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Ref No: 050/2023/PMID/SHUTDOWN/RFB

12 APRIL 2024

TENDER CLARIFICATION NO.1:- FOR APPOINTMENT OF CONTRACTOR SERVICES TO PROVIDE LHWP 2024 SHUTDOWN OUTAGE – INSPECTION AND REPAIRS OF DELIVERY TUNNEL NORTH (DTN) AND EROSION PROTECTION TO ASH RIVER - (6 MONTH SHUTDOWN)

Dear Tenderer,
TCTA acknowledges receipt of the Requests for Clarification listed below. The applicable response to each request for clarification is provided on the corresponding column of the same line-item row.
Regards,
Senior Manager: Supply Chain Management

NO.	REQUESTS FOR CLARIFICATION	TCTA RESPONSES
1	Please may we have an extension on	Refer to Addendum no.1
	the closing Date of 14 Calendar days	
	to enable the complex administration	
	requirements, Planning and	
	Discussions with Suppliers and sub- contractors. Additional and above	
	normal care and experience is	
	necessary. At the site Briefing it was	
	stated the scope is not defined	
	Additional Visits to site are envisaged.	
2	9.2.5.6 Excavation How far must the spoil be hauled?	Spoiled on site and spread. Grassing as per revegetation area. Soft only excavation
	Is there levelling of the Spoil and any	vegetation area. Soft only excavation
	grassing required?	
	Is the excavation in soft Only?	
3	9.2.5.2 to 9.2.5.4	The cubic meter rate must include haulage for material.
	Where must the Haul of the material	The areas are accessible so no new haul roads will be
	from Source to application point be priced? In which Item?	constructed. Weighbridge with agreed conversion factor.
	Are there Haul Roads available or will	
	there be Rates to price to make Haul	
	Roads?	
	How will the Quantities be measured?	
	Will it be in Truckloads or off a weighbridge with an agreed	
	weighbridge with an agreed conversion Factor?	
4	Provisional work for after Shut Down.	This provisional sum is for work identified after the start
	For the purpose of Programme and	of the shutdown following a walk though of the tunnel and
	P&G costs will this be after Shut Down	the Ash River has been done.
5	starts or after Shut down ends? Are there any Photographs available	Ash River Picture No 01 – 04
5	of river works downstream of Outfall of	Bulkhead Domes Picture No 05
	Stop logs, of Bulkhead Domes?	Ballationa Bellios Florato 110 00
6	10.3 Install Dihlabeng 700mm	Picture No. 06
	connection.	The Dihlabeng municipal water connection is connected
	Where to and what is the connection	to the output pipe of the Little Caledon dewatering shaft.
	joined to? Will it be a Flanged connection with a	The Contractor will be responsible to remove a small connection piece between the two pipes to allow for the
	Blank?	dewatering of the tunnel. On completion of all the work
		the Contractor will be required to insert the piece
		removed so as to allow the municipality to withdraw water
7	0.2.6 Stormwater Consis	during normal operation of the tunnel
7	9.2.6 Stormwater Canals There is 1500m3 excavation and	1500 m3 is excavation from riverbank to shape the river bank and 3000 m3 is cut to fill to create and shape the
	3000m3 of Berm.	berm. See Section C2 berm for location
	Please can you indicate where over	
	the 21km outfall river section this is?	
	and is the excavation just soft	
8	excavation and no shaping? 9.1.2	The use of chemical explosives is allowed however the
	If the boulders are very large can they	contractor must comply to explosives regulations as in
	be made smaller with Chemical	the OHSACT. Size can be reduced until it is small
	Explosives? and what is the size they	enough to move.
	can be reduced to?	[[] [] [] [] [] [] [] [] [] [
9	8.5 Cleaning of Algae and Debris Sum.	50m2 of algae needs cleaning and 2m3 of debris to be removed
	For Bidding Purposes please can we	Temoveu
	have something to Price on M2 of	
	Algae and m3 of Debris?	

NO.	REQUESTS FOR CLARIFICATION	TCTA RESPONSES
10	6.1.3 Please can you clarify what is a Shakuma wall and if alternatives are possible?	Alternatives are possible, see attached drawing for Shukuma walls. Commonwealth Commonwealt
11	6.1.4 Please can we have a shop Drawing of the Supply and install Gate or a Photo?	See attached drawing H371936-000-220-260-0001- 0001 Rev0
12	5.8 Camera required for internal inspection. Please indicate where we will get entry?	Caledon Dewatering Shaft - see drawing hw417-95 remove item number 8 top elbow. Little Caledon Dewatering Shaft – see drawing C38-1218 item number 9 top elbow.
13	5.8.2 Expose valves for Inspection. Does this mean strip Valve into its components? Please can we have Valve Manufacturers to see if they still have spares as many Rand Water Valves no longer have stock of spares.	No stripping the valve will be in step 2 which will only be done if required. OEM (AVK Group)
14	5.8.4 How are the sacrificial anodes attached to the Valve Blade?	bolted
15	5.8.7 To what pressure must the Valve be tested?	200KPA for 2 minutes
16	5.717 & 5.8.16 Inspect and report on 50mm Bonnet Gate Valves and piping Smith class 800. Payment is 1 Sum. How many Valves and how many metre of Piping?	See drawing hw417-95

NO.	REQUESTS FOR CLARIFICATION	TCTA RESPONSES
		2-800000ED DOWNET GOTE VALUES (50 NB)
		FLAT SEAT JUICULA (50 US)
		SECTION SECTION
		324 245 125
		ENLARGED DETAIL (1)
		THIS PIPING TO BE MADE UP TO SUIT ON SITE DURING PIPE 2000
	Please can you expedite the Excel format for BOQ so that we can start pricing.	An electronic or Excell format BOQ is not available for this project. Prospecting bidders are therefore expected to complete the BOQ as published and submit with the rest of the returnables before closing date and time.
	Please may we also get the Project Document in Word format again with no Risk or Obligation to client	Bid document in word format is available for this document. Bidders are to use the bid document as published on TCTA website as well as National Treasury e-tender portal.

2. The critical river reaches where riverbank erosion protection is required

Figure 2-1 shows the critical reaches A, B, C and D which were investigated in this study.

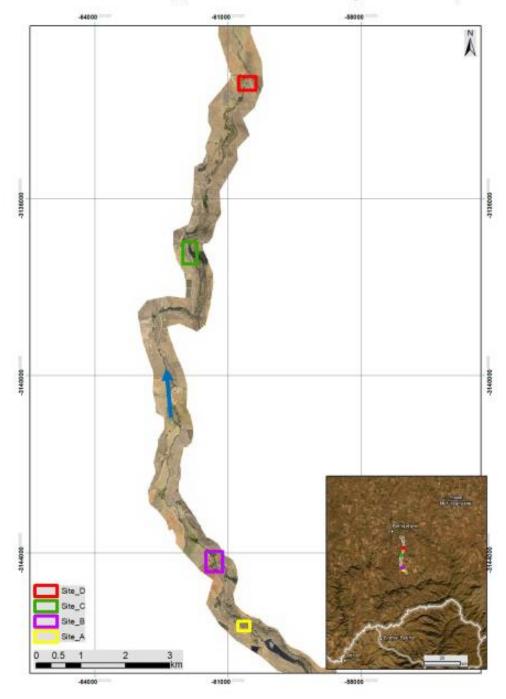


Figure 2-1: Critical river reaches investigated in this study

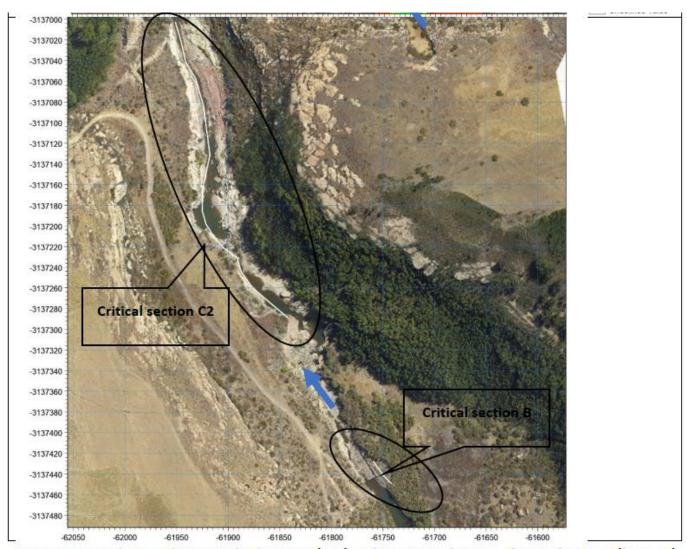


Figure 6-3: Reach C1 and C2 2019 bathymetry (top) and 2019 aerial image of critical section (bottom)



Ash River Picture No 01



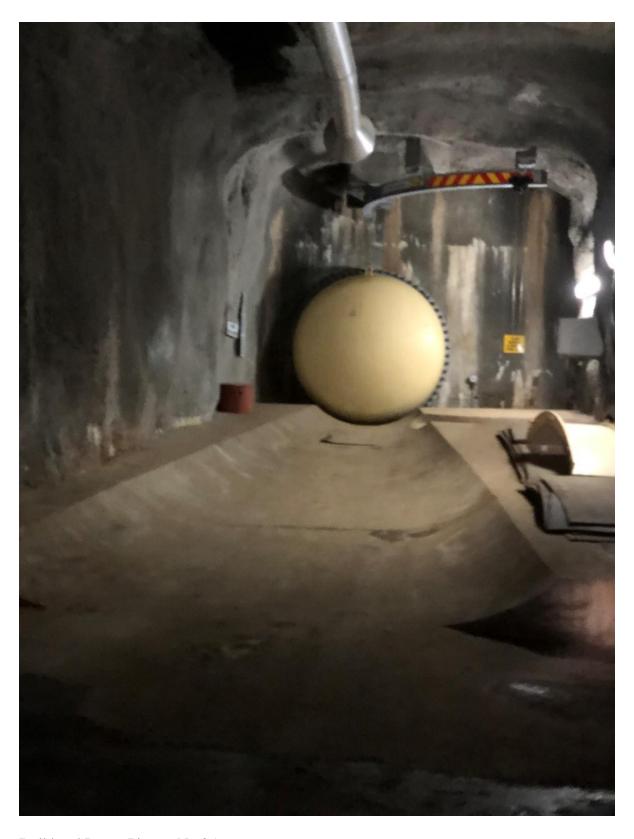
Ash River Picture No 02



Ash River Picture No 03



Ash River Picture No 04



Bulkhead Dome Picture No 05



Dihlabeng municipal water connection to be removed and reinstated Picture No 06

