of September 2020.

Michelle J. Gomez
MICHELLE J. GOMEZ
MAYOR

ATTEST:

Jennifer Johnson
JENNIFER JOHNSON, CMC
CITY CLERK

I HEREBY CERTIFY that I
Have approved this
RESOLUTION as to form.

Samuel S. Goren
SAMUEL S. GOREN
CITY ATTORNEY

RECORD OF COMMISSION VOTE:

MAYOR GOMEZ	<u>Yes</u>
DIST 1: V/M BOLTON	<u>Yes</u>
DIST 2: COMM. GELIN	<u>Yes</u>
DIST 3: COMM. FISHMAN	<u>Yes</u>
DIST 4: COMM. PLACKO	<u>Yes</u>

20-21B - Furnish, Delivery and Discharge of Quicklime - Quote Form - Type 1 – Pebble Lime

#	AGENCY	DELIVERY ADDRESS	ANNUAL USAGE	Carmeuse Lime & Stone				Lhoist North America of Alabama, LLC			
				PRICE PER TON	FREIGHT CHARGE	Delivered Price	Agency Total	PRICE PER TON	FREIGHT CHARGE	Delivered Price	Agency Total
1	Broward County Dist. 1	3701 N State Road 7	2500	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$712,000.00
2	Broward County Dist. 2	1390 NE 51 St.	4500	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$1,281,600.00
3	City of Coral	3800 NW 85th	1352	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$385,049.60
4	Town of Davie	3500 NW 76th Avenue	1000	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$284,800.00
5	City of Dania Beach	1201 Stirling Road Dania	350	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$99,680.00
6	City of Deerfield Beach	290 Goolsby Blvd. – West Plant	1415	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$402,992.00
7	City of Fort Lauderdale	949 NW 38th St. Ft. Lauderdale	11500	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$82.80	\$284.80	\$3,275,200.00
8	City of Hallandale	630 NW 6th	900	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$256,320.00
9	City of Lake Worth Beach	301 College St. Lake Worth	525	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$149,520.00
10	City of Lauderhill	2101 NW 49th	1825	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$519,760.00
11	City of North Lauderdale	841 NW 71st Avenue North	650	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$185,120.00
12	City of North	12098 NW 11th	1150	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$327,520.00
13	Village of Palm	360 David Road	600	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$170,880.00
14	Village of Palm Springs	5618 Basil Drive West Palm Beach	600	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$170,880.00
15	City of Pompano Beach	City of Pompano Beach	2200	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$626,560.00
16	City of Riviera Beach	800 W. Blue Heron Blvd. Riviera Beach	588	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$167,462.40

17	City of Sunrise	4350 Springtree Drive Sunrise	2400	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$683,520.00
18	City of Sunrise	15400 Sludge Mill Road Davie	600	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$170,880.00
19	Village of Wellington	1100 Wellington Trace Wellington	1330	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.8000	\$284.80	\$378,784.00
Subtotal:											\$10,248,528.00

20-21B - Furnish, Delivery and Discharge of Quicklime - Quote Form - Type 1A -- Foundry/Rice Lime

#	AGENCY	DELIVERY ADDRESS	ANNUAL USAGE	Carmeuse Lime & Stone				Lhoist North America of Alabama, LLC			
				PRICE PER TON	FREIGHT CHARGE	Delivered Price	Agency Total	PRICE PER TON	FREIGHT CHARGE	Delivered Price	Agency Total
1	City of Boynton Beach	124 E. Woolbright Rd. Boynton Beach	1685	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 479,888.00
2	City of Delray Beach	201 SW 7th St. Delray Beach	3650	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 1,039,520.00
3	City of Hollywood	3441 Hollywood Blvd. Hollywood	2400	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 683,520.00
4	City of Margate	980 NW 66th Ave Margate	2000	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 569,600.00
5	City of North Miami Beach	19150 NW 8th Ave Miami Gardens	3000	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 854,400.00
6	City of Pembroke Pines	7960 Johnson Street Pembroke Pines	4200	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 1,196,160.00
7	City of Tamarac	7803 NW 61st Street Tamarac	1500	No Bid	No Bid	No Bid	No Bid	\$ 202.00	\$ 82.80	\$ 284.80	\$ 427,200.00

8	City of West Palm Beach	1009 Banyan Blvd. West Palm Beach	5200	No Bid	No Bid	No Bid	No Bid			\$ 202.00	\$ 82.80	\$ 284.80	\$ 1,480,960.00
Subtotal:												\$ 6,731,248.00	

20-21B - Furnish, Delivery and Discharge of Quicklime - Quote Form - Type 2 – Hi CAL Granular

#	AGENCY	DELIVERY ADDRESS	ANNUAL USAGE	Carmeuse Lime & Stone				Lhoist North America of Alabama, LLC					
				PRICE PER TON	FREIGHT CHARGE	Delivered Price	Agency Total	PRICE PER TON	FREIGHT CHARGE	Delivered Price	Agency Total		
1	City of Hollywood	Wastewater 1621 N14th Ave Hollywood	5550	\$ 190.00	\$ 100.99	\$ 290.99	\$ 1,614,994.50	\$ 202.00	\$ 180.33	\$ 382.33	\$ 2,121,931.50		
Subtotal:												\$ 1,614,994.50	\$ 2,121,931.50

GRAND TOTAL AWARD

\$ 1,614,994.50

\$ 16,979,776.00


Keith K. Glatz