

**QUESTIONS FROM BIDDERS**

See Notes

**Mineral Springs Wastewater Treatment Plant Sludge Dewatering Upgrades**

(BID DATE: 2:00 p.m. June 6, 2018)

Update: 6/1/2018

Question #	Question	Answer
1	Will the bid date be delayed?	Yes, the bid opening will be moved to Wednesday June 6th, 2018 at 2:00 PM at the same location shown on the bid advertisement, Wahoo Creek Administration Building located at 315 Millard Farmer Industrial Boulevard, Newnan, Georgia 30263. This will be clarified by Addendum No.1.
2	What is the Engineer's estimate for the project?	\$ 6.0 Million
3	Are there any plans to have a pre-bid meeting of a site visit? If not would you advise on whom I should speak with about a site visit?	No pre-bid meeting is planned. Please schedule all site visits with either Matt Kuehl (678-618-8012) or Thomas Willis (404-713-8330)
4	In Section 46 33 40 Chemical Metering Pump Skid System - Sub section 2.3 Manufacturer on page 865 , Blue-White Industries is listed as an approved manufacturer, however, Blue-White skids are constructed of polyester powder coated welded aluminum. Is poly coated aluminum acceptable?	No, coated aluminum skids are not acceptable. Blue-White will be removed from the list of acceptable manufacturers by Addendum No.1.
5	Under Section 46 33 42 Diaphragm-Type Metering Pumps – Sub section 2.1 on page 872, Blue-White is not listed as an approved pump manufacturer. The attachment 85000-121 provides data for Blue-White's diaphragm line. Would the MC-2 or MC-3 diaphragm pump be approved for this application? If so, the max output required of the pump is listed as 21 GPH, but could the actual output and operating conditions be clarified for pump selection accuracy?	If the pumps can meet the requirements of Specifications Section 46 32 42, they can be written in the bid form as an alternate and will be further evaluated after the bid. The operating conditions are specified under Specifications Section 46 32 42 paragraphs 1.7 and 2.2.
6	Would Peristaltic pumps be considered?	No. Per Specifications Section 46 32 42.2.2.A.2, pumps shall have a turn-down ratio of 100:1
7	UGSI has over the years acquired several companies in the Chemical Feed Market including the Chemical Feed units from Wallace and Tiernan both metering pumps and dry feed equipment. If you could change the bid from to reflect the UGSI Chemical Feed Systems this would be helpful.	Wallace and Tiernan's name will be replaced with UGSI in both the technical specifications and the bid form. This will be clarified by Addendum No.1.
8	The spec calls for Coffing Hoists Model LHH Chain Hoist with CBTG Geared Trolley. These are manual and not electric. The spec states the hoists and trolleys shall be Manual but also state Electric. Which is required?	Only manual chain hoists are required. This will be clarified by Addendum No.1.
9	The spec states the hoists and trolleys shall be designed for outdoor installation but are indoors. Which is required? (Please note the Coffing LHH hoist and CBTG trolley are not suitable for outdoor service, they are intended for indoor dry service)	The manual chain hoists will be installed indoors. This will be clarified by Addendum No.1.
10	The spec states the monorail beam is S15x42.9 but the drawings show S8x18.4. Which is going to be provided? I need this to size the trolley	The monorail beam shall be S8x18.4. This will be clarified by Addendum No.1
11	It appears that the alum. weir plate detail is missing. The mechanical drawings callout the weir plates. They say to see structural drawings for weir plate details. There does not appear to be any details for weir plate on the structural drawings. Please furnish detail.	The detail for the aluminum weirs will be added by Addendum No.1
12	Please review and consider adding Vulcan Industries to the approved screen manufacturers.	If the screens can meet the requirements of Specifications Sections 46 21 11 and 46 21 74, they can be written in the bid form as an alternate and will be further evaluated after the bid.
13	Please review and consider adding Enviro-Care Multi-Rake Screens to the approved screen manufacturers.	If the screens can meet the requirements of Specifications Sections 46 21 11 and 46 21 74, they can be written in the bid form as an alternate and will be further evaluated after the bid.
14	Metering pump skid spec, Part 2.2.A.1 lists that pumps are required for both liquid polymer and liquid alum. However, everything in the bid package only pertains to liquid alum. Is there another package that we need in order to quote the liquid polymer system?	No, the metering pump skid is only required for Alum. There isn't a polymer system in this project. The specification section will be clarified by Addendum No.2

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15	Can you see if we can get more information on the existing MCC-C for the supply houses?	The existing MCC-C is a Square D Model 6 Motor Control Center. The nameplate on the MCC has F.O. #16060736-002.
16	Could you provide more information on the required LCP - there is not enough for the supply houses to quote off of	Please refer to Specifications Sections 25 00 00 and 25 51 00 along with the Electrical and P&ID Drawings.
17	Reference 00 41 13-I.C (Sections II.1, II.2, & V.2) and Attachments C, D, & E regarding the amounts for the pre-negotiated equipment items for the project (Smith & Loveless, Parkson, & Xylem-Sanitaire). The listed amounts on the bid form (00 41 13) do not match the pricing found in Attachments C, D, & E. What is the reason for this? Are we to treat the prices listed on the bid form as "cash allowances" for the purchase price of these equipment items? Do these amounts include an estimate for sales tax? Are we to include the prices on the bid form in our bid or the quoted prices in Attachments C, D, & E? Please advise.	Please use the prices listed on the bid form. The prices listed on the bid form include estimated sales taxes. The final (actual) price will be adjusted by change order during construction.
18	Reference 01 10 00-1.5.A regarding the Owner-provided generator equipment. Please provide an estimated value of the generator equipment in order for us to provide adequate insurance for handling/installing this equipment.	Installation of the Generator will be completed under a separate contract. The Contractor will not be required to handle or install the generator. Section 01 10 00-1.5.A will be revised by Addendum No.2.
19	Reference Attachment D for the Parkson equipment. Why do we have two (2) different quotes for this equipment – one (1) is dated 4/10/18 and one (1) is dated 3/6/17. Can we disregard the quote/scope dated 3/6/17? Please advise.	Yes, please ignore the quote dated 3/6/2017. This will be clarified by Addendum No.2
20	Global Controls, a systems integrator, was not listed in the pre-approved portion of the specifications. Please see a brief summary of their projects with Newnan Utilities below. Can they be added to the approved integrator/instrumentation subcontractor list?	Yes, we will add Global Controls to the list of approved Process Instrumentation and Controls Suppliers (PICS) via Addendum No.2
21	Drawing G.02: Note 1: Is the linkseal hardware to be 304 or 316 stainless?	The hardware shall be 316 stainless steel. This will be clarified by Addendum No.2
22	Drawing C.03: In the concrete pavings notes, where and how often is the joint sealant, bond breaking material, and joint filler to be used?	The joint sealant with bond breaker and joint filler shall be used along all expansion joints. The locations of all expansion joints will be shown on the paving plan to be updated via Addendum No.2
23	Drawing C.03: Where are the transverse expansion joint(s) to be?	The locations of all expansion joints will be shown on the paving plan to be updated via Addendum No.2
24	Drawing C.03: The 'Detail of Transverse Expansion Joint (EJ)' shows to paint and grease the dowels. What product of paint and grease is required?	Dowels shall be speed dowel type. This detail will be revised by Addendum No.2
25	Drawing S.4.3: Note 2 states that the grating over the Effluent Channel is to be provided by the Contractor, but in the top plan, there is a callout note pointing to the Effluent Channel listing the areas to be provided by the Vendor. Please confirm the Effluent Channel grating is by the Contractor.	Yes, Note 2 is correct. Grating and supports over the effluent channel, bypass channel, and splitter box to be provided by the contractor. The note on the plan view will be clarified by Addendum No.2
26	Where is the System Integrator listed in the bid form?	The System Integrator (PICS) will be a sub-consultant to the general contractor, and will not be listed on the bid form. The System Integrator shall provide all panels (SCADA-LCP 1, SCADA-LCP 2, and SCADA-LCP 3) specified on the P&IDs and Division 25 of the specifications. The System Integrator is also responsible for programming the PLCs.
27	E & I Corporation would like to be added to the spec for Mineral Springs. My manufacture has reviewed the spec and has made their recommendation that meets or exceeds expectations in performance.	If the screens can meet the requirements of Specifications Sections 46 21 11 and 46 21 74, they can be written in the bid form as an alternate and will be further evaluated after the bid.

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28	When will Addendum No.2 be issued?	Addendum No.2 will be issued Friday June 1, 2018.
29	Concerning the excavation of the Filter Reject and Drain PS: Are there any special shoring requirements for excavating against Chlorine Contact Tank #1?	Yes, these will be clarified via Addendum No.2
30	Concerning the excavation of the Filter Reject and Drain PS: Please confirm the very bottom elevation of Chlorine Contact Tank #1 at the excavating location.	The underside of the Chlorine Contact Tank bottom slab Elevation varies between 752.5'± and 753.0'±
31	The specs call for stainless steel pipe 10" and smaller to be 14 gauge. It also says to refer to table 6-2 for stainless steel tubing 3" and larger. I cannot find a table 6-2. Will you please clarify what type and thickness of pipe you would like for the all of the stainless steel air piping on this job?	This will be clarified via Addendum No.2
32	The Instructions to Bidders, Article 1.2, and The Contract Agreement both reference "Special Conditions" and "Supplemental Conditions" as Contracts Documents, but there are no apparent Special or Supplemental Conditions. Please clarify.	There are no sections titled Special Conditions or Supplemental Conditions in this contract.
33	Article 1.2 of the Instructions to Bidders (ITB) states in part "geotechnical investigations and soil reports and drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site, are not Contract Documents". Please clarify the extent of any technical data upon which the Contractor may rely found in Attachment B, Revised Subsurface Exploration Report – Mineral Springs WPCP Improvements – S&ME Project No. 1280-15-022 (S&ME, December 9, 2015).	Please refer to Specifications Section 02 32 00. This soil investigation information is offered as an aid in bidding only. The report and boring logs are not a warranty of subsurface conditions. The Owner, Engineer, and Geotechnical Engineer assume no responsibility for any variation between materials encountered during construction and those indicated in the report, or for any variation between the location of the water table encountered and that indicated on the boring logs at the date the borings were taken.
34	Article 1.12 of the ITB states "The Bidder is specifically advised that any person, firm or other party to whom it is proposed to award a subcontract under this Contract must be acceptable to the Owner". In the event the Owner rejects a chosen Subcontractor, will the Contractor receive an equitable adjustment in contract cost and/or contract time to accommodate the use of a different Subcontractor?	No.
35	The Contract Agreement states in part " The Owner hereby agrees to pay to the Contractor for the faithful performance of this Contract Agreement, subject to additions and deductions as provided in the Specifications and Bid, in lawful money of the United States of America, the sum of ____Dollars which sum shall also pay for loss or damage arising out of the nature of the Work aforesaid, or from the action of the elements, or from unforeseen obstructions or difficulties encountered in the prosecution of the Work, ". This appears to be a disclaimer for Differing Site Conditions and Abnormal Weather. This contradicts language in the General Conditions. Please clarify the Owner's intent.	The Owner's intent is to pay for the work completed meeting the requirements of the Contract Documents. The final contract sum amount is subject to additions and/or deductions as stipulated in the Contract.
36	Will the contractor receive an equitable adjustment in Contract Cost and/or Contract Time due to delays caused by the Owner, or others working for the Owner?	The Contractor will receive equitable adjustment in the Contract Cost and/or Contract time per the Contract General Conditions.

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37	GC 23 states in part "The Contractor shall guarantee the equipment to be free from defects in workmanship, design, and material for a period of one year after start-up operation and formal acceptance of equipment". We are not the Designer of the project, and cannot guarantee the design of equipment specified by the Engineer/Owner in the Contract Documents. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective.	Noted.
38	What are the provisions for Undisclosed Hazardous Environmental Conditions on Site? Does the Owner agree to indemnify and hold harmless the Contractor for preexisting Undisclosed Hazardous Environmental Conditions discovered during the execution of the Work?	The Owner and Engineer do not intend to hold the Contractor responsible for hazardous environmental conditions that may exist. No materials have been tested to determine if any hazardous materials (lead, asbestos, mold, etc.) are present on the structure, or equipment or any other items required to be demolished. The Owner and Engineer have no knowledge of any presence of hazardous materials existing on the structure, or equipment or any other items required to be demolished. Notify Owner and Engineer upon discovery of hazardous materials.
39	What are the contract Dispute Resolution Provisions?	See Contract Agreement (Section 00 52 13) and Administrative Requirements (Section 01 30 00) for how the Owner intends to handle contract disputes.
40	Can we use the area that currently has aggregate applied on south of the existing aerobic digester for contractor office trailers and other construction materials? The contractor assumes that they can not impeded or disturb normal operations for storage purposes. Are there any areas within the fenced in area of the plant that are not able to be utilized for storage?	Locations for Contractor's office and tool trailers will be coordinated after the bid. Office trailers can be located near the digesters, but the exact location will need to be coordinated with the Owner. There is not much storage space inside the existing fence limit. There some areas and sewer easements outside the fence limits that maybe used for material storage. Temporary fences maybe required.
41	The bid forms request that the contractors bid on additional work in "Section VIII – EXTRA WORK, IF ORDERED BY THE ENGINEER:" For the Ductile Iron Pipe – can the Engineer provide any additional information for this section as several factors may play a significant factor in costs, this includes but is not limited to pipe size, pipe stands, thrust blocks, elevation, access, dewatering, bypassing and similar.	This unit price proposed shall cover all possible ductile iron pipe installations up to the largest pipe size shown the Drawings.
42	Is there a period of time that the secondary clarifiers may be shut down for UG pipe tie-ins? The contractor may need up to 4 weeks.	Currently, the Clarifiers are operated with one in service, and the second Clarifier is a backup. At least one clarifier must remain in service at all times. The backup Clarifier maybe taken out of service for four (4) weeks or possibly longer depending on plant operating conditions.
43	Prior to project start up, is there a need for Area 3, Secondary PS?	No, but Area 3 must be complete before Area 4 because it will be required to startup and test the Filters (Area 4).
44	Does the Engineer anticipate the need by the plant for any of the new work as part of this contract prior to complete system startup?	The Owner would like to begin using stuctures/equipment as soon as they are ready for use after they are started up, and tested. For example, the Owner would like to begin using the new bar screens as soon as they are ready for continous use.
45	Shall the Contractor be permitted to include OH, profit and other such fees (01 21 13 section 1.2) if the units as provided in section VIII are extended beyond the Engineer provided units? If the answer is no, would a limit of potential exceedance be set by the Engineer.	No, please refer to the Instructions to Bidders (Section 00 21 13-1.7.1.7.a) and Unit Prices (Section 01 26 00). No limit will be fixed for such increased or decreased quantities nor extra compensation allowed.
46	Has the Engineer / Owner include an inspection by either the Engineer or 3rd party full time on site?	There will be an inspector on this project. The Contractor is not required to account for the cost of inspectors in his bid.

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47	The Engineer has not include a provision in the specifications for bypassing, is there any mechanical or temporary bypassing expected by the Owner or Engineer?	No, any bypass pumping required shall be the responsibility of the Contractor.
48	Please advise the Contractors on how long the air may be shut down for a tie-in for Area 6. (12" (to be confirmed pipe)	The duration of the shutdown depends on whether the new Blowers in Area 6 are in service or not, and it also depends on the time of year.
49	Please confirm for the Owner negotiated equipment that the vendors are in agreement with the Engineer's specifications as a whole, this includes terms and conditions.	The Owner negotiated equipment is in agreement with the Engineer's performance requirements. The Owner and Engineer did not review or negotiate or modify the manufacturer's terms and conditions. It is the responsibility of the Contractor to make sure all equipment manufacturer's terms and conditions meet the requirements of the Contract.
50	Specification Section 01 75 10, 1.5, B. – please define, or provide an estimated range, "... sufficient period of time ..." for Area 4 - assuming all other contractor provided / installed operates "normal"	The minimum time required for functional testing shall not less than 30-days.
51	Provided that the majority of the 30" pipe is being reutilized on site, may the contractor consider reutilizing pipe that is identified as being removed if the pipe is in similar condition as the existing? Also, there appears to be conflict between the C drawings and M drawing on select pipe or area, please confirm which section (C or M) shall prevail. As an example: 30" Pipe from Secondary Clarifier to Secondary PS Drawing C.06 shows that the 90 bend nearest to the South Contact Tank (#2) is to be reutilized. Other drawings similar to M3.1 and M3.3 indicate it will be a new 90. Please clarify if this 90 is to be new or reutilized.	In general if pipe is called to be demoed and replaced, then contractor shall assume providing and installing new pipe. For the example noted, Drawings C.06, M.3.1, and M.3.3 show the existing fitting being reused but with new restrained glands.
52	Under section 00 21 13 – please confirm if it is the Owners intent for the "DURATION OF OFFER", to be utilized. If possible, please outline a projected timeline of award and or possible Notice of Award.	The Owner intends to issue a NTP as soon as possible.
53	Reference specification Section 40 05 13-2.6.J. We have had a fabricator ask for some relief on this specification due to the large size of the spool pieces. Would you consider relaxing this specification to include swab pickling as acceptable?	No.
54	Sheet C.03: Please see attached. Please confirm if the area at the Effluent Filters and Alum Bulk Storage are to be repaved per the detail on the attached sheet.	Drawing C.03 will be clarified and replaced via Addendum No.2
55	I had an asphalt subcontractor that is quoting the project bring up the details shown on the attached C.08. They requested clarification on where and which type would apply. Can you address in addendum #2?	The details on Drawing C.08 for pavement cuts on trenches through existing pavements where the pavement is not called to be replaced on the paving plan. The Type of pavement cut depends on the location and existing pavement being cut for the trench.
56	The specified Hubbell FRP enclosure is 54.88" Tall by 63.5" in length. The schematic below shows the dilution panels mounting above the chemical feed skids. There may not be enough room to mount in this configuration. Is it acceptable to mount the dilution panels on the side walls of the enclosure if we can't make everything fit as shown?	Yes.
57	Are there any AIS or buy American requirements for this project? AIS is mentioned in the rebar spec but nowhere else in the documents that we have found.	No, this will be clarified by Addendum No.2.

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58	Drawing C.06: Please see the boxed note on the attached sheet ("NOTE: REMOVE AND/OR REROUTE EXISTING WATER LINES AND BURIED UTILITIES AS REQ'D TO CONSTRUCT PROPOSED IMPROVEMENTS (TYP.)"). This general note could cost the Contractor little to nothing or tens of thousands of dollars. Can there be an unknown and unforeseen utility allowance so all contractors are bidding the same?	Cost to relocate existing utilities not detailed or shown on the Drawings will be paid for under the Extra Work unit price items.
59	There appears to be an issue with page numbering: 39/91 & 40/91 each appear twice with different drawings, while 44/91, 45/91, & 61/91-91/91 appear to be missing.	All Drawing numbers are correct and were included in the Bid Set of Drawings. There is an issue with the sheet numbering that will be clarified via Addendum No.2
60	Section B on M.4.2 shows a 24" B'fly valve; should this really be a 30" B'fly valve?	Yes, this will be clarified by Addendum No.2
61	Section C on M.4.3 shows two 24" B'fly valves on right end; should these really be 30" valves? This section also appears to have a 14" B'fly valve missing.	Yes, this will be clarified by Addendum No.2
62	Sections B & C on M.6.3 shows 10" waffer B'fly valve on 8" line.	This will be clarified via Addendum No.2.
63	Can you provide more information on Trinity Framing System named in Paragraph 2.1.B.1? When we search "Trinity Framing System", we get numerous results, but none appear to be truss manufacturers. If you can give us a phone number or address for the company you have in mind, it will to ensure we are pricing the correct material.	This will be clarified via Addendum No.2.
64	Do you have a specific spec for the metal roof trusses (thickness, coatings, design loads, etc.)?	See Section 07 40 00 Paragraph 1.2
65	Section B on Drawing S4.4 appears to show the Influent and Effluent Channel Slabs being poured monolithically with a short section of wall. Please advise if a construction joint may be placed between the Channel Slab and Wall. If not, please advise if the Construction Joint shown at Elev. 768.85 may be raised 1'-10" to correspond to the bottom of the Influent and Effluent Channels.	The influent channel has beams that must be poured with the slab and the bars in those beams must be developed into the walls between the filters that are parallel with the beams, see Section F on S.4.4. Depending on layout of rebar, it would be acceptable to add vertical construction joints and block outs for beams.
66	Drawing M.2.2: please provide a detail for cleanouts	See cleanout details on Drawing C.07.
67	Will a separate 30 day operational test period be allowed for separate areas - i.e.. Pista grit	Yes.
68	M.3.1 & M.3.2: Does all of the exposed pump discharge piping including the ARV piping insulate & heat trace, 14" flg pipe?	Only pipe that is 12" and smaller that is subject be being full of water all or most of the time needs to be heat traces, insulated, and jacketed.
69	Section 03 30 00: This specification requires the testing lab to be at the batch plant & at the site when concrete is placed, will this be enforced?	Yes.
70	Section 03 30 00: This specification calls out concrete for water holding structures to have no super p, and a max slump of 4". Can this be changed to allow for super p or a higher slump?	This will be clarified via Addendum No.2
71	Section 03 10 00: This specification calls out vapor barrier 15 mils thick under all slabs. Will this be required?	Yes.
72	Who pays for soil, concrete & h-pile testing?	The Contractor pays for all testing.

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73	Section 33 05 14: Section 1.10.B calls out 3 neutralization structures - where are they shown? A chemical resistant coating is also called out where does this go?	There aren't any neutralization structures in the project. Chemical resistant coating is required at the Bulk Alum Storage Structure (Area 05). This will be clarified via Addendum No.2
74	Drawings M.2.1, 2, 3: Note 3 on M2.1 calls out insulate & heat trace pinch valve, but no piping. Where is the pinch valve called out? Does the discharge 90 require insulation & heat tracing? How about the pump?	The pinch valve is part of the Smith and Loveless PistaGrit Equipment, refer to Attachment C of the specifications. Yes, the discharge 90 requires heat tracing and insulation. The pump is not required be heat traced and insulated.
75	Drawing M.6.2: A note on this sheet calls out insulating all interior air piping on the discharge side of the blowers. The new piping ties onto existing 16" dip, does the dip get insulation? Does the 12" out side get insulated?	Yes, all interior air pipe including the 16" DIP shall be insulated. All exterior air piping is not required to be insulated and jacketed.
76	Will the below rooms below grade receive paint after the equipment removal.	Yes. The Finish Schedule will be updated by Addendum No.2.
77	Concerning Exterior Concrete Finishes. The "Painting Schedule" For exterior above Grade/ Building Surfaces/ Concrete, does not delineate where the exterior "Above Grade" concrete should receive "System 234", as opposed to BASF THOROSEAL (OR EQUAL) water proofing specified in smooth or Rubbed Type II or Type III under found under "Concrete Finish Schedule".	System 234 shall be used where exterior concrete surfaces are called out to be painted in the Specifications, Drawings, and/or Finish Schedule. This will be clarified via Addendum No.2.
78	Per the Bid Form Sections I & V and Attachments C, D & E – the Owner pre-negotiated Base Bid equipment proposals; Please confirm that the payment terms and conditions listed in these proposals will be upheld by the owner for contractor progress payments during construction.	The Owner and Engineer did not review or negotiate or modify the manufacturer's terms and conditions. It is the responsibility of the Contractor to make sure all equipment manufacturer's terms and conditions meet the requirements of the Contract.
79	Per specification section 02 41 16, The owner or engineer have any knowledge of hazardous materials with in the structures to be demolished. If hazardous materials are discovered who is responsible for abatement and does it constitute a change of conditions?	The Owner and Engineer do not intend to hold the Contractor responsible for hazardous environmental conditions that may exist. No materials have been tested to determine if any hazardous materials (lead, asbestos, mold, etc.) are present on the structure, or equipment or any other items required to be demolished. The Owner and Engineer have no knowledge of any presence of hazardous materials existing on the structure, or equipment or any other items required to be demolished. Notify Owner and Engineer upon discovery of hazardous materials. The contractor should conduct testing as required for the safety of his work force. If the contractor conducts testing and hazardous materials are found, then any required remediation would be considered a changed condition and an appropriate change order will be issued. TESTING EXPENSES ARE NOT A CHANGED CONDITION.
80	Please clarify what paving detail is required? Drawing C.03 differs from that that is specified, specifically that of the 19.5 mm Binder.	Binder course is not required.
<b>NOTES:</b>	1. Company Names and Trade Names have been removed from the questions. The answers contain trade names only to refer to existing installations. These inclusions do not represent an 2. Questions from sales representatives have been edited where appropriate for brevity. 3. Questions from General Contractors have been left untouched. 4. Significant Changes in answers previously posted are marked in red.	