

6<sup>th</sup> October, 2020.

REF: GDC/MS/005/20-21/dk-fk

TO: ALL BIDDERS

Dear Sirs,

**ADDENDUM 1: CLARIFICATION**

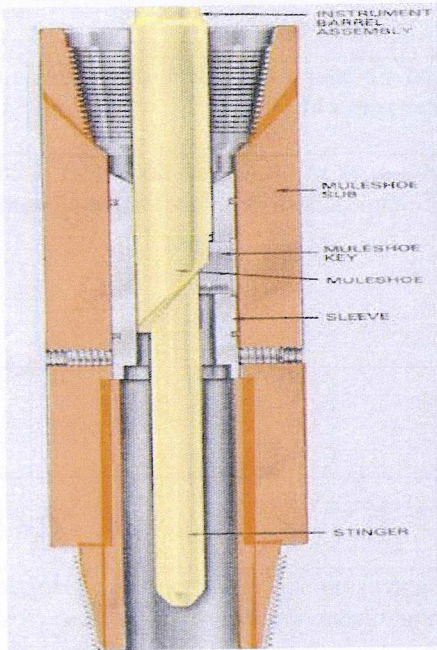
**RE: TENDER FOR TENDER FOR SUPPLY AND DELIVERY OF DIRECTIONAL TOOLS - GDC/DO/ICB/009/2020-2021.**

In response to bidder's request for clarification, GDC wishes to provide the following response;

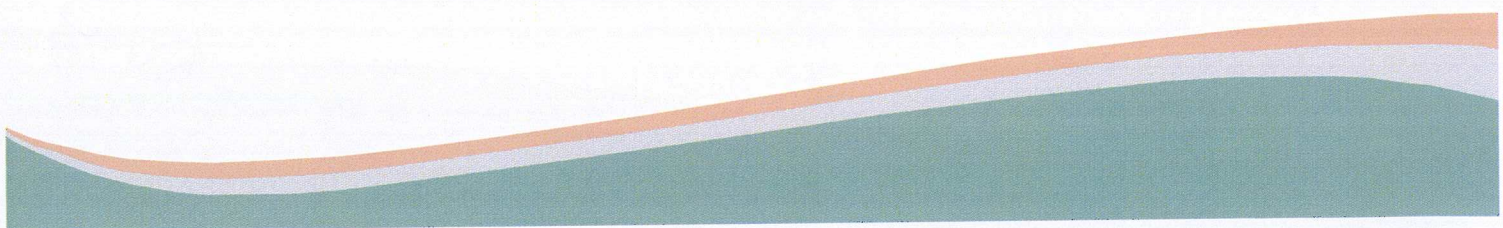
S.N	BIDDER'S QUESTION	GDC'S RESPONSE
1	Kindly specify the desired temperature and speed limits for the Vector Drill Mud Motor in order to enable us address this more comprehensively	Speed 60-200rpm, Typical fluid circulation temperatures of 60°C.
2	Please clarify the below item 7 ¾" or 8" low speed high temperature vector drill mud motor, air/form mud motor (adjustable bent angle) TOP: 6 5/8" Reg Box Bottom: 6 5/8" Reg Box 5/6Lobe configuration Flow rate: 350-900GPM Bent angel: 0-3° THE GIVEN PARAMETER for the above item IS NOT PROPERLY DESIGNED THE PERFORMANCE WILL NOT BE STABLE ACCORDING TO THIS.	Please refer to the tender document Section V (Technical Specifications) for equipment.
3.	Can you please provide a 1 week extension for GDC/DO/ICB/009/2020:2021 tender?	No extension shall be provided. Please refer to the tender document for tender closing date.
4.	Is partial offer acceptable?	Please refer to the tender document on award criteria for each schedule
5.	Please confirm the overall length of the orientation sub along with the Internal Diameter of the tool	Length is 0.7 to 1m, Internal diameter as indicated in the tender document.
6.	Also please confirm the Outside Diameter of oriented sleeve.	Length around 1m, Internal diameter as indicated in the tender document.
7.	7 ¾" or 8" low speed high temperature vector drill mud motor, air/form mud motor (adjustable bent angle) Can you use a mud lubricated motor?	Yes but the motor should also have capacity to be run on compressed air

*Dave*

	<p>What are your preferred revolutions per gallon? Can you accept certified used parts?</p> <p>Do you need slick or stabilized?</p> <p>What will be the downhole temperature?</p> <p>Will you need any additional parts (additional stators, tools to service the motor)?</p>	<p>0.2-0.3 rev/gal GDC shall not accept any used parts</p> <p>Stabilized</p> <p>Should withstand temperatures up to 150°C</p> <p>Suppliers may include any additional parts as they may see fit</p>
8.	Here we have attached drawing for your reference, can you please advise if the same is what you are looking for? For the orientation sub.	Please refer to the tender document on equipment specification.
9.	8" Orientation sub and 6" Orientation sub We need to know the material you need, is it non-magnetic material or alloy steel. Is there any drawing?	<p>Either non-magnetic material or alloy steel.</p> <p>See fig below</p>
10.	Can you please advise if you can share photos or drawings for the 6 1/2" and 8" UBHO?	See below



*Dubey*





NB/ All other requirements/instructions remain unchanged.

Yours Faithfully

**DORIS KYAKA**  
**MANAGER, SUPPLY CHAIN**  
**FOR: GEOTHEMAL DEVELOPMENT COMPANY**

