	CSIR - NATIONAL GEOPHYSICAL RESEARCH INSTITUTE
	(Council of Scientific & Industrial Research)
	UPPAL ROAD, HYDERABAD-500 007,(AP), INDIA

ATTENDENCE SHEET FOR THE PRE-BID MEETING

Tender No. Tender No.55(1)2016-PUR/T-1 dated 09/04/2016

for providing 2D Seismic Job Services, Shot Hole Drilling, Loading & blasting of shot holes and Topographic Survey in Kutch Dist, Gujarat

The following Bidders have attended for the Pre-bid meeting held on 18/04/2016 – 10.30 a.m. at Lecture Hall - 1, Extension Building, Ist Floor, CSIR-NGRI, Uppal Road, Hyderabad.

Sl. No.	Name & Designation	Company Name & Address	Contact Telephone No. with e-mail
1→	Nandan Kumar Singh Exe Geophysicist	132WS Complex, Opp: Apollo Hospital Mathura Road New Delhi	nandan.singh@gaveshan Geo.com
2.	B.S.RAHUL A.Shashank	AQUILA DRILLING PVT LTD. Banjara Hills. Hyd.	rahulbs@alphageointernational.com 1. 9963956699. 2. 040 23320002
3.	P. PRAKASH MANAGER	SANJAY ROCK DRILLS TIRUCHENGODE NAMAKKAL (Dt) TAMILNADU	09425180970 Sanjaylakshmanan@gmail.com
4.	Gurdhara Kumar Proprietor	U. GIRIDHARA KUMAR Geo- V. Tajawada	Gurdharakumar y@gmail.com
5.	B Mandal	NGRI	

55(1)2016-Pur
April 18, 2016

Sub: Minutes of Pre-Bid Conference held on 18/04/2016-10.30 am.

As per provision of Tender document Clause No. 5.1(Page 6) Pro-Bid conference was held on 18.04.2016. **The following were present**:

Dr. N.Purna Chandra Rao, Chief Scientist	-	Chairman
Dr. G.Ashok Babu, Sr.Principal Scientist	-	Member
Dr. B.Mandal, Sr.Scientist	-	PL & Member
Shri S .Raju, Sr.Pr.Scientist	-	IO & Member
Shri M.Tirupathi, PTO	-	Member
Mrs M.Krishnaveni,FAO	-	Member
Shri S.Gnanaprakasam COSP	-	Member-Convenor

The following bidders were present

1. M/s. Gaveshana Geo Science Pvt Ltd, New Delhi represented by Mr.Nandan Singh
2. M/s. Sanjay Rock Drill, Salem represented by Mr P.Prakash
3. M/s. G. Giridhar Kumar, Vijayawada
4. M/s. Aquila Drilling Private Limited, Hyd represented by Mr.B.S.RAhul

The issue raised were clarified during the Pre-Bid conference.

The issue raised by bidders and clarifications given by NGRI are stated in the annexure attached. Attendance sheet of Pre-Bid conference is enclosed.

Bidder Present were satisfied with replies/clarifications given by NGRI.

(G.Ashok Babu) 19/4/2016 (B.Mandal) 18/4/16 (S .Raju) 18.4.16 (M.Tirupathi) 19/4/2016

(M.Krishnaveni) 19/4/16 (S.Gnanaprakasam) 18/4/16 (N.Purnachandra Rao) 19/4/16
CHAIRMAN

Reply to queries of M/s. Gaveshna Geosciences Pvt Ltd, New Delhi			
Sl. No.	**Subject Reference**	**Bidder's Query/Suggestion**	**Reply from NGRI**
1	Map of Area	The map of area is not clear. Instead, line coordinates would help to better understand the location in Google. The coordinates may kindly be supplied.	Co-ordinates will be ~~provided to bidder.~~ Hosted in the website.
2	Part II will be decided in due..... availability of funds	If so, then we have to wait for decision for Part-II even though Part-I is complete. Then, what will be the status of our first mobilization? Do we have to re-mobilize for Part-II? Will we be paid for second mobilization / demobilization?	Re-mobilization may be not needed as work pertaining to Part-I and Part-II will be taken up together and completed in single stretch. Further, the sentence ' ***The works pertaining to Part – I will be taken up immediately and Part II will be decided in due course of time based on availability of funds***" **stands deleted**
3	Regarding Public Liability Insurance	Kindly indicate, if there is any suggestive amount of such insurance coverage.	Amount can not be suggested. It is to be paid as per insurance policy
4	Regarding Family Pension Scheme	If the bidder is registered under EPF, his employee is already a member of three schemes - PF, Pension & Insurance. Do we need to provide a separate Family Pension Scheme to the employees?	Any employee of bidder shall be covered under EPF. Separate pension scheme is not necessary
5	Working by the side of Reserve	Intimation to / Permission from such authorities may be obtained beforehand so that they do not object to our working by the side of their area.	If Reserve forest/wild life sanctuary permission is not available, those shot points will be skipped.
6	Permissions from Statutory / Local Authorities	It is suggested that NGRI may please furnish prior intimation to district authorities via State Government about the proposed work, in order to avoid post mobilization hassles and delays in permissions.	NGRI has already intimated to Kutch district officials.
7	Mobilization Period of 15 days	A mobilization period of 15 days is not sufficient. It should be at least 30 days from the date of LOA. This is required in view of local permits and liaisoning.	Mobilization time agreed for 30 days.
8	Regarding Experimental Work	Will the experimental work / shots be payable to the bidder?	Payment will be made for experimental work also.

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9	Mobilization payment after completion of 25% of Part-I work	This is not acceptable. As per GCC Clause 1.4 / page 21, "Mobilization means the deployment of requisite crew & equipment, establishment of camp by the successful bidder". Also, by the same clause, "Certificate of Mobilization jointly signed by NGRI authorized representative and successful bidder shall be the proof of Mobilization". Once this is done, the mobilization process is complete, and the mobilization charges should become payable regardless of completion of a certain work.	Payment for mobilization will be made after completion of at least two days of seismic recording.
10	Liquidated Damage for Delay in Execution of Work	The Liquidated Damage for delay in completion should be levied only on the portion of work which remains uncompleted beyond the stipulated completion period. The LD for incomplete work should not be levied on the entire contract value.	OK
11	Regarding Charge Size	Approximately how much explosives shall be used per shot? Since the line is seen to traverse closer to many inhabited areas. At such locations, charge size needs to be reduced or the shot should be skipped for safety reasons. May please be clarified.	Charge size will be 40 to 50 Kg in each hole. However the final charge size will be decided after doing the experiment work.
12	Regarding Explosive Magazine	What will be the tentative location of Explosive Magazine? This is required for estimating van running expenditures.	Explosive Magazine site is near Bachchau Town (Village: Vondh)
13	Regarding Explosive Licenses	The bidder shall deploy shot firers with valid license for handling explosives. It is understood that the bidder is not supposed to possess licenses for explosive storage and transportation. May please be confirmed.	NGRI will obtain explosive storage magazine license.
14	Regarding Wireless Licenses	The bidder is not supposed to possess wireless license. May please be confirmed.	NGRI is having wireless license.
15	Regarding Line Length	It is understood that the line length of 380 km is the surface length (including tails), and not the full fold length (excluding tails). May please be confirmed.	Yes. This is the total line length consisting of 4 lines.

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Reply to queries of M/s. Sanjay Rock drills

Sl. No.	Bidder's Query/Suggestion	Reply from NGRI
1	What is the cost of Tender?	The cost of tender document is free. It can be downloaded from NGRI website.
2	What is the cost estimate of the work?	Can't be intimated.
3	How is the drilling condition like soft rock, hard rock or sand area?	As per general observation, sedimentary rocks mostly cover the Kutch region. Limestone, shale and sandstones are the common rocks. Rocky/Hard formations are also observed in few places in the area. However, the bidder shall have complete knowledge of the site conditions as per clause 4.8. As proposed, some of the area is also covered by hard rocks and so DTH rigs will be essential for this work.
4	Is there any hilly terrain on the line?	The hilly terrain may occur in one or two small patches.
5	Who will pay towards labour injury or death?	Bidder has to pay towards labour injury, death etc.
6	Who will pay compensation for land/house damage?	Bidder has to pay the compensation for land/house damage.
7	Is forest permission obtained?	Permission letters already submitted to forest department. If no permission is given, that portion will be skipped / realigned.
8	Is local body permission available?	Yes.
9	Who will provide labour safety kits like shoes, helmet, etc?	The bidder has to provide all the safety items.
10	Is the work will be taken up in single stretch? If long break is given, then there will be mobilization problem.	Yes.
11	What about security of ground electronics on seismic line during night time? How many people are needed?	Normally the ground electronics will be picked up in the evening after completion of that day work. If for any reason, the ground electronics are not picked up in the evening, night security has to be provided by bidder.
12	What will be the total seismic line length to shoot 40 shots? Will it be sufficient 100 labours to carry out the above work?	For recording 40 to 60 shots in a day, 16 to 18km of seismic line is required. It is sujessted to hire 120 labours to carry out the work.

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Reply to queries of M/s. Aquila Drilling (Pvt) Limited:

Sl. No.	Bidder's Query/Suggestion	Reply from NGRI
1	How many days are required for completing experiment work?	Two working days are needed for each Experimental studies. One or two experimental works are needed in each seismic line.
2	30 days mobilization period is needed.	Ok.
3	Whether firing cable will be provided.	Firing cable will not be provided. Detonators with 30m length of copper wire will be provided by NGRI.

Coordinates of four lines of Kutch work:

Line traverse from North to South

Sl. No.	Parts	Line No.	Start	End
1	Part I	Line 1	N 23°49'41", E 70°52'00"	N 23°27'56", E 70°55'40"
2	Part I	Line 2	N 23°55'58", E 70°37'36"	N 23°16'40", E 70°27'10"
3	Part II	Line 3	N 23°54'28", E 70°23'44"	N 23°13'50", E 70°16'35"
4	Part II	Line 4	N 23°59'19", E 69°43'31"	N 23°04'47", E 69°35'45"

19/4/16