



Bid Questions and Answers Report

Date & Time:

1/30/2019 9:32:50 AM

District Address: District 4 Construction Office, located at 3400 West Commercial Blvd. Fort Lauderdale, FL 33309

District Phone: (954) 777-4130

Proposal: T4499

Project: 440554-2-52-01

Letting Date: 1/30/2019

Localtion: CENTRAL OFFICE

Description: SR A1A

Question: 24260: There seems to be a discrepancy in note 2-B on sheet 37. The min. section modulus and min. moment of inertia points to two different sheet pile size classifications. CMI's SG-850 meets the section modulus however does not meet the moment of inertia and the SG-950 meets the moment of inertia but has a significantly higher section modulus. Please confirm weather the SG-850 is acceptable or if the SG-950 is intended to meet the required minimum moment of inertia?

Posted: 1/4/2019 4:15:09 PM

Answer: There are several questions presented.

Status: ANSWER PUBLISHED

There is no discrepancy in note 2-B on sheet 37. The note states "minimum requirements" not exact values. The coincidence that the minimum requirements specified correspond to a unique product types is not to be taken as such. The values presented are minimum values and are to be interpreted as such. All minimum requirements musty be satisfied. For this question both values must be met. Contractor must submit for review and approval via shop drawing process a section that meets plans and specifications. For this question this could mean that a product submitted may match exactly a specified value in one item(e.g. Moment of Inertia) and may exceed not match the exact value specified in another (e.g. Much Higher Section Modulus) but the product that will be approved must either meet or exceed all values provided. We cannot confirm without a formal submittal whether SG-850 or SG-950 are acceptable. Changing the minimal section modules or the minimal moment of inertia points will not be approved under spec 4-3.9 Cost Savings Initiative Proposal.

Posted: 1/9/2019 12:48:17 PM

Question: 24366: Please confirm that all of the existing Riprap is to be hauled off site and disposed of?

Posted: 1/16/2019 12:46:27 PM

Answer: We confirm that is the intent

Status: ANSWER PUBLISHED

Posted: 1/21/2019 6:25:29 AM

Question:	24374: Referencing Note 12 on Sheet No. 7 - Will the Department provide a professional archaeologist for archaeological monitoring at no cost to the Contractor?	Posted:	1/17/2019 7:33:18 AM
Answer:	Please read the notes carefully Reading the rest of note 12 it states the requirements of the Contractor and what the Department will provide.	Status:	ANSWER PUBLISHED
		Posted:	1/21/2019 6:27:31 AM
Question:	24375: Is geotextile fabric required under ditch lining and/or bank and shore stone materials?	Posted:	1/17/2019 7:34:56 AM
Answer:	Geofabric will not be required	Status:	ANSWER PUBLISHED
		Posted:	1/21/2019 6:26:36 AM
Question:	24376: Please define where the 4" and 6" concrete sidewalks are located. It appears that all sidewalks parallel to the bulkhead (~2530 SY) are 4" and the 6 each perpendicular drives are 6" which only totals 40 SY. Some confusion has been presented at STA 26+53.97 on Sheet No. 9 where it states "End 6" Conc. Sidewalk". This hatched section of sidewalk is 4" thick according to the legend.	Posted:	1/17/2019 7:40:21 AM
Answer:	Question is not clear, it appears that Contractor is questioning where 6" and 4" sidewalk are required and states that they cannot find labels. Please reference sheet 9 at station in question. Top of page at Station 24+50.0 it clearly states "Begin 6" concrete sidewalk. Same sheet 26+53.97 states end 6" conc sidewalk. Please read plans carefully for similar call outs. The legend at the bottom of the page clearly states 4" concrete sidewalk unless otherwise marked in plans.	Status:	ANSWER PUBLISHED
		Posted:	1/21/2019 6:28:34 AM
Question:	24393: We have opened all the CAD drawing and are unable to find the cross sections (referencing Sheets 15 - 33 in the plans). Would you be able to provide these or tell us what file name they are under? If its possible to send these via .dwg file that would be greatly appreciated as well.	Posted:	1/17/2019 10:57:33 AM
Answer:	Cross sections are in the CAD file RDXSRD01.DGN in the roadway folder.	Status:	ANSWER PUBLISHED
		Posted:	1/21/2019 6:29:23 AM
Question:	24423: What does the special detour 1 (Item 0102-2-1) pertain to? Are there any plans for this item?	Posted:	1/18/2019 12:52:09 PM

Answer:	The special detour pay item (102-2-1) pertains to the temporary pavement required in Phase II. Approximately 0.5ft of temporary pavement is required in order to provide the 10ft travel lane in Phase II as shown on Traffic Control Plans, sheet 52.	Status: ANSWER PUBLISHED
		Posted: 1/22/2019 7:58:18 AM
Question:	24424: Reference Sheet No. 52 - Phase 1 Construction Notes - Are these notes intended to be the sequence of work and can the Contractor deviate from the order of activities between Line No. 8 through Line No. 12? e.g. rip rap installation before concrete cap and sidewalk.	Posted: 1/18/2019 1:57:21 PM
Answer:	The contractor may propose a change to the sequence of construction to best suit their means and methods. Sequence changes are subject to approval and must provide sufficient information to evaluate the change. Note that no work is allowed below the MHW line.	Status: ANSWER PUBLISHED
		Posted: 1/22/2019 7:58:59 AM
Question:	24425: Reference Sheet No. 52 - Phase 1 Construction Notes - Can the Contractor install rip rap from the waterward toe up the embankment, leaving enough room to form, pour and strip the concrete cap, prior to sheet pile and concrete cap construction - then finish the stone placement after concrete cap is installed?	Posted: 1/18/2019 1:57:53 PM
Answer:	The contractor may propose a change to the sequence of construction to best suit their means and methods. Sequence changes are subject to approval and must provide sufficient information to evaluate the change. Note that no work is allowed below the MHW line.	Status: ANSWER PUBLISHED
		Posted: 1/22/2019 7:59:30 AM
Question:	24426: Referencing Sheet No. 5 and Sheet No. 49 regarding the eccentric cap and the rip rap interface which totals approximately 1,960 LF of this project; In order to build what is shown here and in the sequence of activity notes on Sheet No. 52 the Contractor will have to leave an approximate 2'x3' void beneath the overhanging lip of the eccentric cap and fill beneath it with bank and shore stone. The first issue is this material is too heavy to handle by hand and will not pack well against the cap, leaving voids at the interface. We suggest allowing a layer of ditch lining to be used here. Also, there is an approximate 9" tall x 15" wide gap between the bottom of the cap and the bottom of the rip rap revetment grade and the cross-section drawings show that void being filled with bank and shore stone. That material will not fit in this gap because it is 12" to 24". We suggest allowing the entirety of this void to be filled with ditch lining material.	Posted: 1/18/2019 1:59:43 PM
Answer:	The contractor may propose a change to the sequence of construction to best suit their means and methods. Sequence changes are subject to approval and must provide sufficient information to evaluate the change. Ditch lining at the top of the rip rap and directly under the eccentric cap will not be allowed. The bank and shore rip rap should be placed and stacked appropriately to fill any gaps. It is understood that the bank and shore material is large and will have void spaces throughout as a result of the gradation.	Status: ANSWER PUBLISHED
		Posted: 1/22/2019 8:00:33 AM

Question:	24435: Due to work zone access restrictions can the Contractor load stone and fill materials to over-the-road dump trucks parked in the southbound lane of AIA with flaggers. Excavators and other heavy equipment would stay within the designated Work Zone and reach across to place materials in trucks.	Posted:	1/21/2019 1:38:47 PM
Answer:	Single lane closures will be allowed during active work when deemed necessary for loading/unloading within the lane closure restrictions stated on sheet 51. All lane closures shall be in accordance with the appropriate standard. Contractor shall submit a lane closure request, schedule, and details for approval prior to any lane closure.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:06:30 PM
Question:	24437: What specifically is included in the 3,548 SY of Existing Concrete Demo. We only come up with 2,524 SY of concrete sidewalk demo. Does the other roughly 1,000 SY include broken concrete sidewalk within the existing revetment or include asphalt sidewalk demo?	Posted:	1/21/2019 1:53:47 PM
Answer:	The removal of the existing concrete sidewalk is included in pay item 110-4-10 Removal of Existing Concrete. This quantity is not a plan quantity and according to the specifications, "The quantity to be paid for will be the number of square yards of existing concrete elements, acceptably removed and disposed of, as specified. The quantity will be determined by actual measurement along the surface of the element before its removal." Removal of the broken concrete within the existing revetment is quantified under pay item 110-1-1 Clearing and Grubbing.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:07:05 PM
Question:	24438: Under what pay item is demo of existing asphalt sidewalk included?	Posted:	1/21/2019 1:59:53 PM
Answer:	Removal of existin asphalt sidewalk is included in pay item 110-1-1 Clearing and Grubbing.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:04:36 PM
Question:	24439: Under what pay item should we include the cost for removal and disposal for broken concrete in existing revetment? Also, How will this be measured and paid?	Posted:	1/21/2019 2:01:41 PM
Answer:	Removal of the broken concrete within the existing revetment is quantified under pay item 110-1-1 Clearing and Grubbing. Item 110-1-1 is a lump sum item.	Status:	ANSWER PUBLISHED
Question:		Posted:	1/23/2019 2:04:00 PM

Question:	24440: Under what pay item should we include the cost for removal and disposal of rip rap in existing revetment? Also how will this be measured and paid?	Posted:	1/21/2019 2:02:34 PM
Answer:	Removal of the broken concrete within the existing revetment is quantified under pay item 110-1-1 Clearing and Grubbing. Item 110-1-1 is a lump sum item.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:03:08 PM
Question:	24441: Due to work zone access restrictions can the Contractor shut down a section of the southbound lane of AIA with flaggers for concrete pours?	Posted:	1/21/2019 2:03:16 PM
Answer:	Single lane closures will be allowed during active work when deemed necessary for loading/unloading within the lane closure restrictions stated on sheet 51. All lane closures shall be in accordance with the appropriate standard. Contractor shall submit a lane closure request, schedule, and details for approval prior to any lane closure.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:02:27 PM
Question:	24459: Please confirm the quantity for LCDs to be used. The current quantity only accounts for one phase. The TCP plans show LCDs on multiple phases.	Posted:	1/21/2019 7:53:34 PM
Answer:	LCD's are required in phases 1 and 2 as shown on sheet 52. The quantity for pay item 102-74-7 Channelizing Device - Pedestrian LCD is not a plan quantity. Payment is made per Linear foot, as shown in the plans or approved by the Engineer.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:01:38 PM
Question:	24477: Please describe how the "A" values for regular excavation in the cross section drawings were calculated. i.e. what typical geometrical section area is being considered regular excavation?	Posted:	1/22/2019 8:26:03 PM
Answer:	In the cross section sheets, the "A" is the area of regular excavation measured in square feet. Please refer to the 2017 Plans Preparation Manual Section 3.4 for a detailed description on earthwork quantities.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:00:14 PM
Question:	24478: What pay item(s) should the +/- 5,500 CY of excavation for the rip rap revetment be included under?	Posted:	1/22/2019 8:29:21 PM
Answer:	Regular excavation is paid under item 120-1 Regular Excavation. Removal of the broken concrete within the existing revetment is quantified under pay item 110-1-1 Clearing and Grubbing.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:10:31 PM

Question:	24479: Referencing sheet No. 52, Phase 1, Note 6. Does this mean the Contractor is restricted to working only within a 550 section at a time? i.e. all activities within the 550 LF (from clearing, earthwork, VSP wall, concrete cap, rip rap, to sidewalks and sodding) must be 100% complete before advancing to the next 550 LF section?	Posted:	1/23/2019 7:48:15 AM
Answer:	Note 6 and sheet 52 does not require that all activities be completed in order to move the work zone. The intent of the note is to limit the length of temporary barrier and active work zone, especially in the case of lane closures. The sequence and schedule is determined by the contractor's means and methods so long as the active work zone and length of temporary barrier does not exceed 550ft at any time during phase 1. Drop-off conditions must be mitigated according to standard index 600 before the temporary barrier may be removed.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:09:12 PM
Question:	24480: Referencing sheet No. 52, Phase 1, Note 6. If the Contractor is limited to only working in a 550 LF area at one time this will significantly affect the cost and schedule of the project. This means the project is essentially broken into 8 sub-projects with their own critical paths interdependent to the finish of each's preceding 550 LF section. Concrete work is inherently slower than the rest of the activities so all other crews (demo, earthwork, piles, rip rap) will be on standby waiting for concrete throughout the total duration of the project. This in addition creates very congested work zones and eliminates the ability to have dedicated crews and multiple headings spread throughout the project. We suggest eliminating or extending these work area limitations. If the work zone length cannot be changed, we respectfully request a minimum 180-day increase to the performance period.	Posted:	1/23/2019 7:57:52 AM
Answer:	Note 6 and sheet 52 does not require that all activities be completed in order to move the work zone. The intent of the note is to limit the length of temporary barrier and active work zone, especially in the case of lane closures. The sequence and schedule is determined by the contractor's means and methods so long as the active work zone and length of temporary barrier does not exceed 550ft at any time during phase 1. Drop-off conditions must be mitigated according to standard index 600 before the temporary barrier may be removed.	Status:	ANSWER PUBLISHED
		Posted:	1/23/2019 2:10:02 PM
Question:	24553: Please confirm if the existing BT(B) utility line running along the center line of the new sheet piling wall is going to be totally removed by the owner.	Posted:	1/24/2019 1:55:18 PM
Answer:	The BT(B) utility line will only be placed out of service by the owner. It is the contractor's choice on how to address the physical conflict. The line may be removed or broken as needed after it is placed out of service.	Status:	ANSWER PUBLISHED
		Posted:	1/25/2019 3:01:49 PM
Question:	24557: Can the overhead 13KV FPL powerlines that run parallel (and offset waterward) of the bulkhead be temporarily decommissioned in segments during sheet pile installation?	Posted:	1/24/2019 3:48:42 PM

Answer: The utility will not be de-energized. The contractor shall stay clear and remain a safe distance from the active overhead electric lines.

Status: ANSWER PUBLISHED

Posted: 1/25/2019 3:01:31 PM

Question: 24559: If the overhead 13KV FPL powerlines cannot be temporarily decommissioned can the bulkhead wall be shifted landward? Due to the soil conditions this project will require a mandrel and hammer to advance the sheets. The hammer that holds the mandrel will have to enter into the powerline zone of influence for over 1,000 LF of wall (reference areas including STA 50+00 through STA 52+00). In some locations the center of the bulkhead line is vertically tangent to or within the powerline zone of influence with very limited headroom.

Posted: 1/24/2019 3:50:42 PM

Answer: Every effort has been made to keep the sheet pile outside of the zone of influence. However, any special equipment or other means is the responsibility of the contractor and determined by the contractors means and methods to stay clear of the zone of influence. Slight adjustments to the horizontal position of the sheet piling at the eccentric concrete cap location may be allowed to assist in keeping equipment out of the zone of influence, as that is the purpose of the eccentric concrete cap. Also note that the contractor must excavate approximately 4ft below the proposed top of cap in order to place the eccentric concrete cap and rip rap; therefore, the sheet pile tip will start below the existing ground line, which adds to the available headroom.

Status: ANSWER PUBLISHED

Posted: 1/25/2019 3:01:01 PM

Question: 24560: Referencing Page 52 - There is a 5' wide temporary walking surface called out. What is this made of and does it extend the entire length of phase 1? Also what pay item should it be included under.

Posted: 1/24/2019 4:00:58 PM

Answer: The contractor is responsible for providing and maintaining an accessible travel path around work sites, in compliance with ADA requirements. The contractor may choose from materials meeting ADA requirements. No separate payment is made for Temporary Asphalt or other materials used for pedestrian path/facilities. Payment is included under 102-1 MOT, LS. The temporary pedestrian route extends from begging to end of the phase 1 work zone.

Status: ANSWER PUBLISHED

Posted: 1/25/2019 3:00:24 PM