

CSIR-NATIONAL GEOPHYSICAL RESEARCH INSTITUTE
Uppal road, Hyderabad – 500 007

No.55(04)2015-PUR/T-27

August 19, 2015

**Clarifications on the Pre-bid Conference held on 18/08/2015 at 10.30 A.M.
against tender No.55(4)2015-PUR/T-27
for providing Wire line Drilling, Coring, steel casing of two bore holes in hard rock
terrain in at Koyna-Warna Region Maharashtra.**

Sl. No.	Clarifications sought	Clarifications given by CSIR-NGRI
1	HQ drilling has been extended up to 1000m in place of 500m in the earlier tenders. PQ drilling is 100m as before. If HQ drilling is not possible up to 1000m then NGRI should permit for further drilling in NQ without deduction in rates.	If HQ drilling is not possible under justifiable reasons related to formation conditions, permission to change to NQ will be availed by driller from NGRI. Payments will be made as per actuals.
2	Unlike earlier tenders, no separate rates for casings have been asked but we propose to give rates for each size of casings used in the hole like PX, HX, NX and finally BX.	Rates for casings may be quoted separately per meter. Quotations for perforated casings should also be made. Casings, which get damaged or could not be extracted by driller are the responsibility of driller.
3	7 days period in each time for doing GP logging in HQ portion and again in the final hole in NQ portion is provided. There is also no mention about idleness charges, main machine is used for other than drilling activities or for more than provided time for GP logging.	More time will not be required, certainly beyond 10 days each time. Both the parties will accommodate penalty for reasonable delays on the side of driller and NGRI associated directly with drilling activity with complete transparency.
4	There is mention about provisions for providing all types of casings including perforated casings, Orientation if required, Hydrogeological tests etc. but no separate rates have been asked for these activities in the tender. So what will be their rates and whether this work is separate or included in the basic drilling rates. There is mention about cement grouting but no separate rate and whether it will be part of drilling including cost of cement etc.	Per meter quote may be provided separately for cementation-grouting, orientation, reaming, deviation tool measurements. This will be separate to the drilling-coring rates. Revised format for Schedule of rates is enclosed.
5	There is not enough clarity about land as to who will provide and bear its cost.	NGRI will demarcate the location and provide permissions from local authorities.
6	Tender has asked for 2 Drills to be deployed which will involve tremendous cost in Mob, de-mob, manpower and huge inventory. Time of completion is 5 months (sufficient	Only one drillrig will be used and drilling will be completed sequentially. The clause No. 11.12 of General Conditions of tender document stands deleted.

	for 2 simultaneous rigs but not enough for one rig to do both holes).	
7	Location of hole is not clear at all. My fear is that as per CSIR-NGRI's desire, the holes will be marked in the central zone of seismic activity and will naturally create problem for drilling due to fractures and water loss etc. faced in Udgiri hole.	Approximate locations are provided in attached map. Approximate expected thickness of basalts would be 900 m. Positions of boreholes are dictated by scientific requirements, availability of govt land and other logistics.
8	Maintenance of both the holes for 2 years period is going to be very costly and risky matter because if anything happens to the hole like collapse etc. then the rig will have to be re-mobilized with full equipment and the hole rectified which may not be possible in every case. Not only that, we have to maintain some sort of supervision and at least one rig for checking during this period as per their order. Contractor's actual work for these 2 years is not defined clearly.	During the two year period, 3-4 rounds of geophysical and hydrological (flowmeter, water quality, water sampling, temperature, pumping and tracer tests) measurements will be made in 1 or both boreholes. Each round of measurements will last around 2-3 weeks. Driller will be responsible for multiple water and/or air flushing of the boreholes for the proper conduction of this work, which will be done by NGRI and partners. One round of these measurements will be taken up immediately after completion of drilling, others during different parts of the annual seasonal cycle.
9	There must be scope and provision in tender document for mentioning deviations	Deviation Statement - as per format attached - to be submitted.
10	Mobilisation period to be extended to 4 weeks.	Mobilisation period extended to 4 weeks from the date of issue of contract.
11	Contract execution period to be extended to 8 months.	Contract execution period extended to 6 months.

PRICE BID - SCHEDULE OF RATES – Offer by Bidder

	Item	Rate per LM (in Rs.) in figures	Rate per LM (in Rs.) in words.
1.	Wireline drilling, coring, steel casing of two boreholes in hard rock terrain in Koyna-Warna region, Maharashtra, India; depths of boreholes upto 1500 m; Altitudes approximately 700-900 m Approximate sections of boreholes: PQ drill-core to 100 m HQ drill-core to 100-1000 m NQ drill-core to 1000-1500 m		
2.a	Casing		
2.b	Perforated Casing		
3.	Cementation, Grouting, Orientation, reaming, deviation tool measurements etc.,		
4.	Transportation charges for cores from site to Hyderabad		
	Taxes applicable		
	Grand Total		

Signature of authorized Person _____

Name of Signatory _____

Position _____

Date _____

Place _____

DEVIATION STATEMENT FORM

- 1) The following are the particulars of deviations from the requirements of the tender document and specifications:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATION)

Place:

Date:

Signature and seal of the
Manufacturer/Bidder

NOTE:

- 1) Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

Approximate locations map

