



SUBCONTRACTOR BID FORM - REVISED 11.3.2014

Office: 520-207-8228 | Fax 623-582-3761
1904 W. Prince Rd., Tucson, AZ 85705
www.bfcontracting.com | License # AZ ROC-089744

To: B&F Contracting, Inc.

From: Jenco Construction LLC

4303 N. Romero Rd, Tucson AZ, 85705

Phone: (520) 888-3459

Email: jerry.jenco@yahoo.com

RE: Construction Manager at Risk Services for North Rillito Interceptor Rehabilitation
Pima County Project No. 3NRI14

Subject: Bid Due Date: Thursday 11/13/2014
Time: 4:00 PM
Location: B&F Tucson Office
1904 W. Prince Rd., Tucson, AZ

General Information:

B&F Contracting, Inc., acting as the CM@Risk Contractor is requesting proposals from approved contractors interested in furnishing subcontractor services for the project.

Plan Availability:

Electronic Copies of Project drawings and Specifications will be available for pickup at the B&F Tucson Office

**Bids will be received and opened privately by B&F with PCRWRD

1 Special Instructions to Bidders

- 1.01 Instruction to Bidders are provided for the purpose of clarifying the Subcontractor Bid Form. Each prospective Bidder shall review the below instructions and all documents prior to submission of their respective bid.
- 1.02 If prospective bidder elects not to bid, please inform B&F Contracting Inc. in writing immediately via fax or email.
- 1.03 Bids can be submitted electronically (dfoley@bfcontracting or tomf@bfcontracting.com), fax (623.582.3761) or hand delivered at the B&F Tucson Office by 4:00 PM Arizona time Thursday November 13, 2014, located at 1904 W. Prince Rd., Tucson, AZ.
- 1.04 Any bids received after 4:00 PM on November 13, 2014 will be considered non-responsive and not be read at the bid opening. Telephone bids will not be accepted, email or fax bids are acceptable. Fax bids will be sent to 623.582.3761. If the bidding contractor elects to fax or email their bid it will be their responsibility to call and confirm receipt of your faxed or emailed bid before the bid due time.
- 1.05 Any and all questions related to this bid shall be directed in writing via email to Dan Foley at the email addresses listed above. The last day for questions to be answered will be Friday November 7, 2014.
- 1.06 Bids are required to be submitted on the 'Subcontractor Bid Form'. Please insert N/A on bid items outside your scope.
- 1.07 Receipt and review of Addenda and/or Amendments shall be acknowledged by the Bidders on their completed Subcontractor Bid Form
- 1.08 B&F to provide electronic copies of plans, specifications, as-builts, pre-videos, inspection reports, etc., to bidding contractors on usb flash drive. Bidding contractors to return flash drives after bid period is complete.
- 1.09 Pima County Regional Wastewater Reclamation Department and B&F Contracting reserve the right to accept or reject any and/or all Bids.
- 1.1 Pima County Regional Wastewater Reclamation Department and B&F Contracting reserve the right to waive any informality in any Bid.
- 1.11 Prospective bidders are to refrain from contacting the Owner or Designer with questions regarding the Bid. All questions are to be directed to B&F Contracting, Inc.
- 1.12 Bids received after the bid due date/time will not be considered. Any bid modification received after the bid date/time will not be considered.
- 1.13 Contractor selection criteria for the rehabilitation work will be based on the following criteria: Price, Qualifications and Schedule.

- 1.14 The bidder assumes full responsibility for timely delivery at the location specified for receipt of bids.
- 1.15 Bids which modify any of the provisions of the Bidding or Contract documents will not be considered.
- 1.16 A Bid that is in the possession of B&F Contracting Inc. may be withdrawn by the bidder up to the time of the bid opening.
- 1.17 Each Bidder shall provide unit prices in accordance with the required Bid Schedule
- 1.18 Bid pricing shall include but is not limited to the following: Any and all costs for fabrication, delivery and expeditious delivery, layout, supervision, labor, materials, equipment, uncrating, setting, hoisting, installation, parking, storage, insurance, permits, engineering, supervision tools, payroll taxes, escalation, overhead, profit, shop drawings, submittals, samples, mock ups, overtime or weekend work and any other costs necessary to complete the work required in accordance with all associated project documents per the provided construction schedule.
- 1.19 Bid prices shall be based on earliest attainable delivery without incurring additional costs to the owner.
- 1.20 The successful Bidder will be notified only after a thorough review and evaluation of all the bids that have been made to the PCRWRD and B&F Contracting. Bid evaluations will be based on but not limited to: Scope, price qualifications and ability to meet the construction schedule. A post bid interview may also be required.
- 1.21 CIPP Lining Contractors are required to submit CIPP shot schedule with bid documents. Failure to submit CIPP shot schedule with the bid documents will result in the rejection of your bid proposal. Please include Reach I.D., Length, Thickness, Inversion/Tail MH's, Etc.
- 1.22 Each bidder shall include overtime rates/pricing into their bid. This project will have a 24/7 schedule with 7-day work weeks to meet the construction schedule provided with the bid documents. B&F will not accept additional costs for overtime rates.
- 1.23 CIPP & Manhole Contractors are to submit crew availability and quantities to B&F Contracting with their bid. A Microsoft Word document will be acceptable.
- 1.24 CIPP Lining & MH Rehab Contractors are to commit and maintain multiple consistent crews and foreman for each of the phases. The interchanging of crew and personnel from phase to phase will not be accepted on this project.
- 1.25 CIPP & Manhole Contractors are to submit a list including key personnel on the project (Superintendent & Project Manager) to B&F Contracting Inc. for review with the bid documents.
- 1.26 CIPP & Manhole Contractors are to submit a list showing your current workload in the Southwest Region, where crews specific to AZ are currently being utilized. Please list project name, size, schedule and crew commitments.
- 1.27 No more than 1 major intersection may be blocked at a time by either the CIPP, Manhole Rehab or Bypass Pumping contractor.
- 1.28 CIPP Lining contractors are to refrain and/or limit inversion in private properties where access is limited (i.e. backyard, driveway, landscaped areas) All manholes residing in these areas will need to be used as "Tail Manholes" or "Thru Manholes" for the liner.
- 1.29 Bypass Pumping for the NRI sewer flows and all incoming lateral flows will be handled by B&F Contracting. Please do not include these costs in your bid.
- 1.30 Manhole Rehab Contractor to provide and place their own plugs as required to complete their own scope of work, and to maintain a dry work environment.
- 1.31 It is B&F Contracting's intent to award the CIPP lining contract for the entire project to one (1) Contractor
- 1.32 Manhole Rehabilitation Contractor to verify that their product is on the PCRWRD's Approved Product List.
- 1.33 The MH Coating/Rehab work could possibly be split between two (2) contractors due to SBE/DBE Compliance with Pima County Procurement.
- 1.34 Temperature sensor cable to continuously monitor the cure temperature of CIPP liner along the entire length of pipe, to be provided by the CIPP contractor
- 1.35 MH Coating to provide sandbagging or plugging for nuisance water during all MH underlayment and Coating operations at each individual MH. B&F to provide all mainline flow management for 8-inch and larger flows, but cannot guarantee a completely dry manhole condition.
- 1.36 CIPP & Manhole Coating Contractors are required to field verify existing conditions of sewer and manhole diameters prior to bidding this project. It is expected that any variation from the B&F provided bid schedule be included within your unit cost. It is up to the bidding contractor to confirm existing sizes of the Interceptor and manholes, and cross reference with the Pima County GIS System, As-Builts and MH Inspection Reports.
- 1.37 Manhole Coating Rehabilitation work includes, but is not limited to: Surface Preparation Work, Build-Back, Re-Work of Invert and/or Channels, Chipping, Demolition Re-Profiling and Corrosion Resistant Coatings as called out on the Manhole Inspection Report provided on the USB drive. Please pay attention to Brown & Caldwell's specific recommendations for repair at each manhole and include them with your VF pricing.
- 1.38 Please provide a list of your current workload in Arizona, Nevada and California with the assigned key personnel managing those projects.
- 1.39 B&F will require full time supervision from the MH Coating and CIPP Lining Contractors. It is a requirement to provide full time onsite supervision throughout the course of this project.

- 1.40 A pre-liner is required for CIPP Lining of existing Coated ACP sewer lines. B&F has provided initial quantities below on the bid schedule but the CIPP contractor is tasked with field verifying those quantities.
- 1.41 Only CIPP Lining Contractors are required to provide a Payment/Performance Bond on this project per Item 12 below. Please include this cost under the 'Bond' section of this bid for consideration (do not include in your unit cost).
- 1.42 Water Cure is the only acceptable curing/inversion method on this project. Air/Steam will not be accepted and is grounds for disqualification if included in your bid.
- 1.43 MH Rehabilitation/Coating Contractor to provide three (3) year warranty/maintenance bond with their bid. Contractor to provide breakout pricing for this cost on the bottom of the bid schedule below (not in the VF unit pricing).
- 1.44 Lining Contractors to provide all styrene monitoring per the RWRD Specifications.
- 1.45 B&F to provide all new manhole frame/covers and concrete collars.
- 1.46 MH rehabilitation/Coating Contractor to pay close attention to new MH Coatings Specifications provided for this project. This specification is brand new for the county and has not been used in the past. Please review the revised cleaning, underlayment, finish and testing requirements outlined.
- 1.47 CIPP Lining Contractors are not to include costs for cleaning, pre and post video in your unit prices. B&F to provide. B&F expects the CIPP Lining Contractor to take part in the coordination and scheduling process for the clean/cctv subcontractor.
- 1.48 MH Coating Contractor to provide costs for removal of existing steps and replacement with new in their VF unit pricing on the bid schedule below.
- 1.49 MH Coating Contractor to remove any T-Lock as necessary at existing manholes.
- 1.50 CIPP Lining Contractor to provide all 'End Seals' using Neopoxy or similar product to complete their own scope of work
- 1.51 MH Coating Contractor scope of work includes coating of the invert to match the thickness of the CIPP Lining. Also include costs for coating and Tie-In to CIPP liner at "Lined Through Manholes" and "Tail End" with compatible product, and CIPP 'End Seal Work'
- 1.52 CIPP Lining contractor to provide their own construction water for CIPP lining operations, including, but not limited to; hydrant meters, piping, valves permits, water ramps, etc.. If any trenching is required for roadway crossings, please provide the areas and dimensions on an extra sheet with your bid.
- 1.53 CIPP Lining contractor to furnish and install hydrophilic seals between the host pipe and new CIPP Linner at each manhole.
- 1.54 MH 8716-04 to 8716-03 in Phase 1 has been previously CIPP lined on a recent project. Please do not include CIPP costs for this reach.
- 1.55 MH Coating contractor to review Sabino Creek Siphon Inlet & Outlet Structure As-built Drawings for rehabilitation and coating work at 4466-IN & 4466-OUT. Work scope includes, but is not limited to, cleaning, coating and new redwood diversion stop logs. B&F remove and replace existing concrete lids with new precast material that will need to be coated.
- 1.56 CIPP & MH Coating Contractors are to provide daily cleanup of the jobsite and manholes/reaches. It is expected for MH Contractors to cleanup all debris generated from cleaning, preparation and coating activities.
- 1.57 CIPP Contractor to provide a letter from your bonding company that you have the capacity to provide a payment/performance bond for this project.
- 1.58 Bidding Contractors to adhere to Pima County, 2012 Engineering Design Standards and Standard Specifications and Details for Construction 2012
- 1.59 Additional installation days for CIPP or MH Coating Work, outside of your Calendar Days listed above will result in the MH Coating Contractor furnishing and installing flow thru plugs to complete their own scope of work if the flow management system is removed.
- 1.60 A Payment/Performance bond is not required for MH Rehabilitation/Coating Contractors
- 1.61 There will be no liquidated damages assessed on this project.
- 1.62 Please see the attached RFI's for further clarification for the MH Coatings/Rehabilitation Work.
- 1.63 Coating Contractors will be required to perform the rehabilitation and coating of the manhole bases, channels, bench and inverts first, as part of your rehabilitation sequence of work. Once the work is completed, inspected and approved on the manhole bases, B&F will release sewer flows and shutdown the Flow Management System. The Coating contractor can then focus their efforts on the rehabilitation and coating of the manhole barrel sections. Focusing on the bases, allows for a greater costs savings to the county, and eliminates any schedule delays and cost risks associated with the operation of the bypass system. If coating contractors are geared up with multiple crews, and have the manpower to complete all rehabilitation and coating activities within the same timeframe that is preferred and you will not be limited.
- 1.64 Please review the Revised Technical Specifications for MH Rehabilitation and Corrosion Protectant Coatings dated 10.23.2014 for this bid. The county has made several changes for this new bid, and B&F highly emphasizes a thorough review of these new specifications.
- 1.65 B&F has ICRI CSP Sample Chips in our Tucson Office if any of the subcontractors would like to see them in regards to the roughness/smoothness specification for underlayment and final surface coating.

2 Mandatory Pre-Bid Meeting

A Mandatory Pre-Bid Conference has been scheduled for 9/30/2014 at 10:00 am and will be held at the PCRWRD Conveyance Office located at 3355 N. Dodge Blvd., Tucson, AZ

3 Project Schedule:

| | |
|---|---|
| Bid Documents available to Subcontractors | 28-Oct-14 |
| Mandatory Pre-Bid Meeting | Not Schedule (Unless there is interest) |
| Final Day for Questions | 7-Nov-14 |
| Bid Due Date | 13-Nov-14 |
| Bid Review | November 13th through November 21st |
| Subcontractor Notification of Selection | Week of the November 24th |
| Submittal Due Date | 8-Dec-14 |
| Notice to Proceed | 1-Dec-14 |

4 North Rillito Interceptor - As-Builts

Electronic copies have been made available for the as-builts associated with the NRI Rehab Project. Please review these to verify shot lengths, dimensions, manhole sizes, structures, pipe materials and interior diameter prior to the bid and ordering of materials.

5 North Rillito Interceptor - Manhole Inspection Report

Electronic copies of the manhole inspection report have been made available to all potential MH & CIPP contractors prior to the bid. Please pay particular attention to the notes and photos of the manholes in regards to the condition of the existing channels and benches. The costs for rehabilitating these will need to be included in your VF price for manhole rehabilitation.

6 Flow Management Plans - Phase 1, 2, & 5

B&F will make available electronic copies of our flow management plans for Phase 1, 2 & 5, as they have been developed and approved at this point. The limits of Phases 3, 4 & 6 will be shown on a conceptual map. Phase 3 is tentatively from Sabino Canyon Rd. to Craycroft. Phase 4 Craycroft to Swan. Phase 6 is from Alvernon Way to Campbell Rd.

7 Project Sequence & Scheduling

This project will be broken into six (6) separate Rehabilitation Phases along the Rillito River. With the anticipation of each phase lasting 3-4 months for all rehabilitation and repair type work (New MH's, CIPP, Structures, Point Repairs, etc.). It is anticipated that there will be lags between each phases of roughly one (1) month to allow for the FMP installation, where there will be no CIPP or MH Rehab work taking place. See below for the phase limits:

- Phase 1 - Woodland Rd. to the Sabino Creek
- Phase 2 - Sabino Creek to 800' west of Sabino Canyon Rd.
- Phase 3 - Sabino Canyon Rd. to Craycroft Rd.
- Phase 4 - Craycroft Rd. to Swan Rd.
- Phase 5 - Swan Rd. to Alvernon
- Phase 6 - Alvernon to Campbell Rd.

Phase 1 Rehabilitation Section

This section encompasses the CIPP lining and Manhole Rehab work from (MH's 8716-20 to SIPHON 4466-IN). Approximately from Woodland Rd. to west of Tanque Verde Rd. ending at the Sabino Creek

Phase 2 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (4466-OUT to 1700-04). Approximately from the Sabino Creek to just west of Sabino Canyon Rd.

Phase 3 Rehabilitation Section

This phase encompasses the CIPP lining and Manhole Rehab work from MH's (1700-04 to 5033-03). Approximately from west of Sabino Canyon Road to just west of Craycroft Rd.

Phase 4 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (5033-03 to 1712-01). Approximately from west of Craycroft Rd. to east of Swan Rd.

Phase 5 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (1712-01 to 1710-05). Approximately from east of Swan Rd. to Alvernon Way.

Phase 6 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (1710-05 to 8809-01). Approximately from Alvernon Way to west of Campbell Rd.

8 Bid Schedule

A. Phase 1 Rehabilitation Section - Woodland Rd to Sabino Creek Siphon (MH 8716-20 to 4466-IN)

MANHOLE REHABILITATION & COATING - PHASE 1

| | | | | | |
|---|---|-----|----|------------|--------------|
| 1 | Rehabilitate & Coat Existing Manholes | 181 | VF | \$785.00 | \$142,085.00 |
| 2 | Rehabilitate & Coat Existing Base for MH Structural Inserts (MH 8716-05 & 8716-04) | 2 | EA | \$1,790.00 | \$3,580.00 |
| 3 | Coat New CIP MH Base for 72" Manhole Removal/Replacement (MH 8716-07, 8716-06, 8716-03) | 3 | EA | \$1,990.00 | \$5,970.00 |
| 4 | Adhesion Tests | 20 | EA | \$200.00 | \$4,000.00 |
| 5 | 1-inch additional underlayment application for extremely deteriorated manholes | 45 | VF | \$175.00 | \$7,875.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$163,510.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings 45 Days

Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

B. Phase 2 Rehabilitation Section - Sabino Creek Siphon to Sabino Creek Road (4466-OUT to 1700-04)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 2

| | | | | | |
|---|---|-----|----|------------|--------------|
| 1 | Rehabilitate & Coat Existing Manholes | 160 | VF | \$785.00 | \$125,600.00 |
| 2 | Rehabilitate & Coat Existing Base for MH Structural Insert (MH 1700-12) | 1 | EA | \$1,790.00 | \$1,790.00 |
| 3 | Coat New CIP MH Base for 60" Manhole Removal/Replacement (MH 1700-07) | 1 | EA | \$1,990.00 | \$1,990.00 |
| 4 | Coat New CIP MH Base for 84" Manhole Removal/Replacement (MH 1700-15, 6295-01, 1700-11, 1700-09, 1700-08) | 5 | EA | \$2,550.00 | \$12,750.00 |
| 5 | Adhesion Tests | 20 | EA | \$200.00 | \$4,000.00 |
| 6 | 1-inch additional underlayment application for extremely deteriorated manholes | 44 | VF | \$175.00 | \$7,700.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$153,800.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings 45 Days

**Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

C. Phase 3 Rehabilitation Section - Sabino Canyon Rd. to Craycroft Rd (MH 1700-04 to 5033-03)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 3

| | | | | | |
|---|--|-----|----|----------|--------------|
| 1 | Rehabilitate & Coat Existing Manholes | 423 | VF | \$785.00 | \$332,055.00 |
| 2 | Adhesion Tests | 12 | EA | \$200.00 | \$2,400.00 |
| 3 | 1-inch additional underlayment application for extremely deteriorated manholes | 106 | VF | \$175.00 | \$18,550.00 |
| SUBTOTAL - MH REHABILITATION & COATINGS | | | | | \$353,005.00 |

****Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):**MH Coatings 60 Days****Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:****D. Phase 4 Rehabilitation Section - Craycroft Rd to Swan Rd (MH 5033-03 to 1712-01)**

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 4

| | | | | | |
|---|--|-----|----|----------|--------------|
| 1 | Rehabilitate & Coat Existing Manholes | 141 | VF | \$785.00 | \$110,685.00 |
| 2 | Adhesion Tests | 5 | EA | \$200.00 | \$1,000.00 |
| 3 | 1-inch additional underlayment application for extremely deteriorated manholes | 36 | VF | \$175.00 | \$6,300.00 |
| SUBTOTAL - MH REHABILITATION & COATINGS | | | | | \$117,985.00 |

****Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):**MH Coatings 33 Days****Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:**

E Phase 5 Rehabilitation Section - Swan Rd to River and Alvernon Way (MH 1712-01 TO 1710-05)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 5

| | | | | | |
|---|--|-----|----|----------|--------------|
| 1 | Rehabilitate Existing Sewer Manholes | 220 | VF | \$785.00 | \$172,700.00 |
| 2 | Adhesion Tests | 5 | EA | \$200.00 | \$1,000.00 |
| 3 | 1-inch additional underlayment application for extremely deteriorated manholes | 55 | VF | \$175.00 | \$9,625.00 |
| SUBTOTAL - MH REHABILITATION & COATINGS | | | | | \$183,325.00 |

****Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):**

MH Coatings 33 Days

****Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:**

F Phase 6 Rehabilitation Section - River and Alvernon Way to West of Campbell (MH 1710-05 TO 8809-01)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 6

| | | | | | |
|---|--|-----|----|------------|--------------|
| 1 | Rehabilitate Existing Sewer Manholes | 653 | VF | \$785.00 | \$512,605.00 |
| 2 | Coat New CIP MH Base for 84" Manhole Removal/Replacement (MH 1708-34A) | 1 | EA | \$2,550.00 | \$2,550.00 |
| 3 | Coat New CIP MH Base for 120" Manhole Removal/Replacement (MH 1708-36, 1708-34, 1708-25) | 3 | EA | \$2,990.00 | \$8,970.00 |
| 4 | Adhesion Tests | 26 | EA | \$200.00 | \$5,200.00 |
| 5 | 1-inch additional underlayment application for extremely deteriorated manholes | 164 | VF | \$175.00 | \$28,700.00 |
| SUBTOTAL - MH REHABILITATION & COATINGS | | | | | \$558,025.00 |

****Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):**

MH Coatings 78 Days

****Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:**

NORTH RILLITO INTERCEPTOR REHABILITATION BID RECAP

Phase 1 Rehabilitation Section TOTAL BASE BID (ITEM A) \$163,510.00

Phase 2 Rehabilitation Section TOTAL BASE BID (ITEM B) \$153,830.00

Phase 3 Rehabilitation Section TOTAL BASE BID (ITEM C) \$353,005.00

Phase 4 Rehabilitation Section TOTAL BASE BID (ITEM D) \$117,985.00

Phase 5 Rehabilitation Section TOTAL BASE BID (ITEM E) \$183,325.00

Phase 6 Rehabilitation Section TOTAL BASE BID (ITEM F) \$558,025.00

MH Coatings - 3 Year Warranty/Maintenance Bond COST \$27,535.00

PROJECT TOTAL \$1,557,215.00

G ADD ALTERNATES

| Item Number & Description | Quantity | Unit | Unit Price | Total |
|---|----------|------|-------------|-------------|
| 1 Rehabilitate & Coat Existing Sabino Creek Siphon Inlet & Outlet Structure. Including new redwood diversion stop logs. (*B&F to provide new precast structure lids and openings) | 2 | EA | \$28,120.00 | \$56,240.00 |
| 2 Adhesion Tests for Siphon Inlet & Outlet Rehabilitation | 8 | EA | \$200.00 | \$1,600.00 |
| 3 Specification Item E.3.i - Efforts for cosmetic finish work to provide irregularity free uniform finish, free from trowel marks, voids, depressions, ripples, waves, bubbles, bumps or cracking in the final coating layer using an approved repair method. To provide uniform profile for coating. | 1 | HR | \$1,000.00 | \$1,000.00 |

- 1 Crew Availability, Crew Size, Crew Quantity
- 2 Key Personnel
- 3 Current Workload

Time is of the essence. Bidder agrees to complete their own scope of work in the allotted Calendar Days listed above on the bid schedule. Failure to meet this schedule due to non-performance is not acceptable. MH Coating contractor to provide sufficient crews to perform separate work functions in multiple manholes at a time.

MH COATING INSTALLATION CALENDARS DAYS 294 Days

Total amount (or percentage) to be added to this Bid if Bidder is required to provide Performance and Payment Bond is 1.50 %. The subcontractor must list their bonding company and agent with a phone number and contact name.

Surety Company: The Hartford

Agent/Firm: Ronald Estabrook/ Brown & Brown Insurance

Agent Name/Phone Number: (928) 776-2710

The following Tiered-Subcontractors are proposed to perform work on this Project. This list is complete and no additional subcontractors shall be allowed on the project site without prior approval:

| <u>Company</u> | <u>Phone</u> | <u>Scope of Work</u> |
|----------------|--------------|----------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

The following Suppliers/Vendors and Products will be used to complete this Project. This list is complete and no changes shall be allowed prior to approval (CIPP bidder shall include proposed liner design and mill thickness, liner manufacturer and resin supplier below).

| <u>Approved Supplier/Vendor</u> | <u>Product/Materials Supplied</u> |
|---------------------------------|-----------------------------------|
| <u>R&S / Sauererisen</u> | <u>Sewergard 210</u> |
| | |
| | |
| | |

Yes **X** No

15 Insurance

Bidders insurance coverage meets or exceeds the PCRWRD's contract requirements:

Yes X No _____

The subcontractor must list their insurance company and agent with a contact name and number.

Insurance Company: Brown & Brown InsuranceAgent/Firm: Lisa Brode / Brown & Brown InsuranceAgent Name / Phone Number: (602) 664-7055**16 Pollution Insurance**

CIPP Bidder shall furnish a Contractor's Pollution Liability coverage, with limits of liability no less than \$2,000,000 / event and \$4,000,000 aggregate. Bidders' pollution liability insurance coverage meets or exceeds this requirement.

Yes _____ No _____

17 Proposal Documents

Project Drawings - PCRWRD Project No. 3NRI14 dated 2/05/2013

Technical Specifications - PCRWRD Project No. 3NRI14 dated 2/05/2013

CCTV Pre-Video

NRI As-Built

ACP CIPP Lining Investigation Videos (Pre & Post Lining)

Manhole Investigation Report performed by Brown and Caldwell

Manhole Investigation Photos of MH Interior

Flow Management Plan provided by B&F Contracting Inc. (Phase 1, 2 & 5)

18 Liquidated DamagesTHERE ARE NO LIQUIDATED DAMAGES**19 Acknowledgments**

JP Addendum 1 Dated 7 Oct 14
Addendum 3 Dated 7 Oct 14
Addendum 3 Dated 9 Oct 14

Addendum 4
Addendum _____
Addendum _____

Dated 3 Nov 14 *9R*
Dated _____
Dated _____

Bidder Acknowledgement:

Bidder acknowledges the above addenda and once submitted, this Bid may not be altered, amended or withdrawn for a period of (90) days without prior written consent of B&F Contracting, Inc.

20 Signature

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a sub-contract agreement with B&F Contracting Inc.

Company / Bidder: Jenco Construction LLCSignature: *[Signature]*Title: General ManagerDate: 11/13/2014Arizona Contractors License No: AZ ROC # 280413 CLASS A

Jenco Construction LLC

4303 N. Romero Rd., Tucson, AZ 85705

AZ ROC# 280413

Cell: 520-471-0696 Fax: 520-888-3468 Email: jerry.jenco@yahoo.com

11/13/2014

Dan Foley
B&F Contracting, Inc
11011N. 23rd Ave.
Phoenix, AZ 85029

Re: Pending Coating Projects

Dear Mr. Foley,

Below is a list of Jenco Construction's Pending coating projects and a brief description of where the projects currently stand.

1. Coronado Septic Repair- Utility Underground- Not yet started; 2 Ea Septic Tanks; approximately 2 weeks of work
2. Rose Street Improvements- RTR Paving- Not yet started; 9 Ea Sanitary Sewer Manholes; 2 weeks of work
3. PCRWRD 2727 W. Ft Lowell- KE&G- Not Yet Started; 1 Ea Sanitary Sewer Manhole; 2 days of work

Thank you,



Jerry Lee/Jenco Construction

Jenco Construction LLC

4303 N. Romero Rd., Tucson, AZ 85705

AZ ROC# 280413

Cell: 520-471-0696 Fax: 520-888-3468 Email: jerry.jenco@yahoo.com

11/13/2014

Dan Foley
B&F Contracting, Inc
11011N. 23rd Ave.
Phoenix, AZ 85029

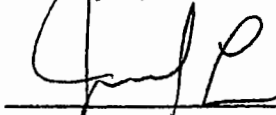
Re: Projects Completed

Dear Mr. Foley,

Below is a list of Jenco Construction's Completed coating projects in Pima County

1. University of Arizona Sanitary Sewer Rehabilitation- Sun Mechanical: Completed 38 Ea Sanitary Sewer Manholes
2. 18800 S. Green Valley Road- KE&G Construction- Completed 5 Ea Sanitary Sewer Manhole Rehab
3. Manhole Rehab Campbell Ave- B&F Contracting- Completed 5 Ea Sanitary Sewer Manhole Rehab
4. 1000 Calle San Salvador- KE&G Construction- Completed 17 Ea Sanitary Sewer Manhole Rehabs
5. Manhole Rehab at Tyndell and Forgues- B&F Contracting- Completed 2 Ea Sanitary Sewer Manholes
6. PCRWRD Ash Ave Sewer Replacement for KE&G- Completed 2 Ea Sanitary Sewer Manholes
7. Santa Cruz river Bank Protection- The Ashton Company- Completed 1 Ea Sanitary Sewer Manhole
8. Pantano Interceptor Sewer- The Ashton Company- Completed 8 Ea Sanitary Sewer Manholes

Thank you,



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11/13/2014

Dan Foley
B&F Contracting, Inc
11011N. 23rd Ave.
Phoenix, AZ 85029

Re: List of Key Personnel

Dear Mr. Foley,

Below is a list of Jenco Construction's Key Personnel for North Rillito Rehabilitation

1. Pedro Botello- Coating Supervisor
2. David Pena-
3. Jesus Rodriguez-
4. Adan Montero

Thank you,



Jerry Lee/Jenco Construction

Jenco Construction LLC

4303 N. Romero Rd., Tucson, AZ 85705

AZ ROC# 280413

Cell: 520-471-0696 Fax: 520-888-3468 Email: jerry.jenco@yahoo.com

11/13/2014

Dan Foley
B&F Contracting, Inc
11011N. 23rd Ave.
Phoenix, AZ 85029

Re: Crew Availability

Dear Mr. Foley,

Jenco Construction will be available upon notice to proceed and will be able to support the job phase by phase.

Thank you,



Jerry Lee / Jenco Construction



SUBCONTRACTOR BID FORM - REVISED 11.3.2014

Office: 520-207-8228 | Fax 623-582-3761
1904 W. Prince Rd., Tucson, AZ 85705
www.bfcontracting.com | License # AZ ROC-089744

To: B&F Contracting, Inc.

From: SOUTHWEST ENVIRONMENTAL, INC.

DON MCDOWELL

Phone: 602 403 1423

Email: DMCDOWELL@SWETINC.COM

RE: Construction Manager at Risk Services for North Rillito Interceptor Rehabilitation
Pima County Project No. 3NRI14

Subject: Bid Due Date:

Thursday 11/13/2014

Time:

4:00 PM

Location:

B&F Tucson Office

1904 W. Prince Rd., Tucson, AZ

General Information:

B&F Contracting, Inc., acting as the CM@Risk Contractor is requesting proposals from approved contractors interested in furnishing subcontractor services for the project.

Plan Availability:

Electronic Copies of Project drawings and Specifications will be available for pickup at the B&F Tucson Office

****Bids will be received and opened privately by B&F with PCRWRD**

1 Special Instructions to Bidders

- 1.01 Instruction to Bidders are provided for the purpose of clarifying the Subcontractor Bid Form. Each prospective Bidder shall review the below instructions and all documents prior to submission of their respective bid.
- 1.02 If prospective bidder elects not to bid, please inform B&F Contracting Inc. in writing immediately via fax or email.
- 1.03 Bids can be submitted electronically (dfoley@bfcontracting.com or tomf@bfcontracting.com), fax (623.582.3761) or hand delivered at the B&F Tucson Office by 4:00 PM Arizona time Thursday November 13, 2014, located at 1904 W. Prince Rd., Tucson, AZ.
- 1.04 Any bids received after 4:00 PM on November 13, 2014 will be considered non-responsive and not be read at the bid opening. Telephone bids will not be accepted, email or fax bids are acceptable. Fax bids will be sent to 623.582.3761. If the bidding contractor elects to fax or email their bid it will be their responsibility to call and confirm receipt of your faxed or emailed bid before the bid due time.
- 1.05 Any and all questions related to this bid shall be directed in writing via email to Dan Foley at the email addresses listed above. The last day for questions to be answered will be Friday November 7, 2014.
- 1.06 Bids are required to be submitted on the 'Subcontractor Bid Form'. Please insert N/A on bid items outside your scope.
- 1.07 Receipt and review of Addenda and/or Amendments shall be acknowledged by the Bidders on their completed Subcontractor Bid Form
- 1.08 B&F to provide electronic copies of plans, specifications, as-builts, pre-videos, inspection reports, etc., to bidding contractors on usb flash drive. Bidding contractors to return flash drives after bid period is complete.
- 1.09 Pima County Regional Wastewater Reclamation Department and B&F Contracting reserve the right to accept or reject any and/or all Bids.
- 1.1 Pima County Regional Wastewater Reclamation Department and B&F Contracting reserve the right to waive any informality in any Bid.
- 1.11 Prospective bidders are to refrain from contacting the Owner or Designer with questions regarding the Bid. All questions are to be directed to B&F Contracting, Inc.
- 1.12 Bids received after the bid due date/time will not be considered. Any bid modification received after the bid date/time will not be considered.
- 1.13 Contractor selection criteria for the rehabilitation work will be based on the following criteria; Price, Qualifications and Schedule.

- 1.14 The bidder assumes full responsibility for timely delivery at the location specified for receipt of bids.
- 1.15 Bids which modify any of the provisions of the Bidding or Contract documents will not be considered.
- 1.16 A Bid that is in the possession of B&F Contracting Inc. may be withdrawn by the bidder up to the time of the bid opening.
- 1.17 Each Bidder shall provide unit prices in accordance with the required Bid Schedule
- 1.18 Bid pricing shall include but is not limited to the following: Any and all costs for fabrication, delivery and expeditious delivery, layout, supervision, labor, materials, equipment, uncrating, setting, hoisting, installation, parking, storage, insurance, permits, engineering, supervision tools, payroll taxes, escalation, overhead, profit, shop drawings, submittals, samples, mock ups, overtime or weekend work and any other costs necessary to complete the work required in accordance with all associated project documents per the provided construction schedule.
- 1.19 Bid prices shall be based on earliest attainable delivery without incurring additional costs to the owner.
- 1.20 The successful Bidder will be notified only after a thorough review and evaluation of all the bids that have been made to the PCRWRD and B&F Contracting. Bid evaluations will be based on but not limited to: Scope, price qualifications and ability to meet the construction schedule. A post bid interview may also be required.
- 1.21 CIPP Lining Contractors are required to submit CIPP shot schedule with bid documents. Failure to submit CIPP shot schedule with the bid documents will result in the rejection of your bid proposal. Please include Reach I.D., Length, Thickness, Inversion/Tail MH's, Etc.
- 1.22 Each bidder shall include overtime rates/pricing into their bid. This project will have a 24/7 schedule with 7-day work weeks to meet the construction schedule provided with the bid documents. B&F will not accept additional costs for overtime rates.
- 1.23 CIPP & Manhole Contractors are to submit crew availability and quantities to B&F Contracting with their bid. A Microsoft Word document will be acceptable.
- 1.24 CIPP Lining & MH Rehab Contractors are to commit and maintain multiple consistent crews and foreman for each of the phases. The interchanging of crew and personnel from phase to phase will not be accepted on this project.
- 1.25 CIPP & Manhole Contractors are to submit a list including key personnel on the project (Superintendent & Project Manager) to B&F Contracting Inc. for review with the bid documents.
- 1.26 CIPP & Manhole Contractors are to submit a list showing your current workload in the Southwest Region, where crews specific to AZ are currently being utilized. Please list project name, size, schedule and crew commitments.
- 1.27 No more than 1 major intersection may be blocked at a time by either the CIPP, Manhole Rehab or Bypass Pumping contractor.
- 1.28 CIPP Lining contractors are to refrain and/or limit inversion in private properties where access is limited (i.e. backyard, driveway, landscaped areas) All manholes residing in these areas will need to be used as "Tail Manholes" or "Thru Manholes" for the liner.
- 1.29 Bypass Pumping for the NRI sewer flows and all incoming lateral flows will be handled by B&F Contracting. Please do not include these costs in your bid.
- 1.30 Manhole Rehab Contractor to provide and place their own plugs as required to complete their own scope of work, and to maintain a dry work environment.
- 1.31 It is B&F Contracting's intent to award the CIPP lining contract for the entire project to one (1) Contractor
- 1.32 Manhole Rehabilitation Contractor to verify that their product is on the PCRWRD's Approved Product List.
- 1.33 The MH Coating/Rehab work could possibly be split between two (2) contractors due to SBE/DBE Compliance with Pima County Procurement.
- 1.34 Temperature sensor cable to continuously monitor the cure temperature of CIPP liner along the entire length of pipe, to be provided by the CIPP contractor
- 1.35 MH Coating to provide sandbagging or plugging for nuisance water during all MH underlayment and Coating operations at each individual MH. B&F to provide all mainline flow management for 8-inch and larger flows, but cannot guarantee a completely dry manhole condition.
- 1.36 CIPP & Manhole Coating Contractors are required to field verify existing conditions of sewer and manhole diameters prior to bidding this project. It is expected that any variation from the B&F provided bid schedule be included within your unit cost. It is up to the bidding contractor to confirm existing sizes of the interceptor and manholes, and cross reference with the Pima County GIS System, As-Builts and MH Inspection Reports.
- 1.37 Manhole Coating Rehabilitation work includes, but is not limited to: Surface Preparation Work, Build-Back, Re-Work of Invert and/or Channels, Chipping, Demolition Re-Profilling and Corrosion Resistant Coatings as called out on the Manhole Inspection Report provided on the USB drive. Please pay attention to Brown & Caldwell's specific recommendations for repair at each manhole and include them with your VF pricing.
- 1.38 Please provide a list of your current workload in Arizona, Nevada and California with the assigned key personnel managing those projects.
- 1.39 B&F will require full time supervision from the MH Coating and CIPP Lining Contractors. It is a requirement to provide full time onsite supervision throughout the course of this project.

- 1.40 A pre-liner is required for CIPP Lining of existing Coated ACP sewer lines. B&F has provided Initial quantities below on the bid schedule but the CIPP contractor is tasked with field verifying those quantities.
- 1.41 Only CIPP Lining Contractors are required to provide a Payment/Performance Bond on this project per Item 12 below. Please include this cost under the 'Bond' section of this bid for consideration (do not include in your unit cost).
- 1.42 Water Cure is the only acceptable curing/inversion method on this project. Air/Steam will not be accepted and is grounds for disqualification if included in your bid.
- 1.43 MH Rehabilitation/Coating Contractor to provide three (3) year warranty/maintenance bond with their bid. Contractor to provide breakout pricing for this cost on the bottom of the bid schedule below (not in the VF unit pricing).
- 1.44 Lining Contractors to provide all styrene monitoring per the RWRD Specifications.
- 1.45 B&F to provide all new manhole frame/covers and concrete collars.
- 1.46 MH rehabilitation/Coating Contractor to pay close attention to new MH Coatings Specifications provided for this project. This specification is brand new for the county and has not been used in the past. Please review the revised cleaning, underlayment, finish and testing requirements outlined.
- 1.47 CIPP Lining Contractors are not to include costs for cleaning, pre and post video in your unit prices. B&F to provide. B&F expects the CIPP Lining Contractor to take part in the coordination and scheduling process for the clean/cctv subcontractor.
- 1.48 MH Coating Contractor to provide costs for removal of existing steps and replacement with new in their VF unit pricing on the bid schedule below.
- 1.49 MH Coating Contractor to remove any T-Lock as necessary at existing manholes.
- 1.50 CIPP Lining Contractor to provide all 'End Seals' using Neopoxy or similar product to complete their own scope of work
- 1.51 MH Coating Contractor scope of work includes coating of the invert to match the thickness of the CIPP Lining. Also include costs for coating and Tie-In to CIPP liner at "Lined Through Manholes" and "Tail End" with compatible product, and CIPP 'End Seal Work'
- 1.52 CIPP Lining contractor to provide their own construction water for CIPP lining operations, including, but not limited to; hydrant meters, piping, valves permits, water ramps, etc.. If any trenching is required for roadway crossings, please provide the areas and dimensions on an extra sheet with your bid.
- 1.53 CIPP Lining contractor to furnish and install hydrophilic seals between the host pipe and new CIPP Liner at each manhole.
- 1.54 MH 8716-04 to 8716-03 in Phase 1 has been previously CIPP lined on a recent project. Please do not include CIPP costs for this reach.
- 1.55 MH Coating contractor to review Sabino Creek Siphon Inlet & Outlet Structure As-built Drawings for rehabilitation and coating work at 4466-IN & 4466-OUT. Work scope includes, but is not limited to, cleaning, coating and new redwood diversion stop logs. B&F remove and replace existing concrete lids with new precast material that will need to be coated.
- 1.56 CIPP & MH Coating Contractors are to provide daily cleanup of the jobsite and manholes/reaches. It is expected for MH Contractors to cleanup all debris generated from cleaning, preparation and coating activities.
- 1.57 CIPP Contractor to provide a letter from your bonding company that you have the capacity to provide a payment/performance bond for this project.
- 1.58 Bidding Contractors to adhere to Pima County, 2012 Engineering Design Standards and Standard Specifications and Details for Construction 2012
- 1.59 Additional installation days for CIPP or MH Coating Work, outside of your Calendar Days listed above will result in the MH Coating Contractor furnishing and installing flow thru plugs to complete their own scope of work if the flow management system is removed.
- 1.60 A Payment/Performance bond is not required for MH Rehabilitation/Coating Contractors
- 1.61 There will be no liquidated damages assessed on this project.
- 1.62 Please see the attached RFI's for further clarification for the MH Coatings/Rehabilitation Work.
- 1.63 Coating Contractors will be required to perform the rehabilitation and coating of the manhole bases, channels, bench and inverts first, as part of your rehabilitation sequence of work. Once the work is completed, inspected and approved on the manhole bases, B&F will release sewer flows and shutdown the Flow Management System. The Coating contractor can then focus their efforts on the rehabilitation and coating of the manhole barrel sections. Focusing on the bases, allows for a greater costs savings to the county, and eliminates any schedule delays and cost risks associated with the operation of the bypass system. If coating contractors are geared up with multiple crews, and have the manpower to complete all rehabilitation and coating activities within the same timeframe that is preferred and you will not be limited.
- 1.64 Please review the Revised Technical Specifications for MH Rehabilitation and Corrosion Protectant Coatings dated 10.23.2014 for this bid. The county has made several changes for this new bid, and B&F highly emphasizes a thorough review of these new specifications.
- 1.65 B&F has ICRI CSP Sample Chips in our Tucson Office if any of the subcontractors would like to see them in regards to the roughness/smoothness specification for underlayment and final surface coating.

2 Mandatory Pre-Bid Meeting

A Mandatory Pre-Bid Conference has been scheduled for 9/30/2014 at 10:00 am and will be held at the PCRWRD Conveyance Office located at 3355 N. Dodge Blvd., Tucson, AZ

3 Project Schedule:

| | |
|---|---|
| Bid Documents available to Subcontractors | 28-Oct-14 |
| Mandatory Pre-Bid Meeting | Not Schedule (Unless there is interest) |
| Final Day for Questions | 7-Nov-14 |
| Bid Due Date | 13-Nov-14 |
| Bid Review | November 13th through November 21st |
| Subcontractor Notification of Selection | Week of the November 24th |
| Submittal Due Date | 8-Dec-14 |
| Notice to Proceed | 1-Dec-14 |

4 North Rillito Interceptor - As-Builts

Electronic copies have been made available for the as-builts associated with the NRI Rehab Project. Please review these to verify shot lengths, dimensions, manhole sizes, structures, pipe materials and interior diameter prior to the bid and ordering of materials.

5 North Rillito Interceptor - Manhole Inspection Report

Electronic copies of the manhole inspection report have been made available to all potential MH & CIPP contractors prior to the bid. Please pay particular attention to the notes and photos of the manholes in regards to the condition of the existing channels and benches. The costs for rehabilitating these will need to be included in your VF price for manhole rehabilitation.

6 Flow Management Plans - Phase 1, 2, & 5

B&F will make available electronic copies of our flow management plans for Phase 1, 2 & 5, as they have been developed and approved at this point. The limits of Phases 3, 4 & 6 will be shown on a conceptual map. Phase 3 is tentatively from Sabino Canyon Rd. to Craycroft. Phase 4 Craycroft to Swan. Phase 6 is from Alvernon Way to Campbell Rd.

7 Project Sequence & Scheduling

This project will be broken into six (6) separate Rehabilitation Phases along the Rillito River. With the anticipation of each phase lasting 3-4 months for all rehabilitation and repair type work (New MH's, CIPP, Structures, Point Repairs, etc.). It is anticipated that there will be lags between each phases of roughly one (1) month to allow for the FMP installation, where there will be no CIPP or MH Rehab work taking place. See below for the phase limits:

- Phase 1 - Woodland Rd. to the Sabino Creek
- Phase 2 - Sabino Creek to 800' west of Sabino Canyon Rd.
- Phase 3 - Sabino Canyon Rd. to Craycroft Rd.
- Phase 4 - Craycroft Rd. to Swan Rd.
- Phase 5 - Swan Rd. to Alvernon
- Phase 6 - Alvernon to Campbell Rd.

Phase 1 Rehabilitation Section

This section encompasses the CIPP lining and Manhole Rehab work from (MH's 8716-20 to SIPHON 4466-IN). Approximately from Woodland Rd. to west of Tanque Verde Rd. ending at the Sabino Creek

Phase 2 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (4466-OUT to 1700-04). Approximately from the Sabino Creek to just west of Sabino Canyon Rd.

Phase 3 Rehabilitation Section

This phase encompasses the CIPP lining and Manhole Rehab work from MH's (1700-04 to 5033-03). Approximately from west of Sabino Canyon Road to just west of Craycroft Rd.

Phase 4 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (5033-03 to 1712-01). Approximately from west of Craycroft Rd. to east of Swan Rd.

Phase 5 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (1712-01 to 1710-05). Approximately from east of Swan Rd. to Alvernon Way.

Phase 6 Rehabilitation Section

This phase encompasses the CIPP Lining and Manhole Rehab work from MH's (1710-05 to 8809-01). Approximately from Alvernon Way to west of Campbell Rd.

8 Bid Schedule

A. Phase 1 Rehabilitation Section - Woodland Rd to Sabino Creek Siphon (MH 8716-20 to 4466-IN)**MANHOLE REHABILITATION & COATING - PHASE 1**

| | | | | | |
|---|---|-----|----|---------|------------|
| 1 | Rehabilitate & Coat Existing Manholes | 181 | VF | 1130.00 | 204,530.00 |
| 2 | Rehabilitate & Coat Existing Base for MH Structural Inserts (MH 8716-05 & 8716-04) | 2 | EA | 3900.00 | 7800.00 |
| 3 | Coat New CIP MH Base for 72" Manhole Removal/Replacement (MH 8716-07, 8716-06, 8716-03) | 3 | EA | 2900.00 | 8700.00 |
| 4 | Adhesion Tests | 20 | EA | 295.00 | 5900.00 |
| 5 | 1-inch additional underlayment application for extremely deteriorated manholes | 45 | VF | 350.00 | 15,750.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$242,680.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings **60**

Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

B. Phase 2 Rehabilitation Section - Sabino Creek Siphon to Sabino Creek Road (4466-OUT to 1700-04)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 2

| | | | | | |
|---|---|-----|----|---------|------------|
| 1 | Rehabilitate & Coat Existing Manholes | 160 | VF | 1150.00 | 184,000.00 |
| 2 | Rehabilitate & Coat Existing Base for MH Structural Insert (MH 1700-12) | 1 | EA | 3900.00 | 3900.00 |
| 3 | Coat New CIP MH Base for 60" Manhole Removal/Replacement (MH 1700-07) | 1 | EA | 2700.00 | 2700.00 |
| 4 | Coat New CIP MH Base for 84" Manhole Removal/Replacement (MH 1700-15, 6295-01, 1700-11, 1700-09, 1700-08) | 5 | EA | 3100.00 | 15,500.00 |
| 5 | Adhesion Tests | 20 | EA | 295.00 | 5900.00 |
| 6 | 1-inch additional underlayment application for extremely deteriorated manholes | 44 | VF | 350.00 | 15,400.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$227,400.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings **50**

**Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

C. Phase 3 Rehabilitation Section - Sabino Canyon Rd. to Craycroft Rd (MH 1700-04 to 5033-03)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 3

| | | | | | |
|---|--|-----|----|---------|------------|
| 1 | Rehabilitate & Coat Existing Manholes | 423 | VF | 1220.00 | 516,060.00 |
| 2 | Adhesion Tests | 12 | EA | 295.00 | 3540.00 |
| 3 | 1-inch additional underlayment application for extremely deteriorated manholes | 106 | VF | 430.00 | 45,580.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$565,120.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings 100

**Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

D. Phase 4 Rehabilitation Section - Craycroft Rd to Swan Rd (MH 5033-03 to 1712-01)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 4

| | | | | | |
|---|--|-----|----|---------|------------|
| 1 | Rehabilitate & Coat Existing Manholes | 141 | VF | 1150.00 | 162,150.00 |
| 2 | Adhesion Tests | 5 | EA | 295.00 | 1475.00 |
| 3 | 1-inch additional underlayment application for extremely deteriorated manholes | 36 | VF | 350.00 | 12,600.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$176,225.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings 40

**Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

E Phase 5 Rehabilitation Section - Swan Rd to River and Alvernon Way (MH 1712-01 TO 1710-05)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 5

| | | | | | |
|---|--|-----|----|---------|------------|
| 1 | Rehabilitate Existing Sewer Manholes | 220 | VF | 1330.00 | 292,600.00 |
| 2 | Adhesion Tests | 5 | EA | 295.00 | 1475.00 |
| 3 | 1-inch additional underlayment application for extremely deteriorated manholes | 55 | VF | 430.00 | 23,650.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$317,725.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings **40**

**Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

F Phase 6 Rehabilitation Section - River and Alvernon Way to West of Campbell (MH 1710-05 TO 8809-01)

| Item Number & Description | Pipe Material | Quantity | Unit | Unit Price | Total |
|---------------------------|---------------|----------|------|------------|-------|
|---------------------------|---------------|----------|------|------------|-------|

MANHOLE REHABILITATION & COATING - PHASE 6

| | | | | | |
|---|--|-----|----|---------|------------|
| 1 | Rehabilitate Existing Sewer Manholes | 653 | VF | 1350.00 | 881,550.00 |
| 2 | Coat New CIP MH Base for 84" Manhole Removal/Replacement (MH 1708-34A) | 1 | EA | 3100.00 | 3100.00 |
| 3 | Coat New CIP MH Base for 120" Manhole Removal/Replacement (MH 1708-36, 1708-34, 1708-25) | 3 | EA | 4000.00 | 12,000.00 |
| 4 | Adhesion Tests | 26 | EA | 295 | 7670.00 |
| 5 | 1-inch additional underlayment application for extremely deteriorated manholes | 164 | VF | 430.00 | 70,520.00 |

SUBTOTAL - MH REHABILITATION & COATINGS **\$974,840.00**

**Please List Your Installation Days Required to Complete Your Own Scope of Work (Calendar Days):

MH Coatings **140**

**Please List any MH's That Require CIPP Inversion Access, Cone/Barrel Removals or Base Modifications Below:

NORTH RILLITO INTERCEPTOR REHABILITATION BID RECAP

Phase 1 Rehabilitation Section TOTAL BASE BID (ITEM A) \$242,680.00

Phase 2 Rehabilitation Section TOTAL BASE BID (ITEM B) \$227,400.00

Phase 3 Rehabilitation Section TOTAL BASE BID (ITEM C) \$565,180.00

Phase 4 Rehabilitation Section TOTAL BASE BID (ITEM D) \$176,225.00

Phase 5 Rehabilitation Section TOTAL BASE BID (ITEM E) \$317,725.00

Phase 6 Rehabilitation Section TOTAL BASE BID (ITEM F) \$974,840.00

MH Coatings - 3 Year Warranty/Maintenance Bond COST \$70,000.00

PROJECT TOTAL \$2,574,050.00

G ADD ALTERNATES

| Item Number & Description | Quantity | Unit | Unit Price | Total |
|---|----------|------|------------|-----------|
| 1 Rehabilitate & Coat Existing Sabino Creek Siphon Inlet & Outlet Structure. Including new redwood diversion stop logs. (*B&F to provide new precast structure lids and openings) | 2 | EA | 29,000.00 | 58,000.00 |
| 2 Adhesion Tests for Siphon Inlet & Outlet Rehabilitation | 8 | EA | 295.00 | 2360.00 |
| 3 Specification Item E.3.i - Efforts for cosmetic finish work to provide irregularity free uniform finish, free from trowel marks, voids, depressions, ripples, waves, bubbles, bumps or cracking in the final coating layer using an approved repair method. To provide uniform profile for coating. | 1 | HR | 1450.00 | 1450.00 |

9 Items to Include with Bid

- 1 Crew Availability, Crew Size, Crew Quantity
- 2 Key Personnel
- 3 Current Workload

10 Project Duration

Time is of the essence. Bidder agrees to complete their own scope of work in the allotted Calendar Days listed above on the bid schedule. Failure to meet this schedule due to non-performance is not acceptable. MH Coating contractor to provide sufficient crews to perform separate work functions in multiple manholes at a time.

11 Total Installation Days - Phases 1 to 6

MH COATING INSTALLATION CALENDARS DAYS

430

12 Bond

Total amount (or percentage) to be added to this Bid if Bidder is required to provide Performance and Payment Bond is _____%. The subcontractor must list their bonding company and agent with a phone number and contact name.

Surety Company:

MERCHANTS BONDING, INC.

Agent/Firm:

CONTRACTOR BONDING INC.

Agent Name/Phone Number:

GREG GRIFFITH 480-968-0100

13 2nd & 3rd Tier Subcontractors (Subs to Subcontractors)

The following Tiered-Subcontractors are proposed to perform work on this Project. This list is complete and no additional subcontractors shall be allowed on the project site without prior approval:

Company

Phone

Scope of Work

RFI CONSULTANTS

480-560-7187

TESTING

N/A

14 Approved Suppliers/Vendors

The following Suppliers/Vendors and Products will be used to complete this Project. This list is complete and no changes shall be allowed prior to approval (CIPP bidder shall include proposed liner design and mill thickness, liner manufacturer and resin supplier below).

Approved Supplier/Vendor

Product/Materials Supplied

RAVEN Lining Sys.

RAVEN 405

PREACH Building

CEMENTS

Manhole Rehab Contractor has included Performance History per the Technical Specifications

Yes X No _____

15 Insurance

Bidders insurance coverage meets or exceeds the PCRWRD's contract requirements:

Yes ☒ No ☐

The subcontractor must list their insurance company and agent with a contact name and number.

Insurance Company:

CNA

Agent/Firm:

COMMERCIAL WEST INS. AGENCY

Agent Name / Phone Number:

JEFF STEED 480-961-5400**16 Pollution Insurance**

CIPP Bidder shall furnish a Contractor's Pollution Liability coverage, with limits of liability no less than \$2,000,000 / event and \$4,000,000 aggregate. Bidders' pollution liability insurance coverage meets or exceeds this requirement.

Yes ☐ No ☐**17 Proposal Documents**

Project Drawings - PCRWRD Project No. 3NRI14 dated 2/05/2013

Technical Specifications - PCRWRD Project No. 3NRI14 dated 2/05/2013

CCTV Pre-Video

NRI As-Builts

ACP CIPP Lining Investigation Videos (Pre & Post Lining)

Manhole Investigation Report performed by Brown and Caldwell

Manhole Investigation Photos of MH Interior

Flow Management Plan provided by B&F Contracting Inc. (Phase 1, 2 & 5)

18 Liquidated DamagesTHERE ARE NO LIQUIDATED DAMAGES**19 Acknowledgments**Addendum 1 Dated 10/2

Addendum _____ Dated _____

Addendum 2 Dated 10/7

Addendum _____ Dated _____

Addendum 3 Dated 10/9

Addendum _____ Dated _____

Bidder Acknowledgement:

Bidder acknowledges the above addenda and once submitted, this Bid may not be altered, amended or withdrawn for a period of (90) days without prior written consent of B&F Contracting, Inc.

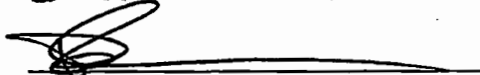
20 Signature

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a sub-contract agreement with B&F Contracting Inc.

Company / Bidder:

SOUTHWEST ENVIRONMENTAL, INC.

Signature:



Title:

PRESIDENT

Date:

NOVEMBER 13, 2014

Arizona Contractors License No:

180421 ROC

SOUTHWEST ENVIRONMENTAL, INC.

9452 N. 16TH AVE — PHOENIX, AZ. 85021
602-331-0888 OFF. 602-331-5012 FX.
AZ ROC 180421 NV ROC 77885

RECENT MANHOLE REHABILITATION PERFORMANCE HISTORY

Contractor Name: Southwest Environmental, Inc.
Project: City of Peoria Manhole Rehab - Contracts
Date: Renewable Contract Since FY 2013-2018 - 22 YTD
Date: 4Yr. Renewable Contract FY 2008-2013 - 82 MH
Locations: Various Throughout the City of Peoria, AZ
Client: Ernest Avilla, Inspector COPAZ
Client Phone No.: 602.647.8565
Material Applied: Raven 405 - LFM Inserts
Failures and Remedial Action: None

Contractor Name: Southwest Environmental, Inc.
Project: City of Scottsdale Emergency Manhole Rehab Contract
Date: 9/2009 thru Current - 100+ MH's to date
Location: Scottsdale, AZ.
Client: Bill Wilson, Inspector
Client Phone No.: 602-316-4584
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Southwest Environmental, Inc.
Project: City of Casa Grande Manhole Rehab FY12
Project: City of Casa Grande Manhole Rehab FY13
Date: FY12 Completed - 53MH's / FY13 Completed - 37
Locations: Casa Grande, AZ.
Client: Terry McKeon, P.E.
Client Phone No.: 520.876.0222
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Insituform Tech., Inc. / Southwest
Environmental, Inc.
Project: City of Chandler McQueen Rd. Sewer/MH Rehab
Date: 5/2011- 27 MH's
Locations: Chandler, AZ
Client: Andy Shetter
Client Phone No.: 480.229.3424
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Southwest Environmental, Inc.
Project: City of Glendale Ocotillo Rd MH Rehab
Date: 3/2012 Completed 11 MH's
Locations: Glendale, AZ.
Client: Mark Fortkamp, Inspector
Client Phone No.: 623.930.4772
Material Applied: Raven 405

Contractor Name: Achen Gardner, Inc. / Southwest
Environmental, Inc.
Project: Pima County Wilmot Rd. 100 MH Rehab
Date: 12/2013 thru 4/2014 - 77 MH's
Location: Tucson, AZ.
Client: Eric Olson, Pima County Public Works
Client Phone No.: 520.740.2651
Material Applied: Raven 405
Failures and Remedial Action:

Contractor Name: Quest Ventures LLC. / Southwest
Environmental Testing, Inc.
Project: City of Peoria Sewer/MH Rehab Project 3
Date: 4/2009 Completed - 23 MH's
Locations: Peoria, AZ.
Client: Dan Kiel, P.E.
Client Phone No.: 623.773.7982
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: SAK, LLC. / Southwest Environmental, Inc.
Project: City of Las Vegas Sewer/MH Rehab Group D
Date: 11/2011 Completed - 35 MH's
Locations: Las Vegas, NV.
Client: Donald Eva
Client Phone No.: 702.467.1711
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Insituform Tech., Inc. / Southwest
Environmental, Inc.
Project: City of Mesa US 60 Crossings 2010 - 23 MH's
Date: 9/2010
Locations: City of Mesa AZ - US 60
Client: Andy Shetter, Insituform
Client Phone No.: 480.229.3424
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Achen Gardner, Inc. / Southwest
Environmental, Inc.
Project: City of Glendale 2010-2011 Sewer Rehabilitation
Date: 4/2011 thru 8/2011 - 26 MH Completed
Location: Chandler, AZ.
Client: Dan Broderick, P.M.
Client Phone No.: 480-940-1300
Material Applied: Raven 405 & LFM FRP Inserts

Contractor Name: Southwest Environmental, Inc.
Project: City of Glendale Sewer Rehab 67th Ave ACDC
Date: 4/2010 Completed 15 MH's
Locations: Glendale, AZ.
Client: Mark Fortkamp, Inspector
Client Phone No.: 623.930.4772
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Cactus Coyote Contracting, LLC./ Southwest Environmental, Inc.
Project: City of Mesa MH Rehab Phase 8
Date: 9/2010 Completed - 81 MH's
Locations: Mesa, AZ.
Client: Wayne Kern, Cactus Coyote, LLC.
Client Phone No.: 701.960.1668
Material Applied: Raven 405
Failures and Remedial Action: None

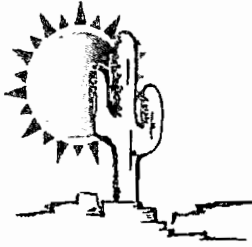
Contractor Name: Pulice Construction Inc./ Preach, Inc.
Project: City of Chandler McQueen Rd MH Rehabilitation
Date: 10/2010 - 23 MH's
Location: Chandler, AZ.
Client: Mike Mydock, Inspector
Client Phone No.: 480-215-9254
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Achen Gardner, Inc. / Southwest Environmental, Inc.
Project: City of Phoenix SDSS JOC Sewer Rehab
Date: 6/2013 thru 4/2014 - 11 MH
Location: Chandler, AZ.
Client: Chris Dietl
Client Phone No.: 602-762-1674
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Quest Ventures LLC. / Southwest Environmental, Inc.
Project: City of Chandler Manhole Rehab 2009
Date: 4/2009 Completed - 55 MH's
Locations: Chandler, AZ.
Client: Bob Fortier, P.E.
Client Phone No.: 480.782.3591
Material Applied: Raven 405 LFM FRP Inserts
Failures and Remedial Action: None

Contractor Name: Southwest Environmental, Inc.
Project: City of Safford Sewer Rehab 2010-2011
Date: 11/2010-4/2011 - 116 MH's
Locations: Safford, AZ.
Client: Eric Buckley, Director
Client Phone No.: 928-432-4201
Material Applied: Raven 405
Failures and Remedial Action: None

Contractor Name: Quest Ventures LLC. / Southwest Environmental, Inc.
Project: City of Mesa Manhole Rehab Phase 9
Date: 4/2009 Completed - 55 MH's
Locations: Mesa, AZ.
Client: Eddie Hawley, Quest
Client Phone No.: 406.390.4000
Material Applied: Raven 405
Failures and Remedial Action: None



**SOUTHWEST
ENVIRONMENTAL, INC.**

9452 N. 16TH AVE — PHOENIX, AZ. 85021
602-331-0888 OFF. 602-331-5012 FX. 1-866-533-TEST WWW.SWETINC.COM
AZ ROC 180421

Southwest Environmental Crews (Tucson Division) and Availability for The NRI

Project Manager

- Don McDowell, RLS – 602.403.1423

Superintendent

- Steve Pantoja, RLS – 520.709.3245cell

Epoxy Spray Rig

- Rafael Chavez, RLS
- Jesus Moreno, RLS
- Sergio Leon, RLS

Manhole Rehab Prep Crew

- Jorge Aragon, Foreman
- Everado Cota

Manhole Rehab Prep Crew

- Luis Urbina, Foreman
- Rafael Rodriguez

Quality Testing Technicians

- Daniel Rivas, RLS
- Jorge Aragon, RLS
- Rafael Chavez, RLS

Current Workload:

4 on-going manhole rehab contracts with various municipalities in the Phoenix valley area of AZ.

The Tucson division of Southwest Environmental, Inc. is exclusively for Tucson projects. There are no outstanding projects in Tucson at this time. The above mentioned crews will be dedicated to the NRI at 100%.

Cleaning : CCTV

AZ Lic. ROC # 175953 (A-12)



Hoffman Southwest Corp. dba Pro-Pipe
3190 N. Freeway Industrial Loop Tucson, Az 85705
C: 602 725 2905 | F: 602 861 1423
Nick Lanoue | Branch Manager
nlanoue@hswcorp.com

Quote # AZ : 011315-83
Page 1 of 1

| | | |
|---|--|------------------------------|
| PROPOSAL SUBMITTED TO: B&F Contracting | DATE 1/13/2015 | PHONE 520-207-8228 |
| STREET (Business address) 1904 W. Prince Rd | JOB / PROJECT NAME NRI - North Rillito Interceptor | |
| CITY, STATE AND ZIP CODE Tucson, Az 85705 | JOB LOCATION Tucson, Az | |
| CONTACT NAME Dan Foley @ 520-840-9785 | EMAIL Dfoley@bfcontracting.com | |

| ITEM | DESCRIPTION | QTY | UNIT | PRICE | TOTAL |
|---------------------|--|--------|------|---------|---------------------|
| 1 | Pre-CIPP Cleaning - 15' to 21" | 8,387 | LF | \$4.00 | \$33,548.00 |
| 2 | Pre-CIPP Cleaning - 24" to 30" | 20,086 | LF | \$8.00 | \$160,688.00 |
| 3 | Pre-CIPP Cleaning - 33" to 36" | 22,942 | LF | \$11.00 | \$252,362.00 |
| 4 | Pre -CIPP CCTV Inspection - 15" to 36" | 51,415 | LF | \$1.00 | \$51,415.00 |
| 5 | Post-CIPP CCTV Inspection - 15" to 36" | 51,415 | LF | \$1.00 | \$51,415.00 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Note | All above items to be performed under initial bypass | | | | |
| GRAND TOTAL: | | | | | \$549,428.00 |

| EXCLUSIONS (any qualifications to exclusions are in parenthesis) | |
|--|--|
| 1 | Excavation of any kind |
| 2 | Environmental/ erosion control/ swppp |
| 3 | Permits, licenses and performance bonds |
| 4 | Bypass pumping / Operating pump stations |
| 5 | Access- (General Contractor shall provide adequate access) |
| 6 | Trench backfill, AC/Concrete cutting, and landscape restoration, private/public property restoration, grading, pavement & conc |
| 7 | Traffic Control |
| 8 | Mechanical Cleaning of Joints |
| 9 | Post Lining Cleaning |

WE PROPOSE hereby to furnish material and labor -- complete in accordance with above specifications, for the sum of:

Payment terms: 30 Days of Invoice
Dollars: \$549,428.00
This proposal shall be incorporated into the service contract when Pro Pipe is listed as a subcontractor.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to meet NASCO standards. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents, or delays beyond our control. Owner to carry general liability, workman's compensation fund and other necessary insurance. Maximum allowable interest charge on overdue invoices.

Pro Pipe Authorized Signature:

This proposal may be withdrawn by us if not accepted within 30 days.

ACCEPTANCE OF PROPOSAL : The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Requests for additional services beyond the above outlined scope will be submitted by written change order and payment thereof made accordingly.

| | |
|-------------|---------------------------|
| Date | Customer Signature |
| | Print name/Title |

3225 E 44th Street - Tucson, Arizona 85713

(520) 741-2100 FAX (520) 741-0815

License Numbers

109056 Residential C-13 102421 Commercial A-14

Bonded and Insured



PROPOSAL

Submit To: B & F Contracting Inc.

Job Name: Swan & Rillito Park Parking Lot

Page 1 of 4

Address: 1904 W. Prince Road

Ref. No.: 64441

City, St., Zip: Tucson, Az 85705

Job Address: NWC Swan & Rillito

Date: 11/24/2014

Attn: Dan Foley

Phone: (520) 207-8228

Job Phone:

Email: dfoley@bfcontracting.com

Fax: (623) 582-3761

Mobile:

Option 1 crack seal and overlay

Clean pavement surface free of dirt and foreign debris with brooms and blowers. Care will be taken so that all structures and landscaping are kept from being soiled or damaged.

Clean structural cracks 1/4-inch and wider with brooms and direct airblowers (excluding alligatored areas) free of dirt and loose matter. Seal prepared cracks with 69 gallons of DEERY 220 hot rubberized asphalt crack sealant.

Note: If crack seal material exceeds or is less than amount stated above, contract price will be adjusted at the rate of \$18 per gallon. **Warranty:** Bates Paving & Sealing, Inc. is not responsible for crack sealant material to perform beyond the manufacturer's specifications (see attached specifications sheet).

Mill (approx.) 458 lineal feet at 7 locations of asphalt level to adjacent entry ways and concrete, and haul debris off site. OR Overlay will be tapered at edges with no curbs and at concrete adjacent to pavement.

Note: This process will improve the transitions between the overlay and the existing elevations.

Overlay approximately 19,345 square feet of prepared areas with hot mix asphalt. Place hot mix asphalt to an average finished compacted depth of 2 inches and roll with vibratory steel drum roller. Some areas may require asphalt depth adjustment to match existing elevations. Overlay work is based on performing in ONE section. Based on tack coat being applied prior to asphalt overlay.

Note: Overlay work is not represented to alter existing surface drainage conditions. Overlay work will follow the contour of the existing pavement surface. Due to pre-existing structural cracks, reflective cracking with eventually occur. Areas paved/overlayed will be susceptible to scuff marks from tire friction. These areas will kneed out and become less noticeable once cured. If the job is completed on a weekend, extra cost will be incurred.

Provide barricades for traffic control and clean up debris as a result of the above work performed.

Paint traffic markings, parking lines and symbols per existing with a high grade acrylic traffic paint.

Exclusions: Cost of engineering, permits, taxes, testing, bonding, surveying/layout, utility adjustments, towing of vehicles, sawcutting, rough grade, placing ABC, brushing, survey monument adjustments, soil sterilant, removal of obstructions in, above and below subgrade and any other item not specified in this proposal.

For the sum of

\$26,648.00

12.40 SQ. YARD

Saw cut pavement failed areas (approximately 19,345 square feet) entire lot. Excavate pavement to full depth and haul off site. Re-compact subgrade where necessary, and apply bonding agent to vertical edges. Place new hot mix asphalt at a thickness of TWO inches rolled and compacted to existing pavement elevation.

Please note: Quote is based on existing asphalt thickness at two (2) inches unless otherwise stated above. Anything greater will result in customer being assessed for additional quantities at a per ton cost.

Provide barricades for traffic control and clean up debris as a result of the above work performed.

Paint traffic markings, parking lines and symbols per existing with a high grade acrylic traffic paint.

Includes resetting existing bumpers.

SERVING ARIZONA SINCE 1986

Ref. No. 64441

towing of vehicles, rough grade, placing ABC, brushing, survey monument adjustments, soil sterilant, removal of obstructions in, above and below subgrade and any other item not specified in this proposal.

For the sum of

\$29,248.00

13.61 SQUARE YARD

Note: Quote is based on work being completed in 1 mobilization(s). In the event of an increase of mobilizations, additional charges may apply.

This proposal is an offer to perform services and supply material indicated in this offer for the price and upon the terms and conditions stated herein. This offer will be open for a period of days.

The signature of the owner or owner's authorized representative on this proposal constitutes understanding and acceptance of all the terms on the front and back and is a binding contract.

Please refer to reverse side of contract regarding Preliminary Notices and Mechanic's Lien Rights.

Any alteration of deviation from above specifications involving extra costs will be executed only upon written change orders, and will become an extra charge over and above the estimate. Owner to carry General Liability and other necessary insurance. Bates Paving carries all required liability and worker's compensation insurance.

Acceptance of Proposal

Signature _____ Title _____ Date _____

Signature _____ Title _____ Date _____

Note: A faxed copy of a signed contract will be considered a legal contract.

We appreciate the opportunity of quoting for you on this project and look forward to working with you through its successful completion. In the meantime, should you have any questions or require additional information, please do not hesitate to contact me.

Authorized Signature



Tim Knutson

Authority - Owner identifies herein all individuals with authority to deal with Bates regarding all issues concerning this contract with the work performed hereunder:

Name/Title: _____

Phone: _____

Name/Title: _____

Phone: _____

All of our products comply with State and Federal E.P.A. safety regulations. Applicable Material Safety Data Sheets are available upon request.

Payment to be made as follows: Net 15 days

This contract becomes part of any other known contracts between Bates Paving and the undersigned.

Dan Foley

From: Tim Knutson <timk@batespaving.com>
Sent: Friday, January 23, 2015 3:29 PM
To: Dan Foley
Subject: RE: Swan & Rillito Parking Lot

Categories: Red Category

Dan, Our original quantity for the 2" paving was 236 tons. The additional cost per ton for extra thickness is \$73.28/ton in place.

Thank You.

Tim Knutson
Bates Paving
3225 E. 44TH. St.
Tucson, Arizona 85713
520-741-2100 Office
520-909-1566 Cell
timk@batespaving.com

-----Original Message-----

From: Dan Foley [mailto:dfoley@bfcontracting.com]
Sent: Thursday, January 22, 2015 7:43 PM
To: 'Tim Knutson'
Subject: RE: Swan & Rillito Parking Lot

Tim - Just checking back in with you regarding the additional cost of varying paving thicknesses on that Rillito & Swan Park.

Thanks,

Dan Foley
520-840-9785

-----Original Message-----

From: Tim Knutson [mailto:timk@batespaving.com]
Sent: Monday, November 24, 2014 4:10 PM
To: dfoley@bfcontracting.com
Subject: FW: Swan & Rillito Parking Lot

Dan,
Here are the two bids you requested. Please call if you need additional information or if you have any other questions.
Thank You.

Tim Knutson



4755 S. 12th Ave. Tucson, Az
Certified SBE, MBE

December 4, 2014

Re: Swan Rillito parking lot
Swan Road, N of Rillito River, Tucson, Az.
To: Dan Foley, B&F Contracting, Inc.

We hereby submit the following quotation options for your review.

Option A (remove and replace):

2" Asphaltic Concrete Paving (Pag 2A)

Over an area approx. 19,000 square feet, existing asphalt to be removed, hauled off, fine graded, backfilled at pothole locations, moisturized and compacted to required densities and place 2" Pag 2A specification hot-mix asphalt concrete compacted with standard compaction equipment.

| | | |
|--|-------------|--------------|
| Traffic Control | LS | \$ 885.00 |
| Asphalt Removal, fine grade, haul & dispose of | 2100 SY | \$ 4,003.48 |
| Survey/Layout | LS | \$ 1,000.00 |
| Pave 235 tons 2" AC | \$78.60/ton | \$ 18,471.43 |
| Striping | LS | \$ 300.00 |

\$24,659.91

Option B (crack seal, tack, & overlay):

2" Asphaltic Concrete Paving (Pag 2A)

Over an area approx. 19,000 square feet, existing asphalt to be swept, crack sealed, backfilled at pothole locations, tack and place 2" Pag 2A specification hot-mix asphalt concrete compacted with standard compaction equipment.

| | | |
|--|-------------|--------------|
| Traffic Control | LS | \$ 885.00 |
| Sweep Asphalt, CrackSeal (huge cracks) | 2.45/LB | \$ 4,165.00 |
| Milling at Swan match | LS | \$ 875.00 |
| Tack | 2559.41/ton | \$ 2,250.15 |
| Pave 235 tons 2" AC | \$78.60/ton | \$ 18,471.43 |
| Striping | LS | \$ 300.00 |

\$26,946.58

Note: any quantities exceeding the bid schedule quantities shall be paid at unit price.

Note: Our bid price includes all labor, equipment, materials but **excludes** all Engineering, Testing, Permits, Bond, SWPPP, and any item not specifically itemized above. Also, we exclude the handling of materials generated by other trades. Our asphalt price is good till the end of January 2015.

Should you have any questions or require further information please call, (520) 954-3660.

Sincerely,
Joseph Rodriquez
Estimator
A & S Paving, Inc.

TUCSON ASPHALT

CONTRACTORS

inc.

CERTIFIED S.B.E

November 24, 2014

Proposal #14-1255

B&F Contracting, Inc.
11011 N. 23rd Ave.
Phoenix, AZ 85029

To: Dan Foley
Phone: 480-840-9785
Email: dfoley@bfcontracting.com

Reference: Pima County Parking Lot
NWC Swan Rd & Rillito River
Tucson, AZ

Dan,

I am provided pricing for the above referenced Pima County parking lot rehabilitation. We understand that a final scope of work would most likely be determined upon completion of your scope of work along the Rillito River. We have priced scopes of work to include: complete removal and replacement of the pavement, install a 2" overlay and install our patent pending **Green Asphalt™** at a compacted thickness of 3/4". Please visit our website, tucsonasphalt.com for additional information regarding this product. **Green Asphalt™** is typically installed in warmer weather in part due to the oil requiring additional heating due to the ground up rubber within the oil. This scope of work (green asphalt) would be required to be completed in the spring/summer of 2015.

Alternate 1 - Pavement Remove and Replace Existing Pavement (17,470 SF)

Excavation / Grading – Saw cut existing pavement, remove material to a maximum depth of two (2) inches, load and haul to an approved dump location. Grade site for positive drainage and compact the existing sub-grade.

AC Paving – Furnish and install a tack coat to all vertical edges; furnish, deliver and install an average compacted thickness of two (2) inches PAG specification asphalt mix #2 local w/rap.

Striping – Stripe as per existing layout with one coat high quality water borne latex traffic paint. Re-set and pin parking bumpers.

| | | |
|----------------------|-----------|-------------|
| Price per SF: \$1.75 | Sub-total | \$30,572.50 |
| Pima County 3.965% | Sales Tax | \$1,212.20 |
| | Total | \$31,784.70 |

Alternate 2 – 2" Pavement Overlay (17,470 SF)

AC Paving – Clean existing pavement; tack coat existing surface; furnish, deliver and install an average compacted thickness of 2.0 inches PAG specification asphalt mix #2 local w/ rap.

Striping – Stripe as per existing layout with one coat high quality water borne latex traffic paint. Re-set and pin parking bumpers.

| | | |
|-----------------------------|------------------|--------------------|
| Price per SF: \$1.40 | Sub-total | \$20,636.00 |
| Pima County 3.965% | Sales Tax | \$756.31 |
| | Total | \$21,392.31 |

Alternate 3 – Green Asphalt (17,470 SF)

- Clean and sweep existing pavement prior to tack coat.
- Furnish, deliver and install a tack coat to the existing pavement prior to paving.
- **Green Asphalt™** - Furnish, deliver and install our patent pending Green Asphalt RubberPoly Overlay, at an average compacted thickness of 3/4 inches.
- Stripe as per existing layout with one coat high quality water borne latex traffic paint. Re-set and pin parking bumpers.

| | | |
|-----------------------------|------------------|--------------------|
| Price per SF: \$1.10 | Sub-total | \$19,217.00 |
| Pima County 3.965% | Sales Tax | \$761.95 |
| | Total | \$19,978.95 |

Incidental costs specifically excluded from our proposal are: permits; bond costs; night or holiday work; testing; survey; inspections; design fees; permits; traffic control; flagmen; law enforcement officers; prevailing wage and certified payroll; insurance exceeding our current limits; any and all items not specifically proposed above. Price remains valid for a minimum of sixty (60) days from the date indicated above.

Clarifications:

1. Asphalt buy based on **PAG 2 local w/ rap** - \$57.00/ton with final contract adjusted to reflect actual cost of asphaltic concrete purchase and/or adjustments with fuel costs.

Sincerely;
Tucson Asphalt Contractors, Inc.

Allen Sheppard
Chief Estimator / Division Sales Manager
C: 520-990-9254

J4 CIVIL SPECIALISTS
PO BOX 1920, CORTARO, AZ 85652
AZ ROC #198351.204431
FAX #03-0538947
CERTIFIED SBE CONTRACTOR

Date: 12/23/2014
Phone: 520-519-9130
Fax: 520-682-0144
Email: john.j4civil@gmail.com
To: B&F CONTRACTING
Attention: DAN FOLEY
Contact Info:
Address:

Job Name: REVISED 2 NRI RIP RAP PROJECT

Standard Excludes: shoring, traffic control, night work, access, permits, taxes, special insurance bonding, coatings, cores, drops, collars, engineering, final grade ring adjustment, hand rails, aprons, pipe work, gaskets, trash racks, flow management, plugs larger than 8", flow thru plugs, inspections, concrete testing, and excessive standby. J4 Civil must have proper access for ready mix trucks and boom trucks. If there is not enough access the contractor will be responsible for providing a piece of equipment to either pour our ready mix or set the precast we provide. Prevailing wage is excluded unless noted below.

| CITY | JOB LOCATION |
|--------|-------------------------|
| TUCSON | BEHIND GEORGE MEHL PARK |

| ITEM | DESCRIPTION | EACH | UNIT PRICE | TOTAL |
|----------|---|------|-------------|-------------|
| 1 | 2X2 AND 1X1 RIP RAP TURN KEY LINE ITEM 1 INCLUDES - MATERIALS, LABOR, SUPERVISION, EQUIPMENT, AND MOBILIZATION TO DEMO AND CONSTRUCT A 11'X30' AREA OF NEW RIP RAP. BACKFILL AND GRADING - 2.5' IN DEPTH OF SCREENED FILL, AND 6" OF AB. GROUTED RIP RAP - CONCRETE MIX, A COMBINATION OF 1'X1' AND 2X2 ROCK, AND 2X4'S. EQUIPMENT - BACKHOE, PUMP, AND WATER WAGON. CLEANUP | 1.00 | \$15,629.00 | \$15,629.00 |
| SUBTOTAL | | | | \$15,629.00 |
| TAX | | | | \$0.00 |
| TOTAL | | | | \$15,629.00 |

THANK YOU FOR YOUR BUSINESS!!!!
JOHN TAYLEN

If you are in agreement with the terms and conditions please sign and return. J4 Civil Specialists must have a signed copy of this quote prior to mobilizing onsite to begin construction.

Precast

Dan Foley

SABINO CREEK Siphon Inlet & outlet Lids

From: Brian Hartsfield <bhartsfield@jensenprecast.com>
Sent: Wednesday, February 25, 2015 1:00 PM
To: Dan Foley
Cc: neilm@bfcontracting.com
Subject: RE: Precast Lids for Siphon Inlet & Outlet

The cost would be \$4,100.00 delivered and set with our boom truck. This does not include Conshield or any coatings. Let me know if you need anything else.

Thanks,

Brian Hartsfield
Project Manager/Sales
Direct: (520) 748-1607
Cell: (678) 231-6870

JENSEN PRECAST

4801 E. Wyoming Street - Tucson AZ, 85706
(520) 748-1607 - FAX: (520) 748-1698
ROC # ROC221984

[Website](#) [V-Card](#)

From: Dan Foley [mailto:dfoley@bfcontracting.com]
Sent: Tuesday, February 24, 2015 8:03 PM
To: Brian Hartsfield
Cc: neilm@bfcontracting.com
Subject: Precast Lids for Siphon Inlet & Outlet

Brian,

Did you say there was a cost savings on these from your original quote via email? Can you let me know what that is again.

Thanks,

Dan Foley
B&F Contracting, Inc. | Sewer Rehabilitation Division
1904 W. Prince Rd. | Tucson, AZ 85705 – Tucson Office
Tel: 520.207.8228 | Fax: 623.582.3761
Cell: 520.840.9785 | dfoley@bfcontracting.com
ROC-089744 A-General Engineering



North Rillito
Interceptor

Manhole Frame, Covers
and Inflow Inserts Quote
Bid Item 3.11

QUOTATION

Q555936

B & F CONTRACTING INC
11011 NORTH 23RD AVE
PHOENIX AZ 85029

Attn: KYKE FOLEY
Phone #: (623) 582-1170 **ext:** 130
Fax #: (623) 582-3761

Email: kfoley@bfcontracting.com

NEENAH
FOUNDRY COMPANY



836 E BUCKEYE ROAD
PHOENIX, ARIZONA 85034
CELL: 602-284-9468
P: 602-225-9801
rita.chihanik@neenahenterprises.com

DATE: November 24, 2014 .com

REFERENCE:
P3NR114 PIMA COUNTY

We are pleased to submit the following quotation in accordance with your request.

| Quantity | Catalog No. | Description | Each Wt. | Price | Units |
|----------------------------|-------------|---|--------------------|----------|-------|
| 50 Each | DF 1264 | 24" MH FRAME, type N, , GI | 126# | \$143.00 | Each |
| | | TOTAL OF 50 Each DF 1264 | \$7,150.00 | | |
| 50 Each | DF 1264 | VENTED LID, type N, 'PIMA COUNTY SANITARY SEWER', , GI | 123# | \$143.00 | Each |
| | | TOTAL OF 50 Each DF 1264 | \$7,150.00 | | |
| 75 Each | DF 1296 | 30" MH FRAME, type A, machined seat, GI | 227# | \$188.00 | Each |
| | | TOTAL OF 75 Each DF 1296 | \$14,100.00 | | |
| 75 Each | DF 1296-V | VENTED LID, type N, 'PIMA COUNTY SANITARY SEWER', , | 210# | \$179.00 | Each |
| | | TOTAL OF 75 Each DF 1296-V | \$13,425.00 | | |
| 125 Each | MH INSERTS | Inflow Protector Dish INFLOW INSERTS | 15# | \$55.00 | Each |
| | | TOTAL OF 125 Each MH INSERTS | \$6,875.00 | | |
| SHIPPED IN LOTS OF 30 SETS | | | | | |
| SHIPPING/HANDLING CHARGES | | | | \$120.00 | |

Neenah Foundry Terms & Conditions apply and are available by fax or mail upon request. Castings furnished unpainted. Quantities are approximate, changes could alter unit prices. Estimated shipping & handling based on above quantities shipping in one complete shipment. Any order submitted pursuant to this quotation shall not result in a contract until it accepted and acknowledged in writing by Neenah Foundry Company (SELLER).

Page 1 of 2

Prices are valid on orders entered within 30 days from date of quotation, with shipment at earliest availability. All orders are subject to review of buyer's credit status. Standard terms for qualified customers are Net 30 Days. Prices do not include tax. If tax exempt, a valid tax exemption certificate is required at time of order or any applicable tax will be charged.

NEENAH FOUNDRY COMPANY

BY _____

RITA CHIHANIK

Sales

FOB PHOENIX, ARIZONA

INF

DATE: November 24, 2014 .com

REFERENCE:
P3NR114 PIMA COUNTY

We are pleased to submit the following quotation in accordance with your request.

Page 2 of 2

NEENAH FOUNDRY COMPANY

RITA CHIHANIK

FOB PHOENIX, ARIZONA

RIDGEPOINT ELECTRIC

A DIVISION OF CANYON RIDGE SPECIALTIES, INC.

SINCE 1992

COMM. L-11 108318

Bid Item 7.2 - Electrical
Relocation on Vargas
Property

BUSINESS CLASSIFICATION: SMALL BUSINESS – S.B.E. & S.B.A. CERTIFIED

Project:

NRI Sewer Re-hab Project

River Rd.

Tucson, Arizona

Project Description:

Project Proposal

| | | |
|-------------------|-----------------|--------------------|
| Item No. 1 | Base Bid | \$11,200.00 |
|-------------------|-----------------|--------------------|

General Conditions and Scope of Work

| (I) | (E) | Legend: (I)=We Included, (E)=We Excluded, N/A=Not Applicable, and *Note:=Clarification. |
|-----|-----|--|
| | X | Bond. *Note: Our bond rate (\$0 to \$100K is 2.5%) (\$100K to \$400K is 1.5%) (\$400K + is 1.0%) |
| X | X | Taxes, permits, drawings, engineering, utility company expenses & charges, surveying, or fees of any kind. |
| | X | Badges or background checks of any kind. |
| | X | Weekends, overtime, afterhours, night, holidays, or fire-watch of any kind. |
| | X | Davis-Bacon wages or prevailing wages of any kind. |
| | X | Concrete, bollards, pads, pole bases, asphalt, grout, dirt, layout, seismic support wires, ceiling tiles, EZ paths, access panels, j-hooks, cable tray, wood or treatment, spare or extra parts, sleeves, barricades, plates, fencing, landscape, Buy American Act; of any kind, and labor for same. |
| | X | Cut, cap, patch, grind, jackhammer, undermine or tunnel, paint, seal, caulk, bore, core, chasing, silk screen, x-ray, ultrasound, thermal imaging, engraving; of any kind, and labor for same. |
| | X | Demolition, debris, concrete, asphalt & dirt removal, loading & hauling, dumpsters, or fees of any kind, and labor for same. |
| | X | 3 rd party or independent testing and inspections or commissioning of any kind. |
| | X | Arch flash study, short-circuit study, overcurrent protective device coordination, demand load readings; of any kind, and labor for same. |
| | X | Temporary Power: General receptacles and task lighting, fed from existing power source within building. *Note: We exclude temporary services, generators, and special purpose power (i.e. crane, welder, elevator, etc...). |
| X | | Trenching: Trenching, backfill, and tamping. |
| | X | Fire Alarm: Fire alarm or voice evacuation system; of any kind, and labor for same. |
| | X | Special Systems: Security, Telephone, Data, CATV, CCTV, PA & Sound, Clock, Nurse call, Intrusion Detection, Access Control, HVAC control or interlock, Lightning protection, or Solar; of any kind, and labor for same. |
| X | | Tele/Data Outlets: back-box with ring and conduit stub with pull-string to accessible ceiling space; only. |
| | N/A | Utility Communications: Telephone, Cable TV, or Fiber: Primary, secondary, distribution, or network conduits, and cable or trenching; of any kind, and labor for same. *Note: Not Shown. |
| | N/A | Utility Power: Network, distribution, primary, or spare raceway & conduits, cable or wire, termination, equipment, pads, poles, vaults, or trenching; of any kind, and labor for same. *Note: Not Shown. |
| X | | Power & Lighting: Wiring devices, homerun & branch circuitry. |
| | X | Lighting Control: Equipment and devices. |
| | X | Lighting Fixtures & Lamps: equal to, subject to approval. |
| X | | Gear & Equipment: .In ground box and disconnect |
| X | | Plans not detailed. Bid Per Brian Vollmer and Dan and Bert using a combination of other plans and directions |

Our quotation is per Bryan dated 2/3/2015, (0) revisions, and (0) addendum(s).

We appreciate the opportunity to provide our proposal for this project, thank you.

■ CHRIS MUKLEBUST • ESTIMATOR AND PROJECT MANAGER. ■ ESTIMATING@RIDGEPOINTELECTRIC.COM

■ PH. (520) 747-2886

■ P.O. Box 17599 TUCSON, AZ 85731-7599

■ FAX (520) 747-0783

AT OUR DISCRETION WE RESERVE THE RIGHT TO REVOKE ALL PROPOSALS FOR ERRORS AND OMISSIONS.

THIS PROPOSAL IS VALID FOR THIRTY (30) DAYS ONLY.

(REVISION#: 00) - 2/6/2015 4:06 PM

RIDGEPOINT ELECTRIC

8101 E 22ND STREET
PO BOX 17599
TUCSON, AZ 85731

Electrical Repair of J-Boxes,
Conduit and Wire on Vargas
Property - Bid Item 7.3

Phone # Fax #

(520)747-2886 (520)747-0783

Invoice

| Date | Invoice # |
|-----------|-----------|
| 2/10/2015 | 4280 |

Bill To

B&F Contracting, Inc.
11011 N. 23rd Ave
Phoenix, AZ 85029

Ship To

NRI - Electrical Repair
River Road
Tucson, AZ

P.O. No.**Terms****Project**

Net 30

NRI SC#1 2015-01-23

| Qty | Description | Rate | Amount |
|------------------------------|--|--------|----------|
| 1 | Service Call - Repair damages to underground wiring for front gate | 0.00 | 0.00 |
| 10.5 | Labor Charge | 55.00 | 577.50 |
| 1 | Materials | 136.31 | 136.31T |
| | Sales Tax | 8.10% | 11.04 |
| Thank you for your business. | | | \$724.85 |