



**EXPANDED PUBLIC WORKS PROGRAMME
CONTRIBUTING TO A NATION AT WORK**

QUESTIONS AND ANSWERS

APPOINTMENT OF CONTRACTOR FOR MUTALE RAW AND PORTABLE WATER SYSTEM UPGRADE

Questions and Answers for the following tenders:

- VDM/TECH/25/07/2024/01 – C1
- VDM/TECH/25/07/2024/02 – C2
- VDM/TECH/25/07/2024/03 – C3
- VDM/TECH/25/07/2024/04 – C4
- VDM/TECH/25/07/2024/05 – C5

COMPLULASORY - BRIEFING MEETING: QUESTIONS AND RESPONSES				
No.	Question	Applicable Tender	Category	Response
1	What reinforcement is used on existing concrete	C4	Technical	Unknown
2	Is blasting allowed	All	Technical	No. Alternative methods are to be used

EMAILED (Selected to Avoid Repetition): QUESTIONS AND RESPONSES				
No.	Question	Applicable Tender	Category	Response
1	Can we please have excel BOQs	All	SCM	BoQs are uploaded to VDM website and eTender Portal
2	Good day, please can you assist us with drawings for the above project. We need this to send to split and send to suppliers for pricing.	All	Technical	A drawing list is provided in the VDM website and eTender Portal
3	<p>Could we kindly please be provided with the following drawings:</p> <ol style="list-style-type: none"> 1. Dwg. No. 159-GL-104 RevA 2. Dwg. No. 159-GL-106 Rev A 3. Dwg. No. 159-C3-PL-216 RevA 4. drawing no. 159-GL-103 Rev A (Provisional) 5. drawing no. 159-GL-102 Rev A (Provisional) 	C3	Technical	<p>Drawings have been replaced, all relevant chamber drawings are provided for in the shared link.</p> <p>Refer to dwgs: 159-C3-PL-312-A to 159-C3-PL-316-A</p>
4	Please confirm the value of the provisional sum below for the item below. The rate column has a value of R850 000 but the amount column is R350 000.	C3	Technical	The correct amount is R350,000.00
5	Can you kindly please confirm what to price for the item below: is it just the DN300 steel pipe, that is 5m long? (see appendix 1)	C3	Technical	Price for all items as described in the BoQ. i.e. DN300 steel pipe, reducers, Tees and valves.
6	<ol style="list-style-type: none"> 1. Kindly advise on the Liner thickness and Type we should quote on as the BoQ indicate 2.0mm Smooth and the drawings indicate 1.5mm Smooth and 1.5mm Single Textured? 2. Kindly advise if there is any further Specifications on the HDPE Material or the Geocells? As the tender document received are silent in this regard? 3. Also just a reminder to send us the Exchange rates as received from the 	C4	Technical	<ol style="list-style-type: none"> 1. The slopes and floor require double textured 2mm HDPE liner. The drawing will be revised at construction stage. 2. For this section SANS 1526 and SANS 10409 are applicable. An addendum with the particular specification will be issued. 3. Client / Engineer will not send the Exchange Rates. Instruction on applicable exchange rate is provided in T.2.2 of the tender document.

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	<p>client/Engineer – 7 days prior to tender submission date.</p> <p>4. The drawing also indicated 1.5mm Smooth on the floor and 1.5mm Double textured on the slopes/walls. Can you perhaps give a breakdown for the quantities on the floor and on the slopes?</p>			<p>4. Refer to response No. 1</p>
7	<p>1. Can we confirm that these rocks are loose and will not require blasting.</p> <p>2. Can we get a specification for the items below (8.0002-8.004)? We need to understand your requirements in order to price accurately. (See appendix 2).</p> <p>3. Please provide us with the following specs mentioned in the BoQ, PSAB4.1 and PSAB4.2. Please also confirm if Item (d) is supposed to be 12 months. (See Appendix 3).</p>	C4	Technical	<p>1. This will be confirmed on site once the contractor starts excavation. No Blasting will be permitted</p> <p>2. Addendum will be issued with a Particular specification for Embankment forming. Gravel capping material shall have:</p> <ul style="list-style-type: none"> a) A minimum CBR of 45% at 95% of modified AASHTO maximum density; b) A maximum CBR swell of 0,5% at 100% of modified AASHTO maximum density; c) A plasticity index of not less than 6 and not more than 12; d) A maximum particle size of 50 mm; and e) Between 30% and 40% of the material shall be retained on a 13.2 mm sieve. <p>3. This Section deals with the requirements for dealing with water including the collection, treatment and discharge of water within and from the Works arising from all natural and artificial (man-made) sources. It will be issued as an Addendum with a Particular Specification. Also (d) indicates 12 months</p> <p>PSAB 4.1 OFFICE BUILDINGS (Clause 3.2)</p> <p>The Contractor shall supply and furnish an on-site office of at least 16 m² for the use of the Engineer or his representative. Included in this item the Contractor must allow for the cost of providing electricity, acceptable lighting and air conditioning.</p> <p>The internal furnishings of the office shall include:</p>

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	<p>4. Please confirm if the depth of the joint below (20,016) is 1200mm deep. Also please assist with the detail that is referred to on this bill item. (See Annexure 4).</p> <p>5. Please assist us with the detail of the construction joint referred to in the item below (see appendix 5)</p> <p>6. Please assist us with a drawing of the precast baffles (see appendix 6)</p>			<p>a) One trestle table, 2 m long x 1 m wide x 0,9 m high with a smooth top b) One desk having a top size of at least 1,5 m x 0,9 m c) One high chair d) Two chairs e) A lockable steel filing cabinet with four drawers f) An A0 drawing cabinet</p> <p>The Contractor will be responsible for the security of the office.</p> <p>PSAB4.2 <u>Cell phone</u></p> <p>A provisional sum shall be included for providing communication systems.</p> <p>Payment for expenditure under this item will be made in accordance with the money expended, subject to written proof by the Contractor of payment of the amounts.</p> <p>4. Separate items will be scheduled for contraction and expansion joints of different types and sizes and involving different types, sizes, and qualities of water bars, soft board, sealers, etc.</p> <p>The unit rate shall cover the cost of all materials and labour for the construction of each joint as specified or shown on the Drawings, including the cost of formwork, testing, and making good.</p> <p>5. Refer to response to No.4 above</p> <p>6. Refer to structure drawings and notes</p> <p>7. Refer to details on Inlet and overflow drawings</p> <p>8. Refer to Drawing 159-C4-SC-460</p>

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	<p>7. Please state the length of the pipe and the class (see appendix 7)</p> <p>8. Please provide us with the drawing as per the bill extract below (see appendix 8):</p> <p>9. Please provide us with the drawing of the bill extract below. Please also state the sizes of the warning size, including the material that they are made of. (see appendix 9)</p>			<p>9. Life buoys are standard safety devises associated with water bodies. Please engage supplied for relevant details, and associated signs. This item is similar to fire equipment and signage</p>
8	Kindly confirm correct address for submitting of tender. There are 2 different addresses in the document.	C4 (Also applicable to all)	SCM	Bid responses may be deposited in the bid box situated at (Vhembe District Municipality, next to Khoroni Hotel (Former Vhenda Tusk Hotel).
9	Please confirm if tender submissions must include the uploaded drawings	All	SCM / Technical	Tender drawings will be attached to the winning tender document after award by the Employer

Appendix 1:

2,14	SABS 1200L	LI	Supply, deliver, install, testing and testing. (refer to...)			850 000,00	R350 000
			<p>MISCELLANEOUS</p> <p>CROSS CONNECTION</p> <p>a) Provide an emergency cross connection between "New" DN630 and the existing DN400 PVC pipes using a DN300 steel pipe PN16, girth 5 000mm long. The cross connection shall connect to a DN630 x 300 reducing Tee on the new pipeline and a DN300 x 300, 500mm long "all sides" equal Tee with two (2) x DN400 x 300mm reducers, including a DN300 PN16 gate valve and DN300 PN16 non-return valve</p> <p>Complete Assembly</p>				
TOTAL BILL CARRIED FORWARD TO SUMMARY							

Appendix 2:

		DEALING WITH WATER				
	8.001	Dealing with water	Sum	1		
	8.002	Treatment of water	Sum	1		
	8.003	Water monitoring	Sum	1		
	8.004	Sampling equipment and reagents for the Engineer	Sum	1		

Appendix 3:

1.1.2	8.3.2	Establish facilities on site				
1.1.2.1	8.3.2.1	i) <u>Facilities for Engineer</u>				
		a) Name Boards (3 no) Supply & erect three name boards as per Dwg	no	2		
		b) Furnished Office (PSAB4.1)	sum	1		
		d) Survey assistant and equipment	sum	1		
		d) Cellular phones and data (PSAB4.2)	month	12		

Appendix 4:

		Joints				
	20,016	10mm wide x 1200mm deep with joint filler and sealant at overflow	m	80		
	20,016	10mm wide x 250mm deep with joint filler and sealant at inlet per detail	m	181		

Appendix 5:

	20,016	Construction joint per Dwg (no water stop) in side overflows	m	35		
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Appendix 6:

		<u>Manufacture (or supply) and erect precast elements</u>				
	20,017	Precast baffles per drawing	No			

Appendix 7:

		<u>Items Cast or Built Into Concrete</u>				
	33.005	Steel pipe diameter 600mm	No	1		

Appendix 8:

	20.021(c)	4mm thick diluted bitumen emulsion applied to Geocell sandwich per drawing	m2	10 000		
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Appendix 9:

		<u>Safety Items</u>				
	17,009	Dwg. Detail	No.	4		
	17.010	Safety ropes and buoys	No.	4		
		Warning signs	No.	4		