

CACTUS PONDS PROSPECTIVE BIDDER QUESTIONS

CACTUS PONDS RESPONSES

1) Please provide the elevation labels for all existing contour lines so that we can perform earthwork take-offs – they are missing from the plans	Elevation labels have been added to the construction plans included in Addendum No. 1, Also ACAD drawings depicting the existing and proposed grading surfaces have been uploaded to the SSCAFCA website
2) Bid Item #2, Traffic Control Complete (1%). What is 1% referring to?	The text "(1%)" has been removed from the Bid Proposal Form
3) Item 4 is an Allowance for Material Testing. How much is the Allowance? The form is blank.	The allowance has been estimated at \$35,000.00. The Bid Proposal form has been revised accordingly
4) Item 7 – Is the haul allowed by Scraper since the existing road is not paved, or will the governing agencies require trucking?	Hauling along 13th, 14th, and 15th Ave between 5th and 10th St will be allowed subject to approval of a Traffic Control Plan by Sandoval County Public Works. The contractor will also be responsible for dust control and grading of the dirt roads to maintain them during construction activities and to return them to the pre-construction grade/condition after construction is complete.
5) Item 33 is labelled 32 (there are two item 32s). Can this be corrected prior to bid submission?	Item 33 has been re-labeled on the Bid Proposal form
6) The Earthwork Quantities on sheet 2-15 do not include Clear and Grub for the Spoil pile location on sheet 2-10. Will SSCAFCA require this area to be cleared prior to constructing the spoil pile?	For bidding purposes assume clearing and grubbing of the spoil pile location is not required
7) Note 6 on Sheet 2-3 states to build Rill Killers on all cut and fill slopes, which will include the Cholla and Nopal ponds. Bid item 43 identifies Rill Killers ONLY on the Spoil Pile. Are Rill Killers required only on the Spoil Pile?	Rill Killers are required on all cut and fill slopes per Detail 6/2-15 including the spoil pile. Rill Killers are incidental to all cut and fill operations and not a separate pay item. The Bid Proposal has been modified to remove the term "Rill Killers" from the description for Bid Item 43.
8) The City of Rio Rancho has in the past charged haul fees but not for publically funded projects. Does SSCAFCA know if the bidding contractors need to include haul fees in this bid?	Contractor should confirm with the City of Rio Rancho Development Services Department C/O David Serrano.
a. Has SSCAFCA and CORR discussed required permits and fees for this project? Past SSCAFCA projects the CORR has waived fees, but the contractor was required to obtain the necessary permits	SSCAFCA expects the contractor to acquire all permits but CORR waives fees on SSCAFCA projects.
b. Does the CORR know that 14 th Ave NW will be permanently closed?	Yes
9) NMDOT 2019 Standard Specification 602 does not classify Type L or M Rip Rap. Do these items fall under APWA Section 109?	Section 109 of NM APWA Specifications will apply for Types L and M Riprap
a. Gabions per NMDOT 2019 602.2.1:1 specify 4"-8". Can you please confirm this size for the Gabions?	The riprap stone for the Gabions shall follow NMDOT 2019 Specifications Section 602.2.1, Table 602.2.2:1 (4"-8")
b. What is the Reno Mattress per Sheet 2-3 dimensions? (9' x 6' x 12" or 12' x 6' x 12")?	The Reno Mattress could be either size depending on the overall dimensions and configuration. Custom sizes might be necessary. The contractor shall determine the most economical configuration and present in a shop drawing for review prior to installation.
c. Type M per APWA is 12" for Mean Particle Size. Please confirm item 14 (D50=18")?	The Bid Proposal for Bid Item 14 Type M Riprap has been revised to include D50=12" per APWA specifications

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<p>10) On the Plan-sheets for the Schedule of Structures, the 3'x3'x6' Gabion baskets are identified. The other column is simply "Gabion Baskets". On Sheets 13-14 to 13-23, several different sizes of Gabion Baskets are identified ranging from 6'x3'x1.5' to 6'x25'x3'. Can you confirm that all of the various sizes of Gabion Baskets are combined together in the Schedule of Structures Column marked "Gabion Baskets"? If so, is there a separate plan available for the bidders to determine the required quantity of each size?</p>	<p>Contractor may use common basket sizes with occasional modification to meet the design intent and will be required to present a shop drawing of their proposed configuration for review. Overall quantities are shown in the revised Bid Proposal and schedule of quantities on revised Sheets 2-12 thru 2-14.</p>
<p>a. The Schedule of Structures for 3'x3x6' Gabions adds to 325.22 cy, yet the "Total Row" on Sheet 2-14 is only 107.45 cy. Can you clarify the discrepancy?</p>	<p>The separate designations for various Gabions have been eliminated and the quantities for Gabions have been combined them all under "Gabion Baskets" The total now includes all Gabions. The Bid Proposal form and quantity schedules on Sheets 2-12 thru 2-14 have been revised.</p>
<p>11) Item 8, Foundation Preparation Below Pond Embankment by the SY: Does this specifically refer to the Keyway on sheet 13-12? If so, should this item be paid by the Cubic Yard or is the removal and replacement paid by other items?</p>	<p>Excavation of the key trench is included in the earthwork quantity. Item 8 is for foundation prep (prewetting and extra compaction) and is appropriately paid by the SY</p>
<p>a. The Geo-Test Soils Report dated 8-22-18, Page 7 gives specific instructions to prepare the foundation for the pond embankments, specifically 3 foot over-excavation and an additional 5 feet of moisture conditioning. This is essentially a remove and replace of the existing material. On a recent project creating a dam for AMAFCA at Kirtland Air Force Base, we were paid by the CY based on pre-and post-survey. Bid Item #8 is currently paid by the SY which will be difficult to measure in the field since the soils report recommends a certain depth of construction and the bid item is area only. If the item stays as SY, the bidders need to understand that this is the area that requires a total of 8 feet moisture conditioning and treatment. At the pre-bid meeting this week, SSCACFCA announced to pay attention to the recommendations in this report.</p>	<p>The intent is to excavate the key trench and pay to fill it back up with engineered fill (which is a pay item). Excavation is only paid to the extent that it is beyond that needed for fill and that which is incidental to clearing and grubbing. The contractor will only be paid for the fill and not the excavation which is consistent with the approach for the balance of the earthwork. The pre-wetting and compaction of the foot print of the embankment after that area has been excavated is paid by the SY.</p>
<p>12) Regarding Item 10, Type L Rip Rap per detail 3, Sheet 2-3. Is for the 5 rundowns to the Cholla Pond drawn on Sheet 2-5?</p>	<p>Yes</p>
<p>a. Sheet 2-12 Calls out Type L Rip Rap for the 2 Drainage Grade Protection Structures at Sta 21+49.80 and 22+10.30. On Sheet 3-1 Plan and Profile, these Structures are Type M Rip Rap, which is bid item 14. Can you please clarify the locations for the Type L Rip Rap?</p>	<p>The quantities for Bid Item 14 were changed to Type M Riprap in Addendum No. 1</p>
<p>13) All Manholes on the plans are missing the diameter sizes. The bid items call out these to be 8' diameter. Is this correct?</p>	<p>Per the Bid Proposal all manholes are 8' diameter</p>
<p>14) The sump elevation for MH 4 and 5 is above the outlet invert elevation. Is this correct?</p>	<p>The sump elevations for manholes 4 and 5 have been fixed and Sheets 3-4 and 3-5 have been revised</p>
<p>15) MH 6 and 7 appear to be cast in the field with a precast top due to the height of the manhole and size of the pipe. Please confirm?</p>	<p>That would be up to the contractor with the advance approval of SSCAFCA and the Engineer</p>
<p>16) Please verify bid Item 37, RPCC Cap over 24" DI WL. Sheet 3-7 shows the existing WL, but it doesn't show where the Cap is installed. Is the only reference to this item on the plans Detail 1 on sheet 2-2? Please clarify location on Sheet 3-7 unless referenced otherwise.</p>	<p>The concrete cap location has been added to Sheet 3-7 and was included in Addendum No. 1</p>

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a. What is the elevation clearance of the RPCC Cap on top of the existing 24" WL?	The objective is to protect the water line to the maximum extent possible without interfering with the construction of the storm drain; therefore, the clearance should be the maximum possible.
17) On Sheet 3-7 there is a note for the Existing 10" WL to be relocated and an additional note of approximate location of existing 10" WL to be relocated. Both notes point to two DIFFERENT locations on Northern Blvd. Since bid item 35 is 10" Water Line Relocation in Northern Blvd is Lump Sum, please provide a detail of this scope of work:	The location of the 10" water line to be relocated is in the vicinity of the proposed storm drain crossing. The note on Sheet 3-7 located slightly to the west has been deleted.
a. Is the entire line being removed and relocated in the section of Northern Blvd?	No, only the section of water line in the immediate vicinity of the proposed storm drain crossing will need to be relocated(lowered)
b. Is the line to be relocated under the existing 3 culverts?	No, it is in the immediate vicinity of the proposed storm drain crossing
c. Is the scope simply to Dog-leg the existing 10" WL under the new 48" Storm Drain per detail 7, Sheet 2-3?	That is correct
d. Does the same above apply to the existing 16" WL?	Yes
18) Is Northern Blvd allowed to be closed during the phased work on Northern Blvd?	The CORR will make the final determination but assume for bidding that traffic shall be maintained at all times on Northern Blvd.
a. Item 37, RPCC Cap over the existing 24" WL will require the concrete to cure before backfill which will prohibit traffic movement given the depth of excavation required to install this Cap.	Assuming that to be the case, construction of the concrete cap may be phased in order to allow traffic on Northern Blvd.
19) Will SCAFCA require tracer wire for the storm drain pipe?	Tracer wire will not be required for the storm drain pipe
20) Is the Trench, Backfill and Compaction incidental to Items 27 and 28, RCP Complete?	Yes
21) Bid Item 27. 36" RCP for Nopal Pond says Class II but the plans call for Class III. Please clarify?	The description of Bid Item 27 in the Bid Proposal has been changed to Class III
22) Please confirm the Ported Risers have 36" Ring and Cover for each lid. Standard size is 24" with CORR requiring 30" for their manholes – See Sheet 2-2. 36" Ring & Cover may be too heavy to lift while 8 feet above ground on top of the Ported Riser.	The Ported Risers have 36" Ring and Cover for each lid
23) Sheet 2-5 & 3-1 Calls outs for 71 LF of 42" RCP for the Cholla Pond and Sheet 2-6 measures 71 LF. The bid item quantity number 28 is 114 LF. Can you tell us where the additional 43 LF is located?	The quantity of 42" RCP was revised to 71 LF in Addendum No. 1
24) On Sheets 2-13 and 2-14, the total quantity for Type M Rip Rap is 491.95 CY, but the bid item is 763 CY. Can you clarify the difference and if there is additional locations for this rip rap?	The quantity of Type M Riprap on Sheet 2-14 was revised to 763 CY in Addendum No. 1

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25) Can you provide a detail of the Nopal Pond Run-Down off 12 th Ave NW similar to the detail of Sheet 2-8?	Additional build notes and a revised cross section have been added for clarity on Sheet 3-10. Dimensions have been modified on Sheet 13-22.
a. Is the Rip Rap at the pond Type M and how thick?	The rundown at 12th Ave is 12" Reno Mattress and Gabions
b. Is the Run Down at the bollards Reno Mattress?	The rundown at 12th Ave is 12" Reno Mattress
c. Are there Gabions along the side of the Reno Mattress or is there Type M or Type L at this location?	These are Gabions
26) On Sheet 2-7 there is a Note for 2" Asphalt Paving. Can you clearly define the limits? What is the expected quantity?	The quantity for asphalt paving at this location is included in the surfacing schedule on Sheet 2-11; however, it should be 3" thickness per Typical Section 4 on Sheet 2-1. Sheet 2-7 has been revised.
a. What is the Paving Section if it includes Base Course	Base course not required per Typical Section 4 on Sheet 2-1
b. What pay item is used for this?	Bid Item 30 includes the paving, subgrade prep, prime coat, and removal/disposal of existing pavement
c. NMDOT SP-III cannot be used for a 2" lift. Is this SP-IV?	See response to 26.b above
27) Can you please confirm the Type M Rip Rap at the outfall on Sheet 2-9 has 12" Base Course under it? All other Rip Rap notes throughout the plans only have 6" of Base Course.	12" base course will be required at this location per plans
28) Can you tell us what the scale is for Sheet 2-10? We need this to measure the new fence required and once the existing contour elevations are provided, we can calculate the volume.	The scale for the full-size sheets is 1"=30'. Sheet 2-10 has been revised
29) There is a KFPG with arrow on Sheet 2-10, Spoil Pile. Is this energy dissipater required at this location? If so, can the quantities for bid item 15 be adjusted?	KFPG is not intended for the spoil pile. The "stray" note on Sheet 2-10 has been deleted.
30) The match line on sheet 3-2 for sheet 3-3 is adjacent to 12 th Ave NW at the run-down to the Nopal Pond. Yet the corresponding match line on sheet 3-3 is at the opposite end of the Nopal Pond near the Spillway. Is there a missing exhibit to the plans?	The match lines have been revised on Sheets 3-1 thru 3-5
a. Same question regarding Sheet 3-3 and 3-4	The match lines have been revised on Sheets 3-1 thru 3-5
31) Can you please identify the locations of Item 33, Residential Water Service Replacement and Cap of Existing Tap? It is not clear on the plans. This is needed to determine sizes of tapping saddles	The 5 existing residential water services are located on 11th Ave. and are associated with existing residences or stubbed to each lot on the south side of 11th Ave. The water line is shown in the SUE and the As-Builts to be 6" diameter. The specific size and/or configurations of each tap is unknown.
32) Are end sections required where the new storm culverts end?	An end section is not required at the downstream end of the proposed storm drain
33) Sheet 2-2: Please confirm the requirement of a Traffic Lid of the 10' Diameter Concrete Filled CMP Ported Riser. Is this Traffic Rated? Does the Ring & Cover rest of top of the lid or is it embedded and flush with the lid? The detail doesn't show this.	The lid shall be traffic rated. Ring and cover shall be embedded and flush with the lid

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<p>During the site visit this morning, I observed a significant amount of trash and debris that will need to be removed and disposed. Is it possible to include an allowance on the bid form for any trash that will need to be taken care of?</p>	<p>For bidding purposes assume removal of existing trash and debris is included in clearing and grubbing.</p>
<p>Also, I checked with Maccaferri, the local distributor for Rip Rap supplies, Gabions and Reno Mattress and they inform me the following sizes maybe very difficult to obtain: 6'x25'x3' 6'x3'x4.5' 6'x6'x3' 6'x7.5'x3' Is there an opportunity to make substitutes with the other sizes in the plans?</p>	<p>Gabion sizes have been revised to those that are commonly available or that can be readily created by modifying common sized baskets. Sheets 13-14 thru 13-21 have been revised. Contractor will be required to provide shop drawings for review of Gabion walls showing their proposed layout scheme.</p>