

REF NO: 054/2024/PMID/MCWAP2/RFB NOTICE 38

24 MAY 2024

***ABSTRACTION WORKS, PUMPING STATIONS, RESERVOIRS, PIPELINE, RELATED
MULTIDISCIPLINE WORKS, ANCILLARY WORKS***

Dear Bidder,

TCTA acknowledges receipt of the requests for clarification listed in the attached table. The response to each request for clarification is provided in the attached table.

Yours faithfully

Azwi Nelwamondo

Senior Manager: Procurement

NO	REQUESTS FOR CLARIFICATION	TCTA RESPONSES						
1	The Excel BOQ can't be edited since it is password protected and please send us an editable Excel BOQ for pricing and final submission.	An Unprotected Version will be issued to the Bidders						
2	<p>The BOQ talks of a coffer dam that is referred to in the BOQ. The drawing 2B-C3-002 has been omitted from the drawings provided. Please provide us with drawing 2B-C3-002 and the location of the coffer dam.</p> <table border="1" data-bbox="203 539 1361 691"> <tr> <td data-bbox="203 539 344 691">2.B1.2.2.20</td> <td data-bbox="344 539 398 691">B1</td> <td data-bbox="398 539 499 691">17.005</td> <td data-bbox="499 539 1108 691">Supply and install 1,0mm HDPE liner on outer side of coffer dam as per drawing No. 2B-C3-002, including tucking in of liner to the underside of sand bags on every 5th layer</td> <td data-bbox="1108 539 1227 691">m2</td> <td data-bbox="1227 539 1361 691">5 750</td> </tr> </table>	2.B1.2.2.20	B1	17.005	Supply and install 1,0mm HDPE liner on outer side of coffer dam as per drawing No. 2B-C3-002, including tucking in of liner to the underside of sand bags on every 5th layer	m2	5 750	<p>This drawing will not be issued. More details are provided in the Tender Documents, Volume 3, C4.3 Technical Memoranda, Document 2B-M-111G-14 Vlieepoort Weir-River Diversion Strategy (Rev B).pdf. Figure 1 provides a sectional view of the proposed coffer dam, while Figure 2 provides a plan of the Temporary River Diversion Works and the Cofferdam.</p> <p>The coffer dam forms part of the Contractors Temporary Works. However, the Engineer has made allowance for the temporary works based upon the Engineers Strategic approach as described in the Technical Memorandum referred to above.</p>
2.B1.2.2.20	B1	17.005	Supply and install 1,0mm HDPE liner on outer side of coffer dam as per drawing No. 2B-C3-002, including tucking in of liner to the underside of sand bags on every 5th layer	m2	5 750			
3	<p>With regards to the link planner *.pdf report that was shared. Unfortunately, this doesn't include all the information required.</p> <p>From the above-mentioned report, we see that the PTP820C radios have been used. These are nearing their end of life and are being replaced by PTP850C. However, the PTP850C units haven't received ICASA Approval as yet. There are also some very long links in the report, 50km, 60km, 70km. We would like to redo the design and fully understand the implications.</p> <p>Please could we request the actual link planner file *.lpp type document. Failing which please could we request the following information:</p> <ol style="list-style-type: none"> 1. Coordinates of each site 2. Antenna Mounting Heights 3. Available Power at each site 	<p>The design for the Secondary network - wireless microwave falls under the FIDIC Yellow Book – Plant & Design Build</p> <p>The responsibility for the design and build ultimately falls on the Contractor.</p> <p>The Link Planner Profiles report, issued by GBNJV was issued to be used by the Contractor as a guide only. It shows the topography of the areas between the sites as well as other pertinent information.</p> <p>GBNJV is aware that the PTP820C radios have been retired by Cambium Networks, These Link Planner Profiles were done in 2019. The selection of these specific PTP820C radios were completely arbitrary, and only for the purpose</p>						

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	4. Full duplex data throughput requirement	<p>of doing the Link Planner Profiles between the MCWAP-2 sites.</p> <p>The Contractor may propose alternate equipment and/or solutions, if they conform to the technical requirements of the Technical Schedules which were issued as part of the tender. GBNJV will review all submissions.</p> <p>All mast tower positions selected in the Link Planner report were situated within the servitude or corridor of the pipeline. Any mast tower placed outside of the servitude or corridor would have required an EIA as they all exceeded 15m in height.</p> <p>The Contractor remains ultimately responsible for the overall design of the MCWAP-2 secondary wireless microwave network.</p> <ol style="list-style-type: none"> 1. Coordinates of each site – GBNJV has included the installer report which has the coordinates as requested. The Contractor may use the provided coordinates or select their own coordinates, as the Contractor remains responsible for the design. 2. Antenna Mounting Heights - GBNJV has included the installer report which has the Antenna Mounting Heights as requested. The Contractor may use the provided heights or select their own heights, as the Contractor remains responsible for the design. 3. All the repeater sites between the LLPS up until the BL should be included under the electrical design. <p>All 3rd party repeater sites from EZ communications should have power already.</p>

NO	REQUESTS FOR CLARIFICATION	TCTA RESPONSES
		<p>Off-take A, B & C should also fall under the electrical design.</p> <p>Zeeland WTW is also an existing site with power.</p> <p>The Contractor may however want to change the positions of these towers, increase the number of towers, change the radio path, etc, so the electrical requirements need to be addressed as part of the Contractors detailed design.</p> <p>Refer to the attached spreadsheet, "MCWAP2_Radio_Path_Profile_Network_Sites_TB.xlsx, Columns J" related to the Power Supply Status at the various sites.</p> <p>4. Full duplex data throughput requirement – Refer to the issued Technical Schedules and Tender Specifications: C3140 – Control and Instrumentation General & C3141 – Control and Instrumentation Plant & Installation</p>
4	<p>can you please provide the 3D model for the P24.002. TCTA PS - Reserve - Pipelines Mokolo West MCWAP2A tender. We will use the model for planning and coordination purposes.</p> <p>The following formats of the 3D model will be acceptable:</p> <ol style="list-style-type: none"> 1. NWD 2. DWG 3. RVT 4. IFC 	<p>None of the pipeline drawings were rendered using 3D models.</p>