

TENDER NOTICE
TURNKEY BOREHOLE EXPLORATION AND DEVELOPMENT PROJECT
IN THE NELSON MANDELA BAY METROPOLITAN AREA (BEAD)
CONTRACT NO: CDC/45/24

The Coega Development Corporation (CDC) is headquartered in the City of Gqeberha, Nelson Mandela Bay Municipality, South Africa, with a strategic operational footprint in South Africa and beyond the borders on the African continent. The CDC's vision is to be the leading catalyst for the championing of socio-economic development. This it seeks to achieve through the development and operation of the 9 003-hectare Coega Special Economic Zone (SEZ), a transshipment hub and a leading investment destination in Africa, providing highly skilled competence and capacity for the execution of complex infrastructure and related projects throughout South Africa and selected markets on the African continent, and advisory on the development of industrialisation and logistics zones. The CDC's advanced capabilities are successful enablers in sustainable economic zone development and management, real assets management, infrastructure planning and development, technology integration while realising related socio-economic impact areas such as skills and SMME development. The CDC's high-performance ethos is grounded in its commitment to sustainable development, the protection of its people and the planet, and the delivery of infrastructure solutions that support a just social and economic transition to a low-carbon, resource efficient, and climate resilient future. The foundational culture of the CDC's approach, backed by its core values, is innovation and continuous improvement.

The CDC's appointment by the Nelson Mandela Bay Municipality to provide IA Services on the Borehole Exploration and Development Project is in line with this strategic intent.

INVITATION & SCOPE OF SERVICES

The Coega Development Corporation (CDC) is inviting well-experienced, capable, and competent Service Providers with proven track-record in groundwater investigation and development to submit their Proposals for the Turnkey Borehole Exploration and Development in the Nelson Mandela Bay Metropolitan Area, Gqeberha (Port Elizabeth), Eastern Cape Province.

This is a Turnkey Contract therefore the Bidders should submit their Proposals either as Joint Ventures (JVs), Consortia or as lead entity of multi-disciplinary services, if they possess all the requisite skills and drilling equipment in-house.

To be eligible to bid, the Bidders should, as a minimum, comprise the following:

- Specialist Drilling Contractors;
- Specialist Consultant/Professional Service Provider in Groundwater Investigation;
- Professional Service Provider in Consulting Engineering Services; and
- Contractor registered with CIDB Graded Contractors with the right grading for specific components of the BEAD Project are proposed and used for all the construction-related activities.

The Scope of Work entails end-to-end services associated with borehole exploration and drilling to produce 15 Ml/day of potable water into the Nelson Mandela Bay Bulk Water System.

(a) **Scope or Work Summary:**
The required services include the following:

- (i) Borehole Siting: Conduct hydrogeological site surveys and geophysical investigations to identify best sites / areas for drilling of the boreholes; clearly indicating viability to drill the boreholes;

(ii) Fulfil all regulatory requirements to acquire permits and licences for drilling of boreholes;

(iii) Borehole Drilling Services including Drilling Logging;

(iv) Test Pumping Services;

(v) Water Quality Sampling and Testing;

(vi) Borehole Development and Equipping;

(vii) Power Supply;

(viii) Installation of Water Pumps and connections;

(ix) Design and Installation of Water Purification Works, where necessary/required;

(x) Conveyancing Pipeline to Main Municipal Bulk Supply Systems;

(xi) Provisioning of necessary security measures against theft and vandalism;

(xii) Commissioning of the Works; and

(xiii) Restoration of the Borehole Sites as far as possible to the natural state to minimise the environmental impact of the drilling operations. Further restoration is required after equipping and linking of the boreholes.

The Turnkey Contract shall have two (2) parts:

- Part 1 – Borehole Exploration (i.e. Groundwater Exploration)
- Part 2 – Development (Infrastructure Design and Construction)

The successful Bidder shall be responsible for groundwater exploration and design of the infrastructure, and construction thereof.

(b) **Deliverables Part 1 – Borehole/Groundwater Exploration**

Groundwater Exploration, the service provider is expected to deliver full Geohydrological Report containing Management Recommendation containing the item listed below but not limited as they will be responsible for the turnkey solution:

(a) Hydrocensus surveys through the gathering of hydrogeological data and field measurements;

(b) Geophysical surveys to pinpoint strategically placed borehole positions;

(c) Management of drilling and pump testing sub-contractors. We have developed trust-built relationships with sub-contractors enabling us to provide clients with high quality and consistent drill and pump testing services;

(d) Supervision of the borehole drilling processes including the design of appropriate borehole construction methods whilst managing both cost and quality implications;

(e) Management of pump testing and preparation of sustainable pumping recommendations. This type of aquifer testing involves subjecting the aquifer to pumping under controlled test conditions to determine the hydraulic parameters of the groundwater system through its response to the stress of abstraction;

(f) Slug testing to estimate the hydraulic properties of a water source (a controlled field experiment where the water level in an aquifer is caused to change rapidly with the subsequent water-level response measured);

(g) Water Quality Test and Management Recommendations;

(h) The preparation of a hydrogeological report required for Water Use Licence Applications (WULA);

(i) Geohydrological Report;

(j) Flood-line determination/study;

(k) Hydrological Report;

(l) Watercourse delineation; and

(m) And any other reports required for WULA.

(c) **Deliverables Part 2 – Development (Design and Construction)**

For infrastructure design and construction, where Part-1 has successfully established a viable borehole or groundwater source, the Professional Service Provider (PSP) a member of the bidding team shall carry out the engineering designs in accordance with the Scope of Services Tariff of Fees for Persons Registered in Terms of the Engineering Profession Act, 46 of 2000 (ECSCA Guideline of Services). The services shall include Normal Services (Scope of Services) and Additional Services (including Construction Monitoring). The construction works shall be carried out by the CIDB Registered Contractor with the appropriate Grading (CE/EE/ME) and the Bidder is encouraged to develop SMME packages to be subcontracted to local EME/QSEs.

(d) **Commissioning and Acceptance**

The 15Ml/day targeted yield would be realised from different wellfields that are independent.

(b) Sectional completion of the works and commissioning and acceptance would therefore be adopted in this Contract;

(c) Should any wellfield be complete and ready to operate it will be approved for operation.

(d) Acceptance will be made up of at least the following stages:

(e) Acceptance of Borehole Siting Report.

(f) Acceptance of successfully drilled boreholes with explorable yields and water quality.

(g) Approval of detailed design report to link the boreholes.

(h) Witnessed sustained pumping report over a 30-day continuous and non-broken period. Should any problem be encountered which requires repairs the period resets to zero.

CONDITIONS OF TENDER

a) The Lead Partner (Study Leader) for groundwater investigations must be a registered professional in accordance with the Natural Scientific Professions Act 27 of 2003 (SACNASP) in the following categories:

(i) Water Resources Science (Hydrological and Water Science) and/or

(ii) L4 Competent Natural Science Geo- Professional.

b) The CIDB B.U.I.L.D Standard for Indirect Targeting for Enterprise Development through Construction works Contracts, published in Gazette Notice No. 36190 of 25 February 2013 is applicable to this project.

c) The CIDB B.U.I.L.D Standard for Developing Skills Through Infrastructure Contracts (March 2023) shall also apply.

d) Respondents must comply with the CDC's Procurement Policy & Procedures.

e) The following legislation shall apply:

(i) Public Finance Management Act (PFMA);

(ii) Preferential Procurement Policy Framework Act (PPPFA), 2000: Preferential Procurement Policy Framework;

(iii) The Preferential Procurement Regulations 2022;

(iv) The CIDB Act 38 of 2000;

(v) National Treasury Regulations.

(vi) The National Qualifications Framework Act (Act No. 67 of 2008 and amended as per Act No. 12 of 2019);

(vii) The Skills Development Act (Act No. 97 of 1998);

(viii) Occupational Health and Safety Act and Regulations, Act (85 of 1993);

(ix) Compensation for Occupational injuries and disease Act (130 of 1993);

(x) NEMA National Environmental Management Act (107 of 1998);

(xi) Disaster Management Act 57 of 2002

(xii) B-BBEE Act Number 53 of 2003 (as amended by Act number 46 of 2013); and

(xiii) Any other applicable legislation.

f) The 90/10 preference point system will be used where points allocation will be as follows:

(i) Price

(ii) Specific goal

g) Bidders and all its Consortium/Joint Venture (JV) members, if any, must confirm their company registration with Companies and Intellectual Property Commission (CIPC) (formerly CIPRO) as CDC will not award any bid to any business that appears on the CIPC List of de-registered businesses.

h) As per amended construction codes, companies with less than 51% black shareholding (QSEs & Generics) are to submit a valid SANAS Accredited B-BBEE Verification Certificate (with the full applicable B-BBEE elements). QSE with at least 51% or 100% black shareholding and EMEs with an annual turnover of above R3 million are required to submit a B-BBEE verification certificate from a SANAS accredited verification agency as they have to comply with the 40% sub-minimum requirement on the QSE Skills Scorecard to avoid being discounted a level. EMEs with a turnover of less than R3 million are exempt from complying with the subminimum requirement and may submit an affidavit or a certificate issued by CIPC, confirming their ownership and annual turnover. In case of a JV, a consolidated B-BBEE certificate must be submitted as well as individual B-BBEE Certificates/affidavit of their entities to confirm the type of enterprise.

i) An Entity that is part of a JV/Consortium is not permitted to form part of more than one bid submission in terms of the Competition Act 89 of 1998;

j) Proof of registration with Treasury's Centralized Supplier Database (CSD) or provide a Treasury CSD registration number e.g. MAAAO...;

k) CDC will only award the tender to a Bidder who is tax compliant. The tax compliance status of the Bidders will be verified through CSD and SARS website;

l) No competitive bids will be awarded to a person or entities who are not Tax Compliant, therefore prospective Bidders must ensure that they are Tax Compliant throughout the validity period of the bid in review;

m) Bidders must be VAT registered and bids must be submitted VAT inclusive. Non-VAT vendors who submit bids for contracts that would, if successful, take their annual turnover above the threshold of R 1 million are obliged to include VAT in the prices quoted and must therefore immediately upon award of the contract register with the South African Revenue Services (SARS) as VAT vendors. The award of contract would be conditional pending the successful Bidder submitting proof of registration as a VAT vendor with SARS;

n) Bidders will be evaluated on functionality and are expected to meet the minimum of 70% threshold in order to be evaluated further. The evaluation criteria for assessing functionality and weight of each criterion are provided under Section 8 of the RFP document;

o) CDC will not award more than two (2) active projects to one Bidder, unless one project has reached 80% completion stage and beyond. Capacity assessment may be conducted in an event that the recommended Bidder is the only responsive service provider and has already been awarded five contracts;

p) The performance of the Bidders on projects they have been awarded (past and current projects) shall be reviewed and evaluated on an on-going basis by the CDC Project Manager. Poor performance on awarded projects may result in a Bidder not being awarded future projects by the CDC as per the CDC Service Provider Performance Management System (SPPMS);

q) Bidders must complete and sign the POPI Act consent form. In case of Joint Venture/Consortium, a separate form in respect of each party to the JV must be completed;

r) Public servants are prohibited from doing any form of business with organs of state, whether in their own capacity as individuals or through companies in which they are directors;

s) Verification will be done, and Bidders will be disqualified should they be found to be in contravention with the regulations. If the Bidder has been granted permission by Treasury, the letter must be provided with the bid document;

t) Bidders are required to have a design team with professionals' registration with ECSA, SACNASP, SACPCMP and SAGC. The project team must as a minimum include the following professionals:

(i) Geohydrologist – Pr Sci Nat;

(ii) Geophysics – Pr Sci Nat;

(iii) Civil/Water/Electrical – Pr. Eng / Pr Tech Eng; and

(iv) Mechanical/Electrical Engineer, Pr Eng / Pr Tech Eng

u) The Bidders must nominate a person who will be their Overall Project Team Leader. The Overall Project Team Leader (OPTL):

(i) In the case of the JV/Consortium, each entity that is party to the JV/Consortium must nominate a person with delegated authority who will in turn sign the on the delegated authority of the OPTL on behalf of the JV/ Consortium.

(ii) Should have delegated authority to sign:

(1) The Proposal Submissions;

(2) All the Returnable Documents that should also be initialled and submitted as part of the Proposal;

(3) Any correspondence with the CDC during the bidding process;

(4) The Agreement to be entered into with the Successful Bidder; and

(5) Any correspondence during the Contract Execution Phase.

(iii) Would be conferred the authority to be the duly Authorized Signatory as would be provided in the Certificate of Authority of Signatory that should be included in the Proposal for this RFP Process.

(iv) Will be the sole point of contact between the CDC and the Bidder during this bidding process.

(v) Would be required to review and sign off all the deliverables to the CDC during the execution of the contract, confirming their quality and professional soundness.

v) The successful Bidder will be required to comply with the Occupational Health and Safety Act and Regulations, Act (85 of 1993); Compensation for Occupational Injuries and Disease Act, Act (130 of 1993); National Environmental Management Act, Act (107 of 1998) and Disaster Management Act, Act (57 of 2002) and, all relevant legislations throughout the duration of the contract. Upon appointment of the successful Bidder, will be required to develop Occupational Health, Safety and Environmental Management Systems in compliance with the CDC Norms and Standards.

w) A successful Bidder (Contractor) will be required to provide valid proof of registration of the Construction Health and Safety Officer (CHSO) or Construction Health and Safety Manager (CHSM) with SACPCMP upon award during construction phase, must have necessary competencies and resources to execute his or her duties. No candidate registration will be accepted. The CHSO/M must have proven record of years of experience as follows (choose according to the below guidelines):

✓ CIDB grading 7 = minimum of 5 years (depending on the Bidder's proposal)

✓ CIDB grading 8 = minimum of 8 years (depending on the Bidder's proposal)

✓ CIDB grading 9 = minimum of 10 years or more

“NB” For CIDB Grading (1 – 6), the CHSO/CHSM is called on risk based dependent and agreed procurement method by the PMs with two or more years of experience.

x) In case of JVs/Consortia, the Bidder must include an Intent to Enter into a JV/Consortium Agreement. The actual copy of assigned JV/Consortium Agreement would be required from the successful Bidder upon completion of the procurement process;

y) It is incumbent upon and the responsibility of the Bidders to submit their full and correct contact details when they download the RFP Document to enable any communication that the CDC might need to issue to all the Prospective Bidders during the bidding process to be realised. The CDC will not be accountable for any such omission or failure by the Prospective Bidders.

z) The bid validity period shall be **twelve (12) weeks** from the RFP closing date. The bid validity will expire on 31 May 2024.

The documentation for this RFP Process can be downloaded from the CDC's website: www.coega.com from **Friday, 16 February 2024 at 10h00**. No hard copies of the RFP Document will be made available by the CDC to any Bidder.

A Non-Compulsory Briefing Meeting will be held virtually, on **Friday, 23 February 2024, at 10h00** via Microsoft Team.

See below link to join the meeting:

[Click here to join the meeting](#)

Queries relating to this RFP may be addressed to Ms. Zine Mtanda, Unit Head: Supply Chain Management strictly via e-mail: tendersCDC4524@coega.co.za between the period of **16 February 2024 to 01 March 2024**. No new queries received **after the 01 March 2024** will be considered.

The **closing date** and time for the receipt of complete bid documents is **14h00, Friday, 08 March 2024**.

One original completed bid document and one flash drive (with electronic version of the bid) shall be placed in a sealed envelope clearly marked:

**“CDC/45/23: EPC/TURNKEY PROJECT BOREHOLE EXPLORATION AND DEVELOPMENT
IN THE NELSON MANDELA BAY METROPOLITAN AREA. ”**

Bids are to be handed in at the Document Control Office on the Ground Floor at the **CDC's Main Office in the Coega Business Centre, Cnr Alcyon Rd and Zibuko Street, Zone 1, Coega SEZ, Gqeberha (Port Elizabeth)**. Bids will not be opened in public, and no late submissions will be considered.

Failure to provide any mandatory information required in this Bid will result in the submissions being deemed null and void and shall be considered non-responsive. Telegraphic, telexed, facsimiled or e-mail submissions will not be accepted.

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No telephonic or any other form of communication relating to this Bid with any other CDC member of staff, CDC Agent, Client, or any other role players will be permitted.

All enquiries regarding this bid must be in writing only, and must be directed to:

Ms Zine Mtanda, Unit Head: Supply Chain Management; e-mail address: tendersCDC4524@coega.co.za.

There shall be no disclosure, other than to the Client's legal and technical advisors of the tender amounts, method of work, terms, conditions, etc., to any other Bidder nor to any parties who have not submitted tender documents. The CDC reserves the right not to accept the lowest proposal in part or in whole or any proposal.

TIP-OFFS ANONYMOUS HOTLINE:
STOP: THEFT / FRAUD / DISHONESTY / BRIBERY /
BLACKMAIL / INTIMIDATION
Call Toll-free TODAY: 0800 007 035 and remain anonymous.

right PLACE • right TIME • right CHOICE

BBBEE LEVEL 1 CONTRIBUTOR
ISO 9001:2015 • ISO 14001:2015 • ISO 45001:2018
ISO 20000-1:2018 • ISO 27001:2013

[in](#) [f](#) [X](#) [v](#) [y](#)