

12th May, 2016.

REF: GDC/ICB/CPS/028/2015-2016

TO: All Bidders

Dear Sirs,

ADDENDUM 1: CLARIFICATION

RE: TENDER FOR SUPPLY OF DRILLING MATERIALS AND ACCESSORIES FOR GEOTHERMAL WELLS-GDC/CPS/ICB/028/2015:2016

In response to bidders request for clarification, GDC provides the following clarification:

Bidder's Question 1:

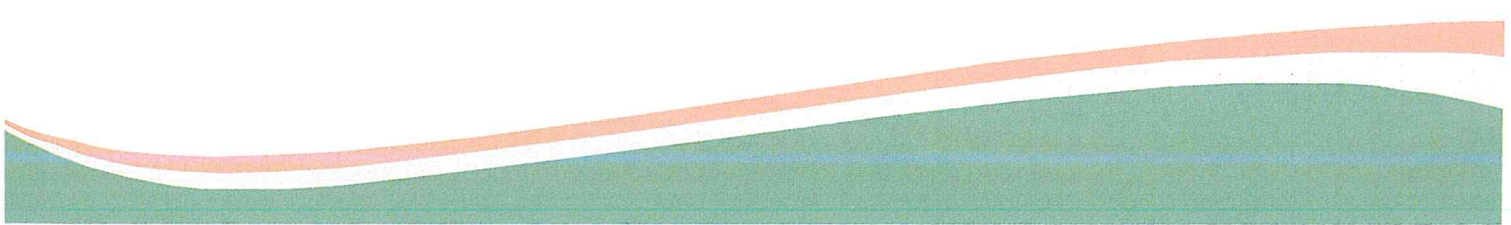
The casing shall be manufactured to API Specification 5CT and should have the API monogram. 30" OD, 94 lb./ft., mild steel, Range 3, ERW weld-on casing. Each pipe length to be beveled on both ends for electrical arc-welding. As per API 5CT standard, the maximum casing size is 20 inch, and due to limitation of technology and equipment, SAW is the normal manufacturing process for 30 inch casing.

GDC's Response

30" OD, 94 lb/ft mild steel, Grade B, SSAW, Weld-on casing. Each pipe length to beveled on both ends for electrical arc-welding. The casing shall be manufactured to API Specification 5L, PSL1.

Bidder's Question 2:

Please confirm the steel grade of 20"OD, 106.5lb/ft, mild steel, Range 3, ERW, buttress thread casing. Please confirm 20" casing is ERW or Seamless. Each pipe length to C/W appropriate coupling.



GDC's Response

20" OD, 106.5lb/ft, Grade K55, Range 3, SEAMLESS, buttress thread casing. Each pipe length to C/W appropriate coupling.

Bidder's Question 3:

Steel sections are commonly specified with a code consisting of the major dimension (usually the depth)-x-The minor dimension-x-The mass per metre- ending with the section type, all measurements being metric. For example: 152x152x23UC would be a column section (UC = universal column) of approximately 152 millimetres depth, 152 mm width and weighing 23 kilograms per metre of length. Please advise if the dimension; 203x203x37mm I-Section universal Steel Stanchions weighing 43.5kgs/m (Total length = 400m) is correct. Please confirm if the highlighted dimension above is correct.

GDC's Response

The correct dimension is 203x203x46mm I-Section universal Steel Stanchions weighing 46kgs/M

Bidder's Question 4:

Will you award the contract to a single supplier or do you plan to split the award into more than one (i.e.: casing to supplier A and drill pipe to supplier B)?

GDC's Response

The award will be lowest evaluated per complete Schedule as stipulated in Section III clause 17 (c) of the tender document.

Bidder's Question 5:

Regarding "Section V – Eligible Countries", kindly clarify whether the nationality of the bidder must be from the list of the Member Countries from the African Development Bank, in order to ensure the appropriate entity responsible complies with subject tender submission requirements. In addition, please clarify if this also applies to the country of origin of goods requested.

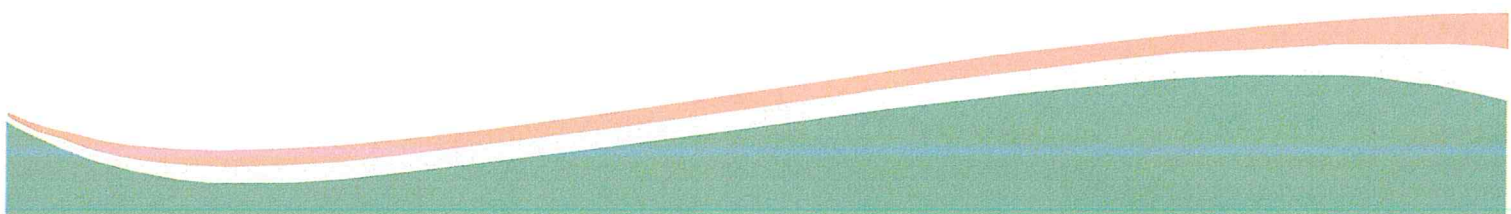
GDC's Response

The project is financed by the African Development Fund accordingly as per the bidding document Section V. Eligible Countries

The African Development Fund permits firms and individuals from all countries to offer goods, works or services under ADF-funded projects.

Bidder's Question 6:

Would you require all material to have KENDEX Orange storage compound?



GDC's Response

The casing shall be approved steel thread protectors for both ends lined with storage compound for each piece of casing.

Bidder's Question 7:

Mechanical Properties:

1. Hardness: will you require a Maximum Hardness Value (HRC) of 22 for 55Ksi steel grade for pipes and coupling material?
2. Toughness: considering material ductility, will you require a Minimum Charpy impact toughness value:
 - a. For Pipe Body:
 - i) Transverse Minimum Average - 40 J
 - ii) Longitudinal Min. Average- 60 J
 - iii) Test Temperature- 21°C
 - b. For Coupling:
 - i) Transverse Min. Average- 32 J
 - ii) Longitudinal Min. Average- 48 J
 - iii) Test Temperature- 21°C

GDC's Response

All mechanical properties for the casing shall be for Grade K55

Bidder's Question 8:

In case of BTC-modified connection, will you require it to be fully interchangeability with standard BTC?

GDC's Response

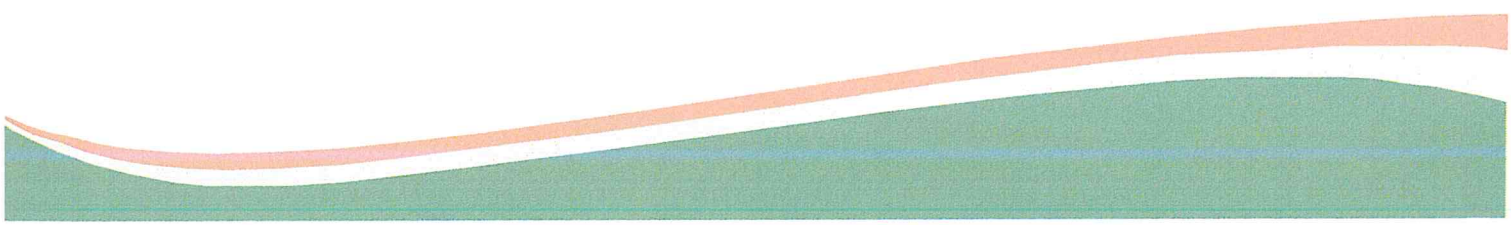
Connection requirement is buttress thread as per tender specifications

Bidder's Question 9:

Please confirm you will require Connection Datasheets showing all properties of the products such as, but no limited to pipe body geometry and dimensions, ratings and recommended make-up torques for each pipe and coupling.

GDC's Response

Connection Datasheets showing all properties of the products such as, but no limited to pipe body geometry and dimensions, ratings and recommended make-up torques for each pipe and coupling should be provided



Bidder's Question 10:

Please indicate whether you will require an extra indicator / better visual aid in addition to API 5CT to identify if connections are made-up properly (Eg: diamond, triangle, color band, etc.).

GDC's Response

Extra indicators are not required

Bidder's Question 11:

Would you require after sales service?(Technical support throughout the project, and field service Inspectors to assist with Visual Quality inspection upon material reception, running and installation assistance on wells)

GDC's Response

After sales service is not required

Bidder's Question 12:

Some documents require inserting ICB No: Please confirm if it can be our (Bidder's) reference for the subject tender

GDC's Response

Reference for the subject tender is ICB No: GDC/CPS/ICB/028/2015:2016

Bidder's Question 13:

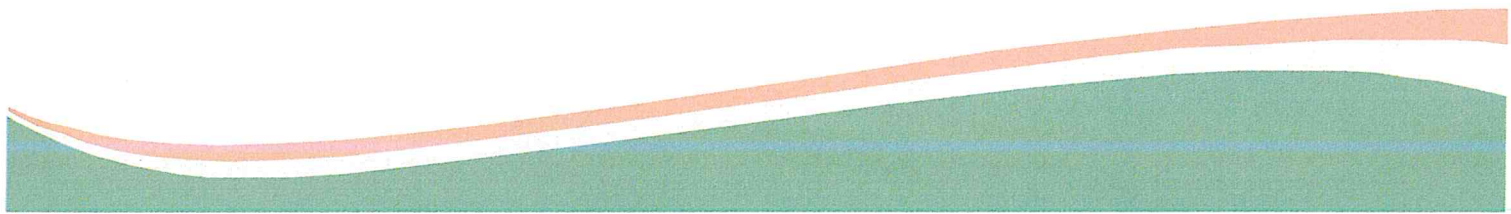
Section V. Eligible Countries: Please confirm if UAE, UK and Cayman Islands comply.

GDC's Response

Please see the response given above Question No.5

Bidder's Question 14:

Section I. Item 17. Documents Establishing the Eligibility of the Goods and Related Services: In case Bidder shall submit Mill's documentation such as API certificates, sales records and/or others we appreciate if you let us know full details of what is required.



GDC's Response

Concerning Eligibility Please see the response given above Question No.5

- i) All the relevant catalogues, brochures and descriptive literature shall accompany the casings.
- ii) The casing shall be manufactured to API Specification 5CT and should have the API monogram.
- iii) API certificates must be provided

Bidder's Question 15:

Form EXP 2.4.1: Please confirm if it has to be a single PO with a value of 12 Million or can it be a PO from the same company over a one year period that has an accumulative value of USD 12 million or more

GDC's Response

The requirement is experience as Supplier in at least three (3) contracts within the last Ten (10) years, **EACH** with a value of at least USD 12 Million , that have been successfully and substantially completed and that are similar to the proposed Goods and Related Services. The similarity shall be based on the physical size, complexity,

Bidder's Question 16:

It is not clearly listed in the tender document about the technical details of the item 4 to 7 inside schedule B.


GDC'S Response

The Specifications and Standards of items 5-7 is as stated in the tender document section VI. For item 4 refer to response to question 3 above.

NB:

The Closing date and all other requirements/instructions remain unchanged.

Yours faithfully



DORIS KYAKA

MANAGER, SUPPLY CHAIN.

FOR: GEOTHERMAL DEVELOPMENT COMPANY.

