



**DEPARTMENT OF WATER AND SANITATION
REPUBLIC OF SOUTH AFRICA**

DUE AT 11:00 ON

(13 May 2025)

WTE022CE

**RENDERING OF BATHYMETRY SURVEY SERVICES OF CICIRA RIVER, MTHATHA RIVER AND
BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE**

SUBMIT COMPLETED BID DOCUMENTS TO:

TO BE DEPOSITED IN:

The bid box at the entrance of
Mthatha Dam Office Building
Department of Water and Sanitation
MTHATHA DAM
5100

BIDDER: (Company address and stamp)

COMPILED BY: CONSTRUCTION EAST

DEPARTMENT OF WATER AND SANITATION

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**RENDERING OF BATHYMETRY SURVEY SERVICES OF CICIRA RIVER, MTHATHA RIVER AND
BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE**

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INVITATION TO BID (SBD 1)

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PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	WTE022CE	CLOSING DATE:	13 May 2025	CLOSING TIME:	11:00
DESCRIPTION	RENDERING OF BATHYMETRY SURVEY SERVICES OF CICIRA, MTHATHA RIVER AND BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
<p>TO BE DEPOSITED IN: The bid box at the entrance of Mthatha Dam Office Building Department of Water and Sanitation Mthatha Dam 5100</p>					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Marianne Neethling		CONTACT PERSON	Mr: SP Ngema	
TELEPHONE NUMBER	017 720 1606		TELEPHONE NUMBER	060 980 5892	
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER	N/A	
E-MAIL ADDRESS	NeethlingM@dws.gov.za		E-MAIL ADDRESS	NgemaS2@dws.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
<p>1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</p> <p>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p> <p>1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</p>
2. TAX COMPLIANCE REQUIREMENTS
<p>2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.</p> <p>2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.</p> <p>2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.</p> <p>2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.</p> <p>2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p> <p>2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."</p>

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:

DEPARTMENT OF WATER AND SANITATION

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5. General conditions of contract

DEPARTMENT OF WATER AND SANITATION

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**RENDERING OF BATHYMETRY SURVEY SERVICES OF CICIRA RIVER, MTHATHA RIVER AND
BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE**

1. **INSTRUCTIONS TO BIDDERS**

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8. Telegraphic bids
9. The Department's right to decline any bid
10. Department is not liable for bidder's expenses
11. Payments made under this contract
12. Evaluation Criteria
13. Rejection of bids
14. Results of bids

INSTRUCTIONS TO BIDDERS

1. ISSUING OF DOCUMENTS

- (a)
 1. A complete set of bid documents is issued to a list of prospective Bidders, sourced from National Treasury's Central Supplier Database.
 2. Bid documents for bids advertised on CIDB will be made available on written request via E-mail.
 3. A complete set of bid documents can be downloaded from E-Portal for the bids advertised on E-Portal
- (b) Bidders must satisfy themselves that the document is complete and conform to the index of this document. Should any figures or writing be indistinct or should any pages be missing from this document or should this document or the drawing(s) contain any obvious errors, the Bidders must immediately notify the Department in order to have any discrepancy rectified or clarified before submitting his bid. Such clarification will be valid only if made by the Department by means of formal amendment as described hereunder prior to the date of submission of bids. The Department may issue amendments to clarify or modify the Bid Documents. A copy of each amendment will be issued to each bidder and shall be acknowledged on the form issued with the amendments. No claim whatsoever will be entertained for faults in the bid price resulting from the above-mentioned discrepancies.
- (c) No alterations, omissions or additions shall be made to this document, but should it be deemed necessary to do so, the Bidder is at liberty to qualify his bid.
- (d) All Bidders shall be deemed to have waived, renounced and abandoned any conditions printed or written upon any stationery used by them for the purpose of or in connection with the submission of bids which are in conflict with the conditions laid down in this document.

2. QUERIES WITH RESPECT TO THIS BID

Queries of a specific administration nature should be directed to Marianne Neethling, in writing to: CrPO of SCM Office, Department of Water and Sanitation at NeethlingM@dws.gov.za or telephonically on 017 720 1606

Queries of a specific technical nature should be directed to in writing to: SP Ngema, NgemaS2@dws.gov.za, tel: 060 980 5892

3. COMPLETION OF BIDS

- (a) The bid must be signed on the Invitation to Bid form (SBD 1) annexed hereto with all blanks in the bid and the appendix filled in.
- (b) All spaces in the bid forms and other annexures shall be completed in full.
- (c) **Section 3 in the bid document and the Pricing Schedule must be fully completed and priced out by the bidder.**
- (d) The bid documents shall not be separated in any way nor must any pages be detached from the original documents.

4. SUBMISSION OF BIDS

The Bid Document shall be completed, signed and submitted as follows:

- (a) The original Bid, together with a covering letter and supporting documents, shall be sealed in an envelope endorsed:

"Original Bid:

and the name of the Bidder shall be clearly shown.

- (b) Bids sealed and endorsed as above, will be deposited in the bid box at the entrance of the Department Water and Sanitation: Construction East Office Building, Grootdraai Dam, Standerton and not later than 11:00 on the date stipulated on the front cover of this document.

5. SIGNATURE ON BIDS

The Bid, if by an individual, must be signed by that individual or by someone on his behalf duly authorised thereto and proof of such authority must be produced. If the bid is by a Company it must be signed by a person duly authorised thereto by a Resolution of a Board of Directors a copy of which Resolution, duly certified by the Chairman of the Company is to be submitted with the bid.

If the bid is submitted by joint venture of more than one person and/or Companies and/or firms it shall be accompanied by the following:

- (a) The original or a notarially certified copy of the original document under which such joint venture was constituted which must define precisely inter alia the conditions under which the joint venture will function, its period of duration and the participation of the several constituent persons and/or companies and/or firms.
- (b) A certificate signed by or on behalf of each participating person and/or company and/or firm authorising the person who signed the bid to do so.

6. GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract (National Treasury 2010), as attached shall be regarded as an integral part of the contract documents.

7. BIDDERS TO COMPLY WITH DOCUMENTS

Where applicable, Bidders must allow in their Bids for all labour, material, machinery and everything necessary for the execution and completion of the Contract in accordance with the bid documents. No alterations may be made in the Invitation to Bid, Schedule of Quantities or other documents and the bid will be deemed to comply entirely with the terms of the documents.

8. TELEGRAPHIC BIDS

No bid forwarded by telegram, telex, facsimile will be considered.

9. THE DEPARTMENTS RIGHT TO DECLINE ANY BID

The Department does not bind itself to accept the lowest or any bid.

10. DEPARTMENT NOT LIABLE FOR BIDDER'S EXPENSES

The Department will not be held liable for any expenses incurred in preparing and submitting bids.

11. PAYMENTS UNDER THE CONTRACT

All payments due to the Bidder in terms of the contract will be done by means of Electronic Fund Transfer. Bid price must be firm.

12. EVALUATION CRITERIA

Bids will be evaluated in accordance with the new Preferential Procurement Regulations, 2022, using 80/20 preference points system as prescribed in the Preferential Procurement Policy Framework Act (PPPFA, Act 5 of 2000). The lowest acceptable bid in terms of value will score 80 points for price and a maximum of 20 points will be awarded for attaining the Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution.

Bid proposals will be evaluated based on the 80/20 preference points where a maximum of 80 points will be awarded in respect of price and a maximum of 20 points will be awarded for goals.

The evaluation of bids will be conducted in four (4) phases as follows:

- **Phase 1: Mandatory Requirements**
- **Phase 2: Administrative Compliance**
- **Phase 3: Technical Evaluation and Specification Compliance**
- **Phase 4: Preference Points system Phase 5: Preference Points system**

Phase 1:

Mandatory Requirements

Failure to complete and sign the documents listed in table below will render your bid non-responsive and will be disqualified.

Table 1

No	Criteria	Yes	No
1.	Provide proof of registration with South African Geomatics Council (SAGC) by one of the Directors or company member / Registration under Professional Land Surveyors		
2.	Complete, sign, submit SBD1, SBD3.1, SBD 4, SBD 6.1		

Phase 2:

Administrative Compliance

Bidders are required to comply with the following listed below:

Table 2

Bidders are required to complete Table 2 Below

No	Criteria	Yes	No
1.	Companies must be registered with National Treasury's Central Supplier Database.		
2.	Tax compliant with SARS (to be verified through CSD and SARS). Attach a copy of Tax Clearance certificate or PIN.		
3.	Active registration with Company Intellectual Property Commission (to be verified through CSD and CIPC).		
4.	An original or Certified copy of B-BBEE Status Level Verification Certificate /Sworn affidavit. Attach copy.		
5.	Sign and submit Section 2 Price Quotation data (Specification).		

Phase 3:

Technical Evaluation and Specification Compliance

Compliance requirements:

- Indicate by marking the relevant column, if you mark on both columns, it will be considered as non-compliance. A bidder who fails to comply with the specification requirements as described in section 2 of this document will be disqualified and not considered for further evaluation.

Table 3

Item No:	Item	Description	Comply	Not Comply
1.	Bathymetry survey of Cicira River	15-20m intervals on bends, 50m intervals on straight sections. Perpendicular cross-sections must include water elevations, river bed geometry, extend 15m either side of river channel, centreline of the river section		
2.	Bathymetry of Survey of Mthatha River	15-20m intervals on bends, 50m intervals on straight sections. Perpendicular cross-sections must include water elevations, riverbed geometry, extend 15m either side of river channel, centreline of the river section		
3.	Survey of 5 Bridges	Perpendicular cross-section 5m upstream, 5m down stream, the inlet and outlet of the bridge, details of bridge deck		
4.	Survey of T2H008 and T2H010 Gauging weir section	Perpendicular cross-section 5m upstream, 5m down stream, the inlet and outlet of the structure, details of the crest and divider walls		
5.	Survey of Dam outlet exiting spillway channel	Extend 200m in all directions from the directions of outlet merging with the river		
6.	Detailed Output Reports	Detailed outputs reports must be submitted to the Department when the survey is complete		

Phase 4 :

Preference Points system

The bid will be awarded in terms of Regulation 4: Preferential Procurement Regulations, 2022 pertaining to the Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000).

Bid proposals will be evaluated based on the 80/20 preference points where a maximum of 80 points will be awarded in respect of price and a maximum of 20 points will be awarded for goals.

Points claimed will be according to a bidder's specific goals claimed as indicated in Table 4 below.

Table 4: Specific goals for the tender and points allocation are indicated as per the table below:

In terms of Regulation 4(2); 5(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this bid the bidder will be allocated points based on the bidder's goals claimed as per table 4. Bidder's goal claimed must be supported by proof/ documentation stated as per table 5 and the special conditions of this bid where applicable:

Table 4

The specific goals allocated points in terms of this tender	Number of maximum points allocated (80/20 system)	Bidder's points claimed for specific goals (To be completed by Bidder)
Women Ownership	5	
Disability Ownership	5	
Youth Ownership	5	
Location of enterprise (local equals province) Eastern Cape Province	2	
B-BBEE status level contribution from level 1 to 2 which are QSE or EME	3	
TOTAL SCORED POINTS	20	

Specific goals” means specific goals as contemplated in section 2(1)(d) of the PPPFA Act which may include contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender and disability including the implementation of programmes of the Reconstruction of Development Programme as published in *Government Gazette* No. 16085 date 23 November 1994.

“Ownership” means the percentage ownership and control, exercised by individuals within an enterprise.

"Disability" means, in respect of a person, a permanent impairment of a physical, intellectual, or sensory function, which results in restricted, or lack of, ability to perform an activity in the manner, or within the range, considered normal for a human being.

- i. A blind person (in terms of the Blind Persons Act, 1968 (Act no.26 of 1968);
- ii. A deaf person, whose hearing is impaired to such an extent that he/she cannot use it as a primary means of communication;
- iii. A person who, as a result of permanent disability, requires a wheelchair, caliper or crutch to assist him/her to move from one place or another;
- iv. A person who requires an artificial limb; or
- v. A person who suffers from a mental illness (in terms of the Mental Health Act, 1973 (Act no. 18 of 1973).

"Youth" means, in respect of a person younger than 35 years of age.

"Location of enterprise" Local equals province. Where a project cuts across more than one province, the bidder may be located in any of the relevant provinces to claim and be allocated the points.

Women, disability, and youth will be measured by calculating the pro-rata percentage of ownership of the bidding company which meets the criterion. E.g., Company A has five shareholders each of whom own 20% of the company. Three of the five shareholders meet the criterion, i.e., they are women/disability/youth. Therefore, this bidder will obtain 60% of the points allowable for this goal.

Table 5: Documents required for verification of Bidder's claimed points

Documents/ information listed on the below table 5 must be submitted to support and verify points claimed as per table 4 above.

Table 5

Specific Goal	Requires Proof Documents
Women Ownership	Full CSD Report
Disability Ownership	Full CSD Report
Youth Ownership	Full CSD Report
Location of enterprise	Full CSD Report
B-BBEE status level contribution from level 1 to 2 which are QSE or EME	Valid B-BBEE certificate/sworn affidavit Consolidated B-BBEE certificate in cases of Joint Ventures (JV) Full CSD Report for each bidder who formed a (JV)

Failure on the part of a bidder to submit proof of documentation required in terms of this tender to claim for specific goals with the bid, will be interpreted to mean that preference points for specific goals are not claimed and will not be allocated.

13. REJECTION OF BID

Bids not complying with the above-mentioned requirements and specifications may be regarded as incomplete and may not be considered.

14. RESULTS OF BIDS

Results of non-acceptance of bids will be sent to individual unsuccessful bidders in due course

DEPARTMENT OF WATER AND SANITATION

INSTRUCTIONS TO BIDDERS: PURCHASES

1. The standard bidding forms should not be retyped or redrafted.
2. Should standard bid forms not be filled in by means of mechanical devices, for example typewriters, black ink must be used to fill in bids.
3. Bidders shall check the numbers of the pages and satisfy themselves that none are missing or duplicated. No liability shall be accepted in regard to claims arising from the fact that pages are missing or duplicated.
4. The specifications form an integral part of the bid document and bidders shall indicate in the space provided whether the items offered are to specification or not.
5. In respect of the paragraphs where the items offered are strictly to specification, bidders shall insert the words "as specified".
6. In cases where the items are not to specification, the deviations from the specifications shall be indicated.
7. The bid prices shall be given in the units shown and must be firm.
8. With the exception of basic prices, where required, all prices shall be quoted in South African currency.
9. Delivery basis:
 - (a) Supplies which are held in stock or are in transit or on order from South African manufacturers at the date of bid, shall be offered on a basis of delivery into consignee's store or on his site within the free delivery area of the bidder's centre, or carriage paid consignee's station if the goods are required elsewhere.
 - (b) Notwithstanding the provisions of paragraph 9(a), bid prices for supplies in respect of which installation/erection/assembly is a requirement, shall include ALL costs on a basis of delivered on site as specified.
10. Unless specifically provided for in the bid document, no bids transmitted by telegram, telex, facsimile, or similar apparatus shall be considered.
11. Bids received after the closing date and time are late and will as a rule not be accepted for consideration.
12. Bids will be opened in public, that is, bidders or their representatives may be present. If requested by any bidder, the names of bidders and if practical the total amount of each bid, will be read aloud.
13. The period for which offers are to remain valid and binding is indicated in the bid documents and is calculated from the closing date on the understanding that offers are to remain in force and binding until the close of business on the last day of the period calculated and if this day falls on a Saturday, Sunday or public holiday, the bid is to remain valid and binding until the close of business on the following working day.
14. These conditions (ANNEXURE 7) form part of the bid and failure to comply therewith may invalidate a bid.
15. Bidders are requested to promote local content optimally. Bidders who use locally manufactured components, products, equipment and systems, must complete the Departmental Declaration for Annexure C (Local Production and Content)
16. After public opening of bids, information relating to the examination, clarification and evaluation of bids and recommendations concerning awards will not be disclosed to bidders or other persons not officially concerned with the process, until the successful bidder is notified of the award. The bid documentation of bidders is considered to be confidential and will under no circumstances be made available to other bidders or other persons.

17. The financial standing of bidders and their ability to manufacture or to supply goods or to render a service may be examined before their bids are considered for acceptance.
18. The Department may, where a bid relates to more than one item, accept such bid in respect of any specific item or items and also accept part of the specified quantity of any specific item or items.
19. The Department is not obliged to accept any bid. The evaluation of a bid will be done in accordance with the Preferential Procurement Policy Framework Act, 2000 (Act no. 5 of 2000) and its regulations.
20. After approval of the bid, both parties must sign a written contract.
21. Failure of the successful bidder to sign the Contract Form in ink may result in the invalidation of their bid.

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SECTION 2: PRICE QUOTATION DATA

CONTENTS

1. STIPULATIONS

STIPULATIONS

1.	SERVICE
	RENDERING OF BATHYMETRY SURVEY SERVICES OF ON CICIRA RIVER, MTHATHA RIVER AND BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE
	All as more fully specified in hereunder. Note: The Department reserves the right to purchase only quantities that would be Required on site
2.	SITE
2.1.	Temporary Bypass Siphon project at Mthatha Dam in the Eastern Cape Province
3.	STANDARDS, SPECIFICATIONS AND DEFINITIONS APPLICABLE
3.1	<p>Details of the contract</p> <ul style="list-style-type: none"> • A bathymetry survey should be conducted on the following areas <ol style="list-style-type: none"> 1. Cicira River 2. Five Bridges 3. Two gauging weirs (T2H008 and T2H010) 4. Mthatha River 5. Dam outlet existing spill way channel
3.2	<p>Field Work (On Site and Off Site)</p> <ul style="list-style-type: none"> • The survey must be conducted by a registered surveyor • Fix and verify permanent benchmarks (10mm XYZ Accuracy) • The detailed bathymetry survey should be provided to the Department • The bidder is required to produce reports, calculations and diagrams to the Department • Cicira River should extend 3km in the Mthatha River at T2H008 gauging station, • The date and time of the survey of each specific cross-section should be provided to the Departmental design team • The edge water elevations should also be surveyed at each cross section • The cross sections should be perpendicular to the river at each respective location • The cross section should be taken through the water giving a detailed indication of riverbed geometry • The cross section should extend as far as above the water level as possible depending on access • Photos should be taken from the left and right bank with an object of known height (such as a person or survey staff) as a reference showing cross section number on a board or paper • Photos should also be taken at each cross section looking downstream from the left and right banks • The detailed contours of the dam outlet are to extend 200m in all directions from the outlet merging with the river • The detailed surveys of 5 bridges should include a section 5m upstream, 5m downstream, the inlet of the bridge, the outlet of the bridge, details of the bridge deck and piers number and dimensions • The detailed survey of the two weir gauging stations T2H008 and T2H010 should include a section 5m upstream, 5m downstream, the inlet of the structure, outlet of the structure, details of the crests and divider walls with dimensions, and • The centerline of the river section should be surveyed • Establishment and De-establishment is the responsibility of the bidder • Health and safety compliance to departmental standards • Environmental compliance to departmental standards

3.3

Detailed outputs reports must be submitted to the Department when the survey is complete

Type of Report:

A comprehensive survey report should be provided. This report should include:

- A description of the survey methodology used.
- Cross-section profiles of the river and bridge areas surveyed.
- Water edge elevations and riverbed geometry for each cross-section.
- Photo documentation as outlined (left and right bank views, downstream views, with object reference and section numbers).
- Any anomalies or features observed during the survey.

Contour Survey:

A contour survey (in addition to the cross-sections requested) is required for specific areas:

- Dam outlet area:
 - Detailed contours extending 200 m in all directions from the outlet, merging with the river.
 - Contours should provide a clear indication of the terrain around the outlet and riverbed.
- The bridge areas should also include a contour survey. This survey should cover:
 - A section 5 m upstream and 5 m downstream of each bridge.
 - The inlet and outlet areas of the bridge.
 - Ensure that contours capture the terrain and features around the bridge, including the riverbed and surrounding banks covering a 20 m radius.
- The gauging station (T2H008) also requires a contour survey. This should include:
 - Contours for the area surrounding the gauging station, covering a 20 m radius.
 - A section 5 m upstream and 5 m downstream of the gauging station.
 - Ensure that the contours capture any significant features around the inlet, outlet, crests, and divider walls.

Data in a Specified Spreadsheet:

The service provider should provide the data in a structured spreadsheet format, which should include:

- Cross-section coordinates (X, Y, Z values).
- Date and time of each survey cross-section.
- Water edge elevations and riverbed depths for each cross-section.
- Any additional measurements, such as bridge dimensions and gauging station details.

DWG File for Spot Shots:

All spot shots taken during the survey must be provided in DWG format (AutoCAD). This includes:

- Spot elevations for cross-sections, river centreline, water edges, riverbed depths, and any additional measurements around the bridges, dam outlet, and gauging station.
- Cross-section profiles of the river, bridge and gauging station areas surveyed.
- Ensure that the DWG file is organized with layers for different features, such as cross-sections, contours, and specific structures like bridges and the gauging station.

<p>3.4.</p>	<p>STANDARD AND SPECIFICATIONS</p> <p>For the purpose of this specification the definitions and abbreviations given in the specification and standards and the following shall apply:</p> <table border="1" data-bbox="220 383 1273 1160"> <thead> <tr> <th data-bbox="220 383 608 450">SURVEY ITEM</th> <th data-bbox="608 383 1273 450">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td data-bbox="220 450 608 636">Bathymetry survey of Cicira River</td> <td data-bbox="608 450 1273 636">15-20m intervals on bends, 50m intervals on straight sections. Perpendicular cross-sections must include water elevations, river bed geometry, extend 15m either side of river channel, centreline of the river section</td> </tr> <tr> <td data-bbox="220 636 608 822">Bathymetry of Survey of Mthatha River</td> <td data-bbox="608 636 1273 822">15-20m intervals on bends, 50m intervals on straight sections. Perpendicular cross-sections must include water elevations, riverbed deometry, extend 15m either side of river channel, centreline of the river section</td> </tr> <tr> <td data-bbox="220 822 608 945">Survey of 5 Bridges</td> <td data-bbox="608 822 1273 945">Perpendicular cross-section 5m upstream, 5m down stream, the inlet and outlet of the bridge, details of bridge deck</td> </tr> <tr> <td data-bbox="220 945 608 1068">Survey of T2H008 and T2H010 Gauging weir sections</td> <td data-bbox="608 945 1273 1068">Perpendicular cross-section 5m upstream, 5m down stream, the inlet and outlet of the structure, details of the crest and divider walls</td> </tr> <tr> <td data-bbox="220 1068 608 1160">Survey of Dam outlet exiting spillway channel</td> <td data-bbox="608 1068 1273 1160">Extend 200m in all directions from the directions of outlet merging with the river</td> </tr> </tbody> </table>	SURVEY ITEM	DESCRIPTION	Bathymetry survey of Cicira River	15-20m intervals on bends, 50m intervals on straight sections. Perpendicular cross-sections must include water elevations, river bed geometry, extend 15m either side of river channel, centreline of the river section	Bathymetry of Survey of Mthatha River	15-20m intervals on bends, 50m intervals on straight sections. Perpendicular cross-sections must include water elevations, riverbed deometry, extend 15m either side of river channel, centreline of the river section	Survey of 5 Bridges	Perpendicular cross-section 5m upstream, 5m down stream, the inlet and outlet of the bridge, details of bridge deck	Survey of T2H008 and T2H010 Gauging weir sections	Perpendicular cross-section 5m upstream, 5m down stream, the inlet and outlet of the structure, details of the crest and divider walls	Survey of Dam outlet exiting spillway channel	Extend 200m in all directions from the directions of outlet merging with the river																		
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<p>3.5</p>	<p>GPS Coordinates of the areas to be surveyed:</p> <p>The estimated GPS coordinates, take from google Earth imagery, of the relevant survey locations are provided on the table below.</p> <table border="1" data-bbox="199 1377 1082 1944"> <thead> <tr> <th data-bbox="199 1377 635 1411">Details</th> <th data-bbox="635 1377 852 1411">Latitude</th> <th data-bbox="852 1377 1082 1411">Longitude</th> </tr> </thead> <tbody> <tr> <td data-bbox="199 1411 635 1444">Start of survey in Cicira River</td> <td data-bbox="635 1411 852 1444">31°34'8.61" S</td> <td data-bbox="852 1411 1082 1444">28°43'16.85" E</td> </tr> <tr> <td data-bbox="199 1444 635 1478">T2H010 gauging site:</td> <td data-bbox="635 1444 852 1478"></td> <td data-bbox="852 1444 1082 1478"></td> </tr> <tr> <td data-bbox="199 1478 635 1563">Detailed survey of bridge 1 required</td> <td data-bbox="635 1478 852 1563">31°33'24.12" S</td> <td data-bbox="852 1478 1082 1563">28°44'14.46" E</td> </tr> <tr> <td data-bbox="199 1563 635 1630">Detailed survey of bridge 2 required</td> <td data-bbox="635 1563 852 1630">31°33'18.85" E</td> <td data-bbox="852 1563 1082 1630">28°44'46.50" E</td> </tr> <tr> <td data-bbox="199 1630 635 1686">Dam outlet into Mthatha River detailed survey</td> <td data-bbox="635 1630 852 1686">31°33'8.25" E</td> <td data-bbox="852 1630 1082 1686">28°44'45.81" E</td> </tr> <tr> <td data-bbox="199 1686 635 1753">Detailed survey of bridge 3 required</td> <td data-bbox="635 1686 852 1753">31°33'54.61" E</td> <td data-bbox="852 1686 1082 1753">28°45'38.03" E</td> </tr> <tr> <td data-bbox="199 1753 635 1821">Detailed survey of bridge 4 required</td> <td data-bbox="635 1753 852 1821">31°34'6.69" S</td> <td data-bbox="852 1753 1082 1821">28°45'31.75" E</td> </tr> <tr> <td data-bbox="199 1821 635 1888">Detailed survey of bridge 5 required</td> <td data-bbox="635 1821 852 1888">31°34'8.08" S</td> <td data-bbox="852 1821 1082 1888">28°45'48.52" E</td> </tr> <tr> <td data-bbox="199 1888 635 1944">Detailed survey of T2H008 gauging site required</td> <td data-bbox="635 1888 852 1944">31°34'8.25" S</td> <td data-bbox="852 1888 1082 1944">28°45'50.47" E</td> </tr> </tbody> </table>	Details	Latitude	Longitude	Start of survey in Cicira River	31°34'8.61" S	28°43'16.85" E	T2H010 gauging site:			Detailed survey of bridge 1 required	31°33'24.12" S	28°44'14.46" E	Detailed survey of bridge 2 required	31°33'18.85" E	28°44'46.50" E	Dam outlet into Mthatha River detailed survey	31°33'8.25" E	28°44'45.81" E	Detailed survey of bridge 3 required	31°33'54.61" E	28°45'38.03" E	Detailed survey of bridge 4 required	31°34'6.69" S	28°45'31.75" E	Detailed survey of bridge 5 required	31°34'8.08" S	28°45'48.52" E	Detailed survey of T2H008 gauging site required	31°34'8.25" S	28°45'50.47" E
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4.	TECHNICAL SUPPORT
	<p>Should any problem be reported to the service provider concerning the services, the following response times are expected:</p> <ul style="list-style-type: none"> • Within 24 hours a representative of the supplier should be on site to resolve the problem. • Within 24 hours there should be a solution to the problem or if not possible, replacement products should be on site within 48 hours at the supplier's expense. <p>ANY DEFECTED PRODUCT SHOULD BE REPLACED AT THE SUPPLIER'S EXPENSE.</p>
5.	SCOPE OF CONTRACT
	<p>The Bidder will be required to perform the following service as part of this contract:</p> <ul style="list-style-type: none"> • Bathymetry survey of Cicira River • Bathymetry survey of Mthatha River • Survey of Survey of 5 Bridges • Survey of T2H008 and T2H010 gauging weir section • Survey of Mthatha Dam outlet exiting spillway channel • Items not according to the specifications will not be accepted and paid for.
6.	QUANTITIES
	<ul style="list-style-type: none"> • The quantity required cannot be guaranteed. • However, the estimated quantity is given in the SBD 3.1.
7.	PROGRAMME OF WORKS
	<ul style="list-style-type: none"> • Rendering of service to the Department shall commence within 14 days after receipt of official DWS order as and when requested by end-user. • The Department is unable to give a guarantee of the specific items which will be purchased during the contract period.
8.	ROAD CONDITIONS AND DISTANCE
	<ul style="list-style-type: none"> • Bidders are advised to acquaint themselves with roads, road conditions, distances, etc. on and to the site, before bidding.
9.	COSTS
	<ul style="list-style-type: none"> • Bidders shall provide in their bid for all labour, plant, material, implements, accommodation and vehicles necessary for the execution of the contract and all operating and maintenance costs in accordance with the bid documents.
10.	DELIVERY
	<ul style="list-style-type: none"> • Deliveries of items can be made during the following working hours 7h00 to 15h15 from Monday to Thursday but not on the following days or periods: <ul style="list-style-type: none"> • (I) Fridays 14h00 to Mondays 07h00 • (ii) All public holidays • (iii) The last Thursday and Friday of the month • The Bidder shall nominate a contract person with whom the Department will arrange and schedule delivery. • The ownership of and risk for the product purchased will pass to the Department at the point of delivery i.e. where a signed acceptance take place.
11.	DELIVERY PERIOD
	<ul style="list-style-type: none"> • A firm delivery period is required. • Adherence to bid delivery period is of utmost importance. • Note that the penalty for late delivery prescribed in paragraph 15 of the Specification will be imposed.
12.	BIDDER'S VEHICLES

	<ul style="list-style-type: none"> • The Department will have the right to instruct the successful Bidder to repair or replace a vehicle which is considered unsuitable for the transporting of the material. • Overloading of vehicles in terms of the Road Traffic Act will not be permitted.
13.	PAYMENT
	<ul style="list-style-type: none"> • Payment will be made per item rendered to site. • Payment will be made monthly on receipt of specified tax invoices. • Payment will not be made for consignment unless supported by delivery notes duly signed by the official checking the delivery. • Payment will be done within 30 days of receipt and approval of original invoice by depositing the payment directly into the bank account of the successful bidder. • No cash or cheque payment will be done. No upfront payments to be done.
14.	BID PRICE AND SUPPLY PERIODS
	<ul style="list-style-type: none"> • All-inclusive bid prices are required, meaning VAT, delivery and any other cost mentioned in the specification for the Bidders account must be included in the unit price. • Firm bid prices and delivery periods must be submitted. • Adherence to bid delivery period is of utmost importance. • "Firm" prices are deemed to be the prices which are only subject to the following statutory change <p>(a) VAT,</p> <ul style="list-style-type: none"> • (b) Any levy related to customs and excise (written proof must be given)
15.	SAFETY AND ENVIRONMENTAL
	<ul style="list-style-type: none"> • Bidders are required to adhere to the Departments Safety and Environmental policies.
16.	<ul style="list-style-type: none"> • Bidders must initial all pages of section 2 of this document and sign and complete declaration below.

Therewith I, _____ (Bidder's Name) declare that I have read, completed and understood the above specifications.

BIDDER'S SIGNATURE

DEPARTMENT OF WATER AND SANITATION

WTE022CE

RENDERING OF BATHYMETRY SURVEY SERVICES OF CICIRA RIVER, MTHATHA RIVER AND
BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE

SECTION 3: SBD 3.1 – PRICING SCHEDULE

CONTENTS

PREAMBLE TO THE SBD 3.1 – PRICING SCHEDULE
SBD 3.1 – PRICING SCHEDULE

PREAMBLE TO THE SBD 3.1 – PRICING SCHEDULE

1. GENERAL

The SBD 3.1 forms part of the Contract Documents and must be read and priced in conjunction with all the other documents which include the Conditions of Contract and all other Specifications in the bid document.

2. QUANTITIES REFLECTED IN THE PRICING SCHEDULE

The quantities given in the SBD 3.1 can be subject to change. **The Department reserves the right to only purchase one product per item or one item or none of the items in the pricing schedule.**

The validity of the contract will in no way be affected by differences between the quantities in the SBD 3.1 and the quantities finally certified for payment.

3. PRICING OF THE SCHEDULE

The rates to be filled in the SDB 3.1 should include all costs. All rates and amounts quoted in the SBD 3.1 shall be in Rand and shall include applicable taxes.

4. CORRECTION OF ENTRIES

Incorrect entries shall not be erased or obliterated with correction fluid but must be crossed out neatly. The correct figures must be entered above or adjacent to the deleted entry, and the alteration must be initialled by the Bidder.

PRICING SCHEDULE

(Firm Prices)

WTE022CE

RENDERING OF BATHYMETRY SURVEY SERVICES OF CICIRA RIVER, MTHATHA RIVER AND BRIDGES NEXT TO MTHATHA DAM IN THE EASTERN CAPE PROVINCE

THIS PRICING SCHEDULE MUST BE COMPETED IN FULL

CLOSING TIME 11:00	ON: (09 MAY 2025)	BID NO.: WTE022CE
NAME OF BIDDER:		

OFFER TO BE VALID FOR 120 DAYS FROM CLOSING DATE OF BID

ITEM	DESCRIPTION	QTY	Unit Price	AMOUNT	
				R	c
1.	Bathymetry survey of Cicira River	Sum	R.....	R.....	
2.	Bathymetry survey of Mthatha River	Sum	R.....	R.....	
3.	Survey of 5 Bridges	Sum	R.....	R.....	
4.	Survey of T2H0018 and T2H010 gauging weir section	Sum	R.....	R.....	
5.	Survey of dam outlet exiting spillway channel	Sum	R.....	R.....	
6.	Detailed output reports	Sum	R.....	R.....	
7.	Transport and accommodation	Sum	R.....	R.....	
				SUB-TOTAL (EXCL. VAT)	R.....
				15% VAT	R.....
				TOTAL (INCL. VAT)	R.....

-
Delivery basis.
(See note hereunder)

To Site
Mthatha Dam Site within Eastern Cape
Province

-
Period required for delivery after receipt of order:

Within 14 days

NOTE:

- All delivery costs must be included in the bid price.
- All the relevant information in SBD 3.1 must be completed

Any enquiries regarding bidding procedures may be directed to the –

Department Water and Sanitation
Supply Chain Management Office
Construction East,
PRIVATE BAG X2023
Standerton
2430.

Administrative information:

Mr: Marianne Neethling / 0177201606, Email: NeethlingM@dws.gov.za

Or

For Technical or site information –

Mr.S.P Ngema
Email: NgemaS2@dws.gov.za
Tel: 060 980 5892