

Buckman Direct Diversion Project

A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.

Date: July 31, 2013
To: Buckman Direct Diversion Board
From: Gary C. Durrant, Chief Operator BDD
Re: Update on BDD Operations for the month of July 2013

1. This memo is intended to update the BDD Board on BDD operations during the month of July. BDD diversions and deliveries have averaged, in Million Gallons Daily (MGD) as follows:
 - a) Raw water diversions: 5.173 MGD Average
 - b) Finished Drinking water deliveries through Booster Station 4A: 2.391 MGD Average
 - c) Finished Drinking water deliveries through Booster Station 5A: 1.853 MGD Average
 - d) Raw water delivery to Las Campanas at BS2A: 25.923 MG Total.
2. The BDD is currently providing approximately 30% of the water supply to the City and County for the month.
3. On Peak Pumping: The BDD has been pumping up to 5 MGD. The last 2 weeks have been very difficult with the heavy Monsoon rains. The rains and the low level of the Rio Grande have combined to make the river very dirty.
4. The BDD stopped diverting any native water starting Monday July 1st. With the unprecedented river flows anticipated on the Rio Grande in the coming weeks and months, the BDD Project has taken a proactive and preliminary step to halt all native diversions well ahead of any low flow trigger points in the Biological Opinion (BO).
5. Please see the following pages from the Monthly report to the Office of the State Engineer (OSE) for the month of June for accurate information about totals for June and year to date.



**Monthly Diversions under SP-2847-E, SP-4842, and SP-2847-N-A
June 2013**

BDD Diversion of San Juan-Chama Water	af	mg
Total SJC water arrived at the BDD diversion site	818.00	266.55
Total SJC diverted at BDD	818.00	266.55
Total SJC available for offsetting depletions under RG-20516.	0.00	0.00

Total BDD water diverted from all water rights	af	mg
BDD Current Monthly Total	1078.03	351.28
<i>SJC Diversion under Permit SP-2847-E</i>	<i>734.56</i>	<i>239.36</i>
<i>City of Santa Fe</i>	<i>734.56</i>	<i>239.36</i>
<i>Santa FeCounty</i>	<i>0.00</i>	<i>0.00</i>
<i>SJC Diversion under SP-2847-N-A (CLCI)</i>	<i>83.44</i>	<i>27.19</i>
<i>Rio Grande native water rights (SP-4842;SFCOUNTY)</i>	<i>260.03</i>	<i>84.73</i>

Metered Diversions under Permit SP-2847-E and SP-4842

Meter Serial Number	OSE Meter Number	Current Month Meter Reading	Previous Month Meter Reading	Diversion by Meter	
				ac-ft	mg
CC004816000-Diversion	14113	1676.917	1561.1143	355.39	115.80
CC004916000-Diversion	14114	1723.126	1600.4185	376.57	122.71
CC004A16000-Diversion	14115	1696.567	1576.3113	369.05	120.26
CC000A16000-Return	14255	135.3042	127.8164	22.98	7.49
Total Metered Diversions				1078.03	351.28

Buckman Direct Diversion Monthly SJC and Native Diversions

June 2013

Month	Total SJC Release (AF)	SJC Conveyance Losses (AF)	Total SJC Available at BDD (AF)	SJC Diversion, SP-2847-E (AF)	SJC Diversion, SP-2847-N-A (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion (all permits)	SJC used to offset Buckman Wells RG-20516 (AF)
JAN	439.04	4.24	441.79	441.79	0	44.09	0	485.88	0
FEB	261.03	2.47	257.94	257.94	0	10.49	0	268.42	0
MAR	353.69	3.30	343.57	343.57	0	75.66	0	419.23	0
APR	680.73	6.34	661.33	661.33	0	89.47	0	750.80	0
MAY	1045.27	9.88	1030.46	1030.46	0	22.86	0	1053.32	0
JUN	817.91	7.85	818.00	734.56	83.44	260.03	0	1078.03	0.00
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
TOTAL	3597.67	34.08	3553.08	3469.64	83.44	502.59	0.00	4055.67	0.00

Source of SJC Releases in reporting month. Includes conveyance losses.

Month	Total Release (AF)	ABIQUIU		
		City of Santa Fe (AF)	Santa Fe County (AF)	Club at Las Campanas (AF)
JAN	439.04	439.04	0.00	0.00
FEB	261.03	261.03	0.00	0.00
MAR	353.69	353.69	0.00	0.00
APR	680.73	680.73	0.00	0.00
MAY	1045.27	1045.27	0.00	0.00
JUN	817.91	729.30	0.00	88.60
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				
TOTAL	3597.67	3509.06	0.00	88.60

MEMORANDUM

TO: City of Santa Fe Public Utilities Committee
City of Santa Fe Water Conservation Committee
Buckman Direct Diversion Board

FROM: Rick Carpenter, Water Resources and Conservation Manager *RC*

VIA: Nick Schiavo, Acting Public Utilities Department and Water Division *NSA*
Director

DATE: July 25, 2013

SUBJECT: Update on Drought, Monsoon, and Water Resource Management

CURRENT PUC UPDATE

As the Committee is aware, our region is still suffering through a severe drought. Our region has gone through two consecutive years of record drought and heat. It is now apparent that we are in a third consecutive year of severe drought and heat which will present significant challenges to all water purveyors and irrigators. Most of the state of New Mexico is in "extreme" drought conditions or worse. New Mexico appears to be the epicenter of the regional drought. This situation is unprecedented and the City's Water Division takes this situation very seriously.

The National Oceanographic and Atmospheric Administration (NOAA) recently updated its monthly on its El Nino/Southern Oscillation (ENSO) Diagnostic. This report indicates that current model predictions more strongly favor El Nino conditions to be neutral through the summer of 2013 (equal chances of either wet, dry, or "normal"). The long-term forecast for this coming winter seems to be trending away from El Nino, towards neutral, with an increasing chance of a return to La Nina conditions. Above average temperatures are also expected. This current drought is extreme, but what sets it apart from previous extreme droughts is that, absent significant monsoonal rains and winter snow the rest of this year, the region will enter into next spring and summer without carry-over water in regional reservoirs – they are at historic low levels. This condition is unprecedented and could make next year much more challenging than the current year. However, the City of Santa Fe has invested in a robust and diverse portfolio of four distinct water supply sources that allows for flexibility in meeting demand: Buckman well field, City well field, Canyon Road Water Treatment Plant on the Upper Santa Fe River, and the Buckman Direct Diversion on the Rio Grande.

Water Resource Management

In accord with recent BoR/USACoE models that indicated the probability of critically low flows in the Rio Grande, the last few weeks have seen flows as low as about 250 cubic feet per second (CFS). In a "normal" year flow ought to be around 1,000 cfs or more. Turbidity has also been

high, especially following intense monsoonal rain storms. For this reason, the BDD Project has been shut down for several days so far in the month of July. Also, the Canyon Road Water Treatment Plant may also experience significant supply shortfalls later this year. However, City water resource managers are closely monitoring the water supply situation and are prepared to offer a variety of options to decision-makers. For example, the City has several years-worth of San Juan-Chama Project water stored in reservoirs, in case deliveries from the federal Bureau of Reclamation of San Juan-Chama Project water are curtailed and/or native flows are unavailable. The City could therefore choose to release some of that water if needed. Additionally, the City has been “resting” the Buckman well field since early 2010 in case decision-makers opt to pump significant amounts of water from the aquifer. Local reservoirs on the upper Santa Fe River currently have about 32% of full capacity, or enough water to average about 3-4 million gallons per day of production from the Canyon Road Water Treatment Plant, July through August, 2013. Also, policy makers may consider implementation of Emergency Drought Stages pursuant to the Conservation Ordinance. Therefore, City decision-makers and resource managers have a variety of policy options available in order to meet water supply demands during times of drought.

Local Conditions – Upper Santa Fe River

	Reservoir Level	Santa Fe Snow Gage	Reservoir Inflow
July 25, 2013	32.0%	0.0 inches	2.33 MGD
5-Year Average This Date (2008 – 2012)	68.2%	0.0 inches	2.90 MGD

The City of Santa Fe has rights to a total of up to 5,040 acre-feet per year in Nichols and McClure Reservoirs. City Water Division staff are estimating receiving only about 1,200 – 1,300 acre-feet of water from the upper Santa Fe River watershed this year. It is anticipated that this water will be available beginning in June through August, but there will be little to no usable carry-over storage in the local reservoirs without significant moisture/snow between now and next high-demand season. As of the date of this memo, there is no snow pack left in the upper watershed.

Rio Grande Basin

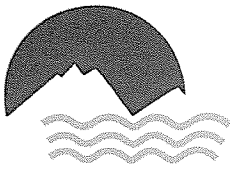
Surface flows in the Rio Grande and its tributaries have been well below normal, storage levels in regional reservoirs are very low currently, and the federal BoR recently stated that if there is no “meaningful moisture” received this winter/spring then this would mark the lowest water levels ever in New Mexico reservoirs prior to entering into a new irrigation season. With large moisture deficits deeply entrenched across the region, meaningful improvement seems unlikely. For example, the most recent forecast of runoff into the Rio Grande at Otowi Gage (upstream from the BDD diversion structure) is for about 17% of normal flow. Legal and hydrologic compliance with the various Biological Opinions (Endangered Species Act, e.g., silvery minnow) in the middle and upper reaches of the Rio Grande will become very difficult, if not impossible, through the summer months.

As indicated earlier in this memo, currently flows in the Rio Grande at the BDD are critically low. Over the last few weeks, the river in this location as had flows as low as about 250 cubic feet per second (CFS). In a “normal” year flows at this time ought to be around 1,000 cfs or more. Turbidity has also been high, especially following recent intense monsoonal rain storms. For this reason, the BDD Project has been shut down for several days so far in the month of July.

Wild Earth Guardians has recently filed a notice of intent (NOI) to file suit against Middle Rio Grande Collaborative Program signatories, citing violations of the current Biological Opinion under the auspices of the Endangered Species Act. However, the BDD Project is not a signatory to the Collaborative Program so the Project is not currently named. The outcome of the NOI and possible subsequent law suit are uncertain at this time.

San Juan Basin

The streamflow forecast for the San Juan River Basin is 75 percent of the 30 year avg. (1981-2010). The San Juan-Chama Project delivery forecast was recently updated by BoR. BoR is now projecting a full allocation of San Juan-Chama Project water to San Juan-Chama contractors for this year (up from a previous forecast of only 80%). However, because much of this water has already been used by the larger purveyors and irrigators in the middle Rio Grande, and because what little water that might be released from upstream reservoirs could suffer abnormally significant "carriage losses" during travel from the reservoirs downstream to the diversion(s), smaller San Juan-Chama contractors like the City of Santa Fe and Santa Fe County may have difficulty later this summer/fall because the water that is called for may suffer significant carriage losses or possibly not even reach all the way downstream for diversion. Further, conditions could significantly worsen for San Juan Chama Project deliveries next year if the drought persists due to a lack of carry-over storage in Heron Reservoir and other reservoirs in the system. If conditions do not change, after deliveries are made out of Heron Reservoir this year, that reservoir will be heading into the next water –year at historically low levels.



Buckman Direct Diversion Project

A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.

Date: 07/25/2013
To: Buckman Direct Diversion Board
Via: Shannon Jones, Interim BDD Facility Manager
From: Gary C. Durrant, BDD Chief Operator

Issue and Item

Staff requests approval to purchase water treatment plant chemicals for the Buckman Regional Water Treatment Plant (BRWTP) from various vendors in a total amount not to exceed \$????? exclusive of NMGRT.

Background

The BRWTP uses various chemicals to treat surface water in compliance with State and Federal Drinking Water Standards. In July 2013, the City of Santa Fe solicited chemical bids (BID # '14/04/B) for nine (9) chemicals used in the water treatment plant. Quantities are based on anticipated flows and estimated dosages as determined by experience this past year. Please note that the estimates for these expenses have decreased each year. The years thus far experienced have all had mild runoff during the spring season. At some point we hope to get a higher than normal snowfall which will likely cause increased use and higher chemical costs.

A total of ? (?) companies responded to the bid (not all companies submitted proposals for all chemicals):

1. ?
2. ?
3. ?
4. ?
5. ?
6. ?



Evaluation Process

Staff evaluated the proposals based on conformance with required chemical specifications, and price. All proposals met the required specifications. Staff recommends awarding to the following low bidders:

Item	Supplier	Chemical	Total Amount
1	?	Ferric Chloride	\$?
2	?	Sodium Hydroxide	\$?
3	?	Polymer	\$?
4	?	Zinc Orthophosphate	\$?
5	?	Sulfuric Acid	\$?
6	?	Hydrofluorosilicic Acid	\$?
7	?	Sodium Hypochlorite	\$?
8	?	Liquid Oxygen (LOX)	\$?
9	?	Calcium Thiosulfate	\$?

Recommended Action

Staff recommends approval of the purchase of water treatment plant chemicals in an amount not to exceed \$374,783 plus NMGRT.

Financial Implications

Cost: \$374,783

<u>Fund Source</u>	<u>Business Unit/Line Item</u>	<u>Amount</u>
FY 2014 Operating	7280000	\$374,783

Total applicable NMGRT not included.

NOTE: Subject to price escalation as per bid documents page 22. See Attachments.

**CITY OF SANTA FE
WATER DIVISION
BDD**

“REQUEST FOR BID”

BDD Water Treatment Chemicals:

- Ferric Chloride
- Sodium Hydroxide
- Zinc Orthophosphate
- Sulfuric Acid
- Liquid Oxygen
- Sodium Hypochlorite
- Hydrofluosilicic Acid
- Calcium Thiosulfate
- Polymer

BID # '14/04/B

BID DUE:

August 6, 2013

2:00 P.M.

PURCHASING OFFICE

CITY OF SANTA FE

2651 SIRINGO ROAD - BUILDING “H”

SANTA FE, NEW MEXICO 87505

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Attachments:

1. Instructions Relating to Local Preference Certification Form
2. Local Preference Certification Form
3. Resident Veterans Preference Form

**ADVERTISEMENT FOR BIDS
BID NO. '14/04/B**

Bids will be received by the City of Santa Fe and will be delivered to City of Santa Fe, Purchasing Office, 2651 Siringo Road, Bldg. "H", Santa Fe, New Mexico 87505 until **2:00 P.M. local prevailing time, August 6, 2013. Any bid received after this deadline will not be considered.** This bid is for the purpose of procuring:

**WATER TREATMENT CHEMICALS AND SERVICES
FOR THE BUCKMAN REGIONAL WATER TREATMENT PLANT**

The chemicals covered by this bid request include one or more of the following water treatment chemicals:

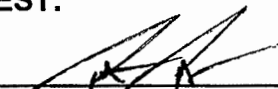
- Ferric Chloride
- Sodium Hydroxide
- Zinc Orthophosphate
- Sulfuric Acid
- Liquid Oxygen
- Sodium Hypochlorite
- Hydrofluosilicic Acid
- Calcium Thiosulfate
- Polymer

The bidder's attention is directed to the fact that all applicable Federal Laws, State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction of said item shall apply to the bid throughout, and they will be deemed to be included in the bid document the same as though herein written out in full.

The City of Santa Fe is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, color religion, sex, sexual orientation or national origin. The successful bidder will be required to conform to the Equal Opportunity Employment regulations.

Bids may be held for sixty (60) days subject to action by the City. The City reserves the right to reject any or all bids in part or in whole. Bid packets are available by visiting the BDD Project website (www.bddproject.org), or visit the Business link on the City's website (www.santafenm.gov) or by contacting Shirley Rodriguez, City of Santa Fe, Purchasing Office, 2651 Siringo Road, Bldg. "H" Santa Fe, New Mexico 87505, (505) 955-5711.

ATTEST:



Robert Rodarte, Purchasing Officer

Received by the Santa Fe New Mexican on: 07/18/13
To be published on: 07/24/13
Received by the Albuquerque Journal on: 07/18/13
To be published on: 07/24/13

BID SCHEDULE

BID # '14/04/B

1. ADVERTISEMENT July 24, 2013
2. ISSUANCE OF BID'S July 24, 2013
3. RECEIPT OF BID:

August 6, 2013 at 2:00 P.M. local prevailing time. Purchasing Office 2651 Siringo Road Bldg., "H" Santa Fe, New Mexico 87505 (505) 955-5711
4. RECOMMENDATION OF AWARD TO BDD BOARD: August 8, 2013

DATES OF CONSIDERATION BY BDD BOARD ARE TENTATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE.

INFORMATION TO BIDDERS

1. RECEIPT AND OPENING OF BIDS

The City of Santa Fe (herein called "City"), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the City Purchasing Office until **2:00 P.M. local prevailing time, August 6, 2013**. At this time the City Purchasing Director will publicly open and read bid(s) aloud.

Two bids shall be submitted in a sealed envelope, addressed to the Purchasing Office, City of Santa Fe, 2651 Siringo Road, Bldg. "H" Santa Fe, New Mexico 87505. No late bids will be accepted whether hand delivered, mailed or special delivery. Do not rely on "overnight delivery" without including some lead-time. "Overnight delivery" will be determined to be non-responsive if delivered late, no matter whose fault it was. It is recommended that extra days be included in the anticipated delivery date to ensure delivery is timely. The Purchasing Office is closed 12:00 p.m. to 1:00 p.m. The outside of the envelope should clearly indicate the following information:

Bid number: '14/04/B
Title of the bid: Water Treatment Chemicals & Services for the BDD
Name and address of the bidder:

The Owner may consider informal any bids not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 60 days after the actual date of the opening thereof.

2. PREPARATION OF BID

All blank spaces for bid prices must be filled in, ink or type written. If the bid is forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified in the bid form. No alternate bids will be considered unless pre-approved (5) five days prior to the bid opening date by Robert Rodarte, Purchasing Officer.

3. BID SECURITY

None required.

4. LIQUIDATED DAMAGES FOR FAILURE TO ENTER INTO CONTRACT

Liquidated damages are not applicable to this bid.

5. ADDENDA AND INTERPRETATIONS

No oral interpretations of the meaning of the specifications or other pre-bid documents will be binding. Oral communications are permitted in order to make an assessment of need for an addendum. **ANY QUESTIONS CONCERNING THE BID SHOULD BE ADDRESSED PRIOR TO BID OPENING DATE.**

Every request for such interpretations should be in writing addressed to Robert Rodarte, Purchasing Officer, 2651 Siringo Road, Bldg. H, Santa Fe, New Mexico 87505 and to be

given consideration must be received at least (5) five days prior to the date fixed for the opening of bids.

Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be delivered to all prospective bidders not later than three days prior to the date fixed for the opening of the bids. Failure of any bidder to receive any such addendum or interpretations shall not relieve such bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents.

The City reserves the right to not comply with these time frames if a critical addendum is required or if the proposal deadline needs to be extended due to a critical reason in the best interest of the City of Santa Fe.

6. **POWER OF ATTORNEY**

Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

7. **LAWS AND REGULATIONS**

The bidders attention is directed to the fact that all applicable Federal Laws, State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over said item shall apply to the bid throughout, and they will be deemed to be included in the bid document the same as though herein written out in full. In particular bidder is notified that criminal laws shall apply prohibiting bribes, gratuity and kick-backs.

8. **METHOD OF AWARD**

The award of the purchase agreement will be made to that vendor who meets or exceeds all specifications and provides the lowest total bid amount. However, delivery date, availability of stock, and complete analysis and comparison of specification details along with past experience of the City of Santa Fe with similar or related units, will be weighed in making a final decision of award.

No important deviation from the terms of this specification is acceptable. It is understood and agreed that the City of Santa Fe reserves the right to reject any and all bids, as authorized by law, and to award to other than the lowest bidder at its discretion, provided that it is in the best interest of the City of Santa Fe, if the CITY PURCHASING MANUAL and pertinent State Statutes are thereby served.

9. **PUBLIC INFORMATION**

All portions of the bid submittals will become public information. Proprietary information may be marked confidential; however, the City Purchasing Officer will make the final determination as to whether the portion of the bid is legitimately confidential information. Sections to be confidential should be clearly marked as such and readily separable from rest of the bid. In no case will a request for the entire bid to be confidential be considered.

10. **BRAND NAMES**

All brand names specified in this bid are to imply "or equal." Bidder should include enough information with the bid submitted so this determination can be made. The determination of

the Purchasing Officer will make the final determination as to whether the portion of the bid is legitimately confidential information. Sections to be confidential should be clearly marked as such and readily separable from rest of the bid. In no case will a request for the entire bid to be confidential be considered.

11. **TAX EXEMPT**

The City of Santa Fe is tax exempt for state gross receipts taxes for the procurement of tangible personal property, but not for labor or services. A tax exempt certificate will be issued upon written request to the Purchasing Office.

12. **COMPLIANCE WITH CITY'S MINIMUM WAGE RATE ORDINANCE (LIVING WAGE ORDINANCE)**

A copy of the City of Santa Fe Ordinance No. 2003-8, passed by the Santa Fe City Council on February 26, 2003 is attached. The proponent or bidder will be required to submit the proposal or bid such that it complies with the ordinance to the extent applicable. The recommended Contractor will be required to comply with the ordinance to the extent applicable, as well as any subsequent changes to the Ordinance throughout the term of this contract.

13. **RESIDENT, LOCAL AND RESIDENT VETERANS PREFERENCE**

INTENT and POLICY

The city recognizes that the intent of the state resident preference statute is to give New Mexico businesses and contractors an advantage over those businesses, manufacturers and contractors from outside the State of New Mexico. The underlying policy is to give a preference to those persons and companies who contribute to the economy of the State of New Mexico by maintaining businesses and other facilities within the state and giving employment to residents of the state (1969 OP. Att'y Gen. No. 69-42). The city also has adopted a policy to include a local preference to those persons and companies who contribute to the economy of the County of Santa Fe by maintaining businesses and other facilities within the county and giving employment to residents of the county.

APPLICATION-IN STATE AND OUT OF STATE BIDDERS

With acknowledgement of this intent and policy, the preference will only be applied when bids are received from in-state and county businesses, manufacturers and contractors that are within 5% of low bids received from out-of-state businesses, manufacturers and contractors (13-1-21 (A) –1-21 (F) and 13-4-2 (C) NMSA 1978).

To be considered a resident for application of the preference, the in-state bidder must have included a valid state purchasing certification number with the submitted bid.

Thus it is recommended that in-state bidders obtain a state purchasing certification number and use it on all bids, in order to have the preference applied to their advantage, in the event an out-of-state bid is submitted. In submitting a bid, it should never be assumed that an out-of-state bid will not be submitted.

For information on obtaining a state purchasing certification number, the potential bidder should contact the State of New Mexico General Service Department-Purchasing Office (Joseph Montoya Building-1100 S. St. Francis Drive 87505, 827-0472).

All resident preferences shall be verified through the State Purchasing Office. Applications for resident preference not confirmed by the State Purchasing Office will be rejected. The certification must be under the bidder's business name submitting the bid.

NON-APPLICATION-COMPETING IN-STATE BIDDERS

If the lowest responsive bid and the next responsive bids within 8% of the lowest bid, are all from the state of New Mexico, then the resident preference will not be applied and the state purchasing certification number will not be considered. To be considered an in-state bidder in this situation, the bidders must meet the definition criteria of Chapter 13-1-21 (A) (1) and Chapter 13-4-2 (A) NMSA 1978. After examining the information included in the bid submitted, the City Purchasing Officer may seek additional information of proof to verify that the business is a valid New Mexico Business. If it is determined by the City Purchasing Officer that the information is not factual and the low responsive bid is actually an out-of-state bidder and not a New Mexico business, then the procedures in the previous section may be applied.

If the bidder has met the above criteria, the low responsive "resident" bid shall be multiplied by .95. If that amount is then lower than the low responsive bid of a "non-resident" bidder, the award will be based taking into consideration the resident preference of 5%.

APPLICATION FOR LOCAL PREFERENCE

For the purposes of this section, the terms resident business and resident manufacturer shall be defined as set out in Section 13-1-21 NMSA 1978; the term local as applied to a business or manufacturer shall mean that it maintains a place of business in Santa Fe County, and that:

Principal Office and location must be stated: To qualify for the local preference, the principal place of business of the enterprise must be physically located within the Santa Fe County Geographic Boundaries. The business location inserted on the Form must be a physical location, street address or such. DO NOT use a post office box or other postal address. Principal place of business must have been established no less than six months preceding application for certification.

The PREFERENCE FACTOR for resident and local preferences applied to bids shall be .95 for resident and .92 for local. The local preference for proposals shall be 1.10.

New Mexico Resident Veteran Business Preference: New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for a "resident veteran business". Certification by the NM Department of Taxation and Revenue for the resident veteran business requires the Offeror to provide evidence of annual revenue and other evidence of veteran status.

An Offeror who wants the veteran business preference to be applied to its proposal is required to submit with its proposal the certification from the NM Department of Taxation and Revenue and a sworn affidavit.

If an Offeror submits with its proposal a copy of a valid and current veteran resident business certificate, 7%, 8%, or 10% of the total weight of all the evaluation factors used in the evaluation of proposal may be awarded.

The local preference or resident business preference is not cumulative with the resident veteran business preference.

Bids for Goods and Services. When bids for the purchase of goods or services pursuant to Section 22 are received, the lowest responsive bid received from those bidders in the first category listed below shall be multiplied by the Preference Factor. If the resulting price of that bid receiving the preference is lower than or equal to the lowest bid of all bids received, the contract shall be awarded to that bidder receiving the preference. If no bids are received from bidders in the first category, or if the bid receiving the preference does not qualify for an award after multiplication by the Preference Factor, the same procedure shall be followed with respect to the next category of bidders listed to determine if the bid qualifies for award. The priority of categories of bidders is:

- (1) Local business.
- (2) Resident business.

Proposals for Goods and Services. When proposals for the purchase of goods or services pursuant to Section 23 are received, the evaluation score of the proposal receiving the highest score of all proposals from those proponents in the first category listed above shall be multiplied by the Preference Factor. If the resulting score of that proposal receiving the preference is higher than or equal to the highest score of all proposals received, the contract shall be recommended to that proponent receiving the preference. If no proposals are received from proponents in the first category, or if the proposal receiving the preference does not qualify for an award after multiplication by the Preference Factor, the same procedure shall be followed with respect to the next category of proposals listed to determine if a proponent qualifies for award.

Qualifications for Resident Preference. No resident business or manufacturer, as defined, shall be given any preference in the awarding of contracts for furnishing goods or services to the city, unless it shall have qualified with the State Purchasing Agent as a resident business or manufacturer and obtained a certification number as provided in Section 13-1-22 NMSA 1978. The certification number must be submitted with its bid for an offeror to qualify for this preference. The Central Purchasing Office shall determine if a resident preference is applicable to a particular offer on a case by case basis.

Qualifications for Local Preference. The Central Purchasing Office shall have available a form to be completed by all bidders/proponents who desire to apply for the local preference as a local business. The completed form with the information certified by the offeror must be submitted by the bidders/proponents with their bid or proposal to qualify for this preference.

Limitation. No offeror shall receive more than a 5% for resident and 10% for local preference pursuant to this section on any one offer submitted. A bidder may not claim cumulative preferences.

Application. This section shall not apply to any purchase of goods or services when the expenditure of federal and/or state funds designated for a specific purchase is involved and the award requirements of the funding prohibit resident and/or local preference(s). This shall be determined in writing by the department with the grant requirements attached to the Purchasing Office before the bid or request for proposals is issued.

Exception. The City Council at their discretion can approve waiving the Local Preference requirements for specific projects or on a case by case basis if it is the City's best interest to do so.

New Mexico Resident Preference Number (if applicable) _____

SPECIAL CONDITIONS

1. **GENERAL**
When the City's Purchasing Officer issues a purchase order document in response to the vendor's bid, a binding contract is created.
2. **ASSIGNMENT**
Neither the order, nor any interest therein, nor claim under, shall be assigned or transferred by the vendor, except as expressly authorized in writing by the City Purchasing Officer's Office. No such consent shall relieve the vendor from its obligations and liabilities under this order.
3. **VARIATION IN SCOPE OF WORK**
No increase in the scope of work of services or equipment after award will be accepted, unless means were provided for within the contract documents. Decreases in the scope of work of services or equipment can be made upon request by the city or if such variation has been caused by documented conditions beyond the vendor's control, and then only to the extent, as specified elsewhere in the contract documents.
4. **DISCOUNTS**
Any applicable discounts should be included in computing the bid submitted. Every effort will be made to process payments within 30 days of satisfactory receipt of goods or services. The City Purchasing Officer shall be the final determination of satisfactory receipt of goods or services.
5. **TAXES**
The price shall include all taxes applicable. The city is exempt from gross receipts tax on tangible personal property. A tax exempt certificate will be issued upon written request.
6. **INVOICING**
 - (A) The vendor's invoice shall be submitted in duplicate and shall contain the following information: invoice number and date, description of the supplies or services, quantities, unit prices and extended totals. Separate invoices shall be submitted for each and every complete order.
 - (B) Invoice must be submitted to ACCOUNTS PAYABLE and NOT THE CITY PURCHASING AGENT.
7. **METHOD OF PAYMENT**
Every effort will be made to process payments within 30 days of receipt of a detailed invoice and proof of delivery and acceptance of the products hereby contracted or as otherwise specified in the compensation portion of the contract documents.
8. **DEFAULT**
The city reserves the right to cancel all or any part of this order without cost to the city if the vendor fails to meet the provisions for this order, and except as otherwise provided

herein, to hold the vendor liable for any excess cost occasioned by the city due to the vendor's default. The vendor shall not be liable for any excess cost if failure to perform the order arises out of causes beyond the control and with the fault or negligence of the Vendor and these causes have been made known to the City of Santa Fe in written form within five working days of the vendor becoming aware of a cause which may create any delay; such causes include, but are not limited to, acts of God or the public enemy, acts of the State or of the Federal Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of sub-contractors due to any of the above unless the city shall determine that the suppliers or services to be furnished by the sub-contractor are obtainable from other sources in sufficient time to permit the vendor to meet the required delivery schedule. The rights and remedies of the city are not limited to those provided for in this paragraph and are in addition to any other rights provided for by law.

9. **NON-DISCRIMINATION**

By signing this City of Santa Fe bid or proposal, the vendor agrees to comply with the Presidents Executive Order No. 11246 as amended.

10. **NON-COLLUSION**

In signing this bid or proposal, the vendor certifies he has not, either directly or indirectly, entered into action in restraint of full competition in connection with this bid or proposal submittal to the City of Santa Fe.

SPECIFICATIONS
'14/04/B

Item 1: Ferric Chloride

Liquid Ferric Chloride (FeCl₃) is an orange-brown, acidic, corrosive aqueous solution. The specific gravity of the solution shall be in the range of 1.3 to 1.5. The specific gravity will vary with the FeCl₃ concentration. Concentration may be varied with the season and point of destination to prevent crystallization during cold weather

Ferric Chloride solution is to be ordered in truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility plant site in tank trailers.

Delivery off-loading process will be by truck powered air pressure only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

LIQUID FERRIC CHLORIDE QUALITY

- Total FeCl₃% by weight** **28% to 47%**
- Total iron as Fe 9.6% to 16.2%
- Not more than 2.5% of the total iron shall be in the ferrous state.
- The free acid, expressed as HCL, shall not exceed 1.0%.
- The solution shall not contain more than 0.2% total insoluble matter by weight.

Purchaser may require a sample from each load to check appearance and test specific gravity. Supplier shall furnish a table showing the percentage of ferric chloride for different specific-gravity readings. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must meet ANSI/AWWA Standard Specification B407-05 and certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 800,000 lbs.

EXCEPTIONS

Item 2: Sodium Hydroxide

Liquid Sodium Hydroxide supplied shall contain approximately 50 percent or 25 percent sodium hydroxide (NaOH). The 50% sodium hydroxide solution begins to crystallize at approximately 54° F and the 25% solution begins to crystallize at approximately 8° F. **Concentration shall be varied with the season and point of destination, as per the recipient request, to prevent crystallization during cold weather.**

Sodium Hydroxide solution is to be ordered in truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility plant site in tank trailers.

Delivery off-loading process will be by truck powered air pressure only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

Purchaser may require a sample from each load to check appearance and test specific gravity. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

LIQUID SODIUM HYDROXIDE QUALITY

Liquid Sodium Hydroxide supplied shall contain approximately 50 percent or 25 percent sodium hydroxide (NaOH) as specified above for seasonal delivery.

Product must meet ANSI/AWWA Standard B501-08 and certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 700,000 lbs.

EXCEPTIONS

Item 3: Polymer

Clarifloc A-210P Polymer

Polydyne Inc. or Equal

CLARIFLOC A-210P POLYMER solution is to be ordered in 275 Gallon tote quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility.

Delivery off-loading process will be by fork truck.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within five (5) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

OTHER POLYMER

Bidders may submit bids based on one or more alternate polymer products provided that the bidder demonstrate the performance of each alternate polymer product(s) at the Buckman Regional Water Treatment Plant at no additional cost or obligation to the purchaser. The full scale demonstration of the polymer product(s) will be at no cost to the purchaser and will use the purchasers polymer feed and dewatering equipment. The performance criteria for this demonstration is as follows:

- A. The polymer shall be tested in the dewatering of iron sludge. The conditions and performance requirements shall be as follows:
 - 1. Minimum solids feed rate: 120 gpm at 5.0 percent solids.
 - 2. Maximum hydraulic loading rate: 350 gpm at 2.0 percent solids.
 - 3. Maximum solids loading rate: 3,300 dry pounds per hour.
 - 4. Minimum cake solids: 20 percent.
 - 5. Minimum solids capture: 95 percent of the sludge feed total solids.
 - 6. Maximum polymer dosage as active polymer: 12 pounds per dry ton of solids.
 - 7. Minimum demonstration test run time at steady state: 2 hours continuous.

B. Percent Solids Capture = $(C/F) \times [(F-E)/(C-E)] \times 100$

Where C = Dewatered sludge total solids in mg/kg

F* = Feed TS in mg/kg, excluding any dilution flow from polymer solution flow

E = Centrate total suspended solids (TSS) in mg/kg, excluding any dilution from polymer solution flow.

* Feed refers to sludge feed excluding active polymer and polymer dilution water flow rates.

A polymer may be selected from those demonstrated to be the most cost effective at meeting the above criteria. If selected, the polymer is to be ordered in 275 Gallon tote quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility plant site. Delivery off-loading process will be by fork truck.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within five (5) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

POLYMER QUALITY

Purchaser may require a sample from each load to check appearance and test specific gravity. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must be certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 20,000 lbs.

EXCEPTIONS

Item 4: Zinc Orthophosphate (ZOP)

Aqueous ZOP solutions are clear and have a slight acid odor.
ZOP solutions are miscible with water in all proportions.
The specific gravity of the solutions will vary depending on the ratio of Zn to PO_4^{3-} and can range from 1.20 to 1.70 at 72° F

Zinc Orthophosphate solution is to be ordered in truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility plant site in tank trailers.
Delivery off-loading process will be by truck powered air pressure only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

ZINC ORTHOPHOSATE QUALITY

Purchaser may require a sample from each load to check appearance and test specific gravity. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must meet ANSI/AWWA Standard Specification B506-06 and certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 50,000 lbs.

EXCEPTIONS

Item 5: Calcium Thiosulfate

Captor Calcium Thiosulfate

Captor® (calcium thiosulfate solution) is a non-hazardous liquid with a typical pH of 6.5 - 8.0. The liquid solution is water-white to pale yellow in color and may have a slight odor of fresh concrete. The solution of Captor is considered stable in normal transportation. Solutions range from 20 to 30% strength by weight and weigh 10.0 to 11.0 pounds per U.S. gallon (1.198 to 1.318 gm/cc).

CAPTOR Calcium Thiosulfate solution is to be ordered in truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility plant site in tank trailers.

Delivery off-loading process will be by truck powered air pressure only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within five (5) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

CAPTOR Calcium Thiosulfate QUALITY

Purchaser may require a sample from each load to check appearance and test specific gravity. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must be certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 16,000 lbs.

EXCEPTIONS

Item 6: Sulfuric Acid

Sulfuric Acid H_2SO_4

Sulfuric Acid solution is to be ordered in 165 gallon tote quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility. Delivery off-loading process will be by fork truck only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

SULFURIC ACID QUALITY

Total H_2SO_4 % by weight 93%

Purchaser may require a sample from each load to check appearance and test specific gravity. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must be certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 36,000 lbs.

EXCEPTIONS

Item 7: Liquid Oxygen (LOX)

Liquid Oxygen (LOX) is a colorless, odorless, tasteless, diatomic gas. Oxygen has a density of 1.326 g/L at 70⁰ F and 760 mm of mercury.

Liquid Oxygen is to be ordered in bulk truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87506 Buckman Regional Water Treatment Facility plant site in tank trailers.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the oxygen concentration, the water and hydrocarbon contents, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher or a liquid meter ticket.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

LIQUID OXYGEN QUALITY

LOX shall have an oxygen content of at least 99.0 percent, by weight. The water content of the LOX shall not exceed a dew point o -80⁰F at the time of delivery. The total hydrocarbon content (as methane) of the LOX shall not exceed 40 ppm (v/v) at the time of delivery. Other impurities include nitrogen, argon, and other inert gases. The sum of these impurities shall not be sufficient to prevent achieving the minimum oxygen content specified above.

Product must meet ANSI/AWWA Standard Specification B304-08 and certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 6,000,000 cu.ft.

EXCEPTIONS

Item 8: Hydrofluorosilicic Acid

Hydrofluorosilicic Acid supplied shall be clean and free of visible suspended matter, and shall be white to straw yellow in color.

Hydrofluorosilicic Acid solution is to be ordered in truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87507 Buckman Regional Water Treatment Facility plant site in tank trailers.

Delivery off-loading process will be by truck powered air pressure only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

HYDROFLUOROSILICIC ACID QUALITY

Total Hydrofluorosilicic acid % by weight 20% to 30%

Maximum free acid, expressed as HF, shall not exceed 1.0%.

Purchaser may require a sample from each load to check appearance. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must meet ANSI/AWWA Standard Specification B703a-08 Addendum to B703-06 and certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 16,000 lbs.

EXCEPTIONS

Item 9: Sodium Hypochlorite

Sodium Hypochlorite is a clear, pale yellow or greenish liquid with a chlorine odor.

Sodium Hypochlorite solution is to be ordered in truck load quantities. Deliveries to be made to 341 Caja del Rio Road, Santa Fe, NM 87507 Buckman Regional Water Treatment Facility plant site in tank trailers.

Delivery off-loading process will be by truck powered air pressure only.

An Affidavit of Compliance, and Certified Analysis to assure quality, with the chemical concentration, shall accompany each shipment. Each shipment shall also be accompanied by a weight certificate from a certified weigher.

Delivery shall be within three (3) days of ordering. Delivery will be Monday through Friday between the hours of 8:00 A.M. and 2:00 P.M. only. Offloading of chemicals will be in the presence of BDD Staff only. Supplier is responsible for all spill prevention during unloading and all cleanup and disposal for any unloading spills.

SODIUM HYPOCHLORITE QUALITY

Total sodium hypochlorite% 10% to 12.5%

The solution shall not contain more than 0.15% insoluble matter by weight.

Purchaser may require a sample from each load to check appearance. Purchaser will provide sample container if sample is required. If sample is required the driver will be required to obtain a representative sample.

Product must meet ANSI/AWWA Standard Specification B300-04 and certified to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects for use in drinking water.

Estimated use per year is 350,000 lbs.

EXCEPTIONS

**CITY OF SANTA FE
BID FORM
BID # '14/04/B**

EXCEPTIONS TO SPECIFICATIONS

Bidder is required to return **two (2) complete copies** of these specifications, completely furnishing all information requested. All requested information, data, literature, drawings, etc. must be included with the bid submitted.

Bidder must check one of the following:

- a. All specifications, terms and conditions are met.
- b. Exceptions have been taken and noted on attached sheet (s).

All variations and/or exceptions to the specifications must be documented, referencing applicable paragraph (s) and explained in detail. Attach as many pages as necessary. If no exceptions are taken, it will be assumed that the bid meets all specifications and terms and conditions as stated in this complete bid package. Failure to list exceptions may disqualify bid. Delivery of non-conforming goods is at the expense of the bidder and/or other penalties.

All other specifications not detailed herein shall be as listed in the manufacturer's printed literature for the current standard model. Manufacturer's printed literature and specifications sheets shall be submitted with the bid.

Exceptions will not necessarily eliminate the bid. City staff shall determine acceptance or non-acceptance of exceptions. Unless otherwise noted and approved, it is assumed that delivery of the unit shall be as stated.

Signed submission of this bid represents that the bidder has accepted all terms, conditions and requirements of the bid unless a written exception is made and, if awarded, the bid will represent the agreement between the parties. Additionally, by signing this bid, the bidder warrants that there was no collusion of any kind in submission of this bid.

WARRANTIES

Warranty required for material and workmanship for minimum of one year unless otherwise stated in the bid. Warranties shall begin when the City accepts satisfactory delivery of equipment from the bidder. The warranty contract shall be solely with the bidder and the bidder shall be responsible for ensuring all warranty work is satisfactorily completed on any component of the unit. All details of warranties shall be included with the bid.

State name, address and phone number of nearest authorized maintenance representative:

DELIVERY

Bids shall include all costs of delivery to the City of Santa Fe, the specific location to be as designated by City staff. Unit shall be completely operational and ready for use.

Date of delivery after notice to proceed:

_____ calendar days.

Bidder SHALL INCLUDE descriptive material such as plans, drawings, photographs, diagrams, illustrations, written descriptions and manufacturer's literature with specifications with the bid. Additional information or details may be required after the bid opening. Bids may be disqualified if such information is not adequate to make a reasonably informed decision as to qualify, design, capabilities, etc.

Item 1: Ferric Chloride Price Per LB (Estimated 800,000 LBS): _____

Total Bid Amount for 800,000 LBS: \$ _____

Item 2: Sodium Hydroxide Price Per LB 25% (Estimated 700,000 LBS): _____

Total Bid Amount for 700,000 LBS: \$ _____

Item 2: Sodium Hydroxide Price Per LB 50% (Estimated 700,000 LBS): _____

Total Bid Amount for 700,000 LBS: \$ _____

Item 3: Polymer Price Per LB (Estimated 20,000 LBS): _____

Total Bid Amount for 20,000 LBS: \$ _____

Item 4: Zinc Orthophosphate (ZOP) Price Per LB (50,000 LBS): _____

Total Bid Amount for 50,000 LBS: \$ _____

Item 5: Calcium Thiosulfate Price Per LB (Estimated 16,000 LBS): _____

Total Bid Amount of 16,000 LBS: \$ _____

Item 6: Sulfuric Acid Price Per LB (Estimated 36,000 LBS): _____

Total Bid Amount of 36,000 LBS: \$ _____

Item 7: Liquid Oxygen (LOX) Price Per cu.ft (Estimated 6,000,000 cu.ft): _____

Total Bid Amount of 6,000,000 cu.ft: \$ _____

Item 8: Hydrofluorosilicic Acid Price Per LB (Estimated 16,000 LBS): _____

Total Bid Amount of 16,000 LBS: \$_____

Item 9: Sodium Hypochlorite Price Per LB (Estimated 350,000 LBS): _____

Total Bid Amount of 350,000 LBS: \$_____

ADDITIONAL LBS OR Cu.Ft. MAY BE ORDERED BY THE CITY UNTIL DECEMBER 15, 2014:

\$_____

The City may extend the purchase of goods under this Bid at the option of the City for a period of four (4) years from the date of the executed purchase order, subject to the agreement of the offeror.

The City reserves the right to alter quantities based on availability of budget. If this will alter the bid amount, the bidder must note the percent increase for lesser quantities.

Price Escalation:

This offer may be considered for escalation under the following conditions:

- A. Offered prices will be firm through December 15, 2014 subject to escalation as allowed herein.
- B. All requested price increases shall be accompanied by a certified letter from the offeror's supplier showing the price increase to the offeror and providing the basis for the requested escalation, such as fuel increases or other demonstrable circumstances.
- C. All invoices of the offered items, from suppliers to the offeror, shall be subject to auditing by the City and furnished without delay upon request.
- D. The City reserves the right to cancel a contract resulting from this request and solicit a new contract if in the City's judgment the escalated price is above the current open market price for the same commodity. Cancellation of the contract shall not affect any outstanding orders.
- E. All approved price changes resulting from this escalation clause shall be firm for a period of ninety (90) calendar days after acceptance in writing by the City.
- F. The offeror shall be limited to a maximum of two price escalations per year from the date indicated below (subject to item E of this paragraph) unless otherwise specified in this request.
- G. If the offeror receives any price de-escalations from the supplier of goods sold to the City through a contract resulting from this request, the offeror is responsible

for notifying the City within twenty four (24) hours of such de-escalations and passing those price changes on to the City immediately.

BIDDER'S:

Firm

Address

Authorized Signature

Print Name

Position

Phone Number

Fax Number

DATE

N.M. RESIDENT PREFERENCE NUMBER (if applicable): _____

TWO COMPLETE COPIES OF THE BID SUBMITTAL IS REQUIRED

INSTRUCTIONS RELATING TO LOCAL PREFERENCE CERTIFICATION FORM

1. **All information must be provided.** A 10% local preference may be available for this procurement. To qualify for this preference, an offeror **must** complete and submit **the local preference certification form with its offer**. If an offer is received without the form attached, completed, notarized, and signed or if the form is received without the required information, the preference will not be applied. **The local preference form or a corrected form will not be accepted after the deadline for receipt of bids or proposals.**
2. **Local Preference precedence over State Preference:** The Local Preference takes precedence over the State Resident Preference and only one such preference will be applied to any one bid or proposal. If it is determined that the local preference applies to one or more offerors in any solicitation, the State Resident Preference will not be applied to any offers.
3. **Principal Office and location must be stated:** To qualify for the local preference, **the principal place of business of the enterprise must be physically located within the Santa Fe County Geographic Boundaries. The business location inserted on the Form must be a physical location, street address or such. DO NOT use a post office box or other postal address. Principal place of business must have been established no less than six months preceding application for certification.**
4. **Subcontractors do not qualify:** Only the business, or if joint venture, one of the parties of the joint venture, which will actually be performing the services or providing the goods solicited by this request and will be responsible under any resulting contract will qualify for this preference. A subcontractor may not qualify on behalf of a prime contractor.
5. **Definition:** The following definition applies to this preference.

A local business is an entity with its Principal office and place of business located in Santa Fe County.

A Principal office is defined as: The main or home office of the business as identified in tax returns, business licenses and other official business documents. A Principal office is the primary location where the business conducts its daily operations, for the general public, if applicable. A temporary location or movable property, or one that is established to oversee a City of Santa Fe project does not qualify as a Principal office.

Additional Documentation: If requested a business will be required to provide, within 3 working days of the request, documentation to substantiate the information provided on the form. Any business which must be registered under state law must be able to show that it is a business entity in good standing if so requested.

LOCAL PREFERENCE CERTIFICATION FORM

RFP/RFB NO: _____

Business Name: _____

Principal Office: _____
Street Address City State Zip Code

City of Santa Fe Business License # _____ (Attach Copy to this Form)

Date Principal Office was established: _____ (Established date must be six months before date of Publication of this RFP or RFB).

CERTIFICATION

I hereby certify that the business set out above is the principal Offeror submitting this offer or is one of the principal Offerors jointly submitting this offer (e.g. as a partnership, joint venture). I hereby certify that the information which I have provided on this Form is true and correct, that I am authorized to sign on behalf of the business set out above and, if requested by the City of Santa Fe, will provide within 3 working days of receipt of notice, the necessary documents to substantiate the information provided on this Form.

Signature of Authorized Individual: _____

Printed Name: _____

Title: _____ Date: _____

Subscribed and sworn before me by _____ this _____, day of _____

My commission expires _____
Notary Public

SEAL

YOU MUST RETURN THIS FORM WITH YOU OFFER

RESIDENT VETERANS PREFERENCE CERTIFICATION

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement.

Please check one box only:

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$1M but less than \$5M allowing me the 8% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$5M allowing me the 7% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I agree to submit a report or reports to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

In conjunction with this procurement and the requirements of this business application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, which awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.

I understand that knowingly giving false or misleading information on this report constitutes a crime.

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)*

(Date)

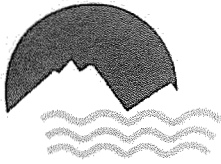
*Must be an authorized signatory of the Business.

The representation made by checking the above boxes constitutes a material representation by the business. If the statements are proven to be incorrect, this may result in denial of an award or un-award of the procurement.

SIGNED AND SEALED THIS _____ DAY OF _____, 2012.

NOTARY PUBLIC

My Commission Expires:



Buckman Direct Diversion Project

A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.

Memo

Date: July 24, 2013

To: Buckman Direct Diversion Board

From: Shannon Jones, Interim BDD Facility Manager *H*

ITEM AND ISSUE:

Creation of a Staff Advisory Group to Recommend a Process for Selecting the Buckman Direct Diversion Project Manager.

BACKGROUND AND SUMMARY:

On July 11, 2013, the BDDDB directed the BDD Facility Manager to create a Staff Advisory Group consisting of Santa Fe County Staff, City of Santa Fe Staff, and Buckman Direct Diversion Staff. This Staff Advisory Group will be charged with the creation of a process for selecting the BDD Project Manager as defined within the Joint Powers Agreement between the City of Santa Fe and the County of Santa Fe.

This group will meet at 9:00 am on August 12, 2013 at the Buckman Direct Diversion and will establish meeting guidelines and scheduling for this process.

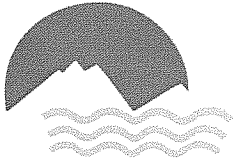
This process will include at a minimum; identification and description of the three (3) potential Project Manager Entities, Selection Criteria including a measurement matrix or scoring system, and timeline for this process including but not limited to; benchmarking process, critical path items, and deadline for completion. Once this process has been established and approved by the BDDDB, then selection of the next BDDDB Project Manager, pursuant to the approved process, can commence.

BDD Project Manager Selection Advisory Group

Santa Fe County	City of Santa Fe	Buckman Direct Diversion
Public Works Director	Public Utilities Director	Facility Manager
Public Utilities Director	Water Resource and Conservation Manager	Financial Manger
Financial Manger	Financial Manager	Administrative Coordinator

Positions identified will serve on this advisory group, or designate a representative to do so. During this process, other staff from the BDD, City, and/or County will be asked to participate in discussions and/or provide information to the Advisory Group.





Buckman Direct Diversion Project

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MEMORANDUM

Date: August 01, 2013

To: BDD Board

From: Rick Carpenter, BDD Project Manager *RC*
Nick Schiavo, Acting Water Division and PUD Director *NSA*

Via: Shannon Jones, Acting BDD Facility Manager

Subject: Status Update on BDD Project Solar Power Facility at Booster Station 2A
and Recommendation for Possible Future Change Order

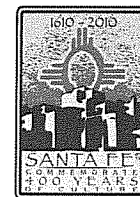
Status Update of BDD Photo Voltaic Project

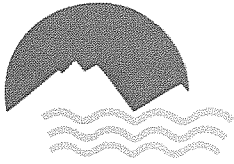
The focus of the past couple of months has been detailed review of the system design and project process agreement by all project team members including NMED, NMFA and the new project manager for the City, Rick Carpenter. One of the outcomes of this review is a recommendation to upgrade solar PV panel to reduce risk and maintenance costs for the system.

PNM completed initial screening and reserved the RECs for the project. The project is now in the queue for Supplemental Review by PNM which they have stated should take less than 12 months. To reduce risk, the decision has been made not to perform any construction until PNM approves the project. Lastly, the Storm Water Pollution Prevention Plan (SWPPP) has been completed.

Description and Justification for Possible Future Change Order

Over the past several weeks, staff has been working with the design engineering consultants on the design-build team, and the BDD Owners' Agent, to evaluate the efficacy of upgrading the solar panels to be used for the project. In short, the upgrade





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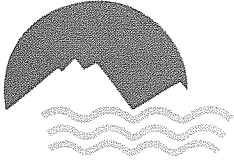
would result in an improved warranty, increased certainty of the financial solvency of the supplier, improved electrical energy output, increased design life of the panels, possible increase in renewable energy credits (RECs) from PNM, and a smaller footprint of the PV project site. The amount of the change order would be approximately \$137,800. Staff recommends upgrading the solar panels for the Buckman Direct Diversion Booster Station 2A (BDD BS2A) solar array from the Renesola, Chinese-based module to SunPower, a US-based module.

A more detailed explanation of the change order follows: Staff recommends the future change order for the following reasons:

1. The SunPower module has a 25 year product warranty that pays all costs associated with replacing a module. The Chinese module has a 10 year warranty and does not include labor to replace modules. The SunPower warranty will reduce the maintenance cost over the life of the system.
2. The Chinese manufacturer's, Renesola, financial and operational performance indicates that the company is at risk. This raises concern about this company's ability to honor product delivery and warranty responsibilities for the BDD BS2A solar system. SunPower has demonstrated much stronger corporate and operational performance.
3. The SunPower module provides higher output than the Renesola module which means the same amount of clean renewable solar electricity can be generated by an array with a 20% smaller footprint. This leaves room to add additional solar in the future to offset increased pumping costs as demand for water increases. The inverters on the system will be sized to facilitate adding solar panels in the future.
4. The SunPower module output starts out higher and degrades more slowly, meaning that the array will generate more energy later in its life. Renesola guarantees 80% output after 25 years whereas SunPower guarantees 87% output after 25 years. This provides financial benefit since energy will cost more in the future than it does today.
5. PNM has indicated that the REC assigned to this system may increase from \$0.015 to \$0.020. PNM has indicated that the REC payment will probably increase due to the lower wattage of the system. This would result in more REC income to the BDD from the system

Additionally, PNM's approval is required prior to construction and interconnection, and this project is currently under their review. PNM has indicated that this panel change should be made as soon as possible to avoid re-analysis and delay on their part.



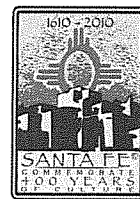


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RECOMMENDATION

Staff believes that the approximate \$137,800 future change order would bring significant value to the project and would be a prudent investment by the BDD Board. The change order would be funded with currently un-expended funds within the existing NMFA grant/loan assigned to the overall project. Therefore, staff recommends that the Board approve the future change order discussed above at the next BDD Board meeting, September 12, 2013



DRAFT

Owner Change Order

Project Name: Buckman Direct Diversion Dam – Booster 2A Solar Buckman Direct Diversion Board P.O. No. RFP 13/08/P
 CONTRACTOR: Bradbury Stamm Construction Date Prepared: 7/30/13
 Address: 7110 2nd St. NW Consultant: Smith Engineering
 City, State: Albuquerque, NM Project Manager: Art Peterson, P.E.
 Phone: 505-765-1200 FAX: 505-842-5419

Original Work Authorization Amount	\$	<u>4,420,210.00</u>
Current Work Authorization Amount	\$	<u>4,420,210.00</u>
Adjustment of This Work Order	\$	<u>137,800.00</u>
Revised Work Order Amount Total	\$	<u>4,558,010.00</u>
Original Work Order Time (Calendar Days)	<u>0</u>	Days
Current Time Before Increase	<u>0</u>	Days
Time Requested in this Authorization Adjustment	<u>0</u>	Days
Revised Work Order Time	<u>0</u>	Days
Original Completion Date	<u>11/30/13</u>	
Current Completion Date	<u>11/30/13</u>	
Revised Completion Date	<u>11/30/13</u>	

Reasons for Change(s): Changed Scope Field Conditions Over/Under Runs Emergency Design Change
 Cost Adjustment Was: Contact Unit Price Extension Negotiated Force Account Other

Approved:
W. A. Peterson 7/30/2013
 Bradbury Stamm Date

Smith Engineering Date

Buckman Direct Diversion Project Date

City of Santa Fe Date

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