

**CLARIFICATIONS & MODIFICATION ISSUED TO
TENDER NO.55(06) 2016-Pur/T.71 dated 12.09.2016**

S.No.	Clause No./ Page No.	Existing Condition	Clarification/Amendment requested	NGRI's response
1	3. Instructions For Filling Bids, Page No 6	f) Bidder has to provide time for completion of Drilling. It is to be completed within 4 months from the date of contract, excluding 4 weeks of mobilization period.	Completion time to be 6 months from the date of contract, excluding 4 weeks of mobilization period. This is based on field & ground conditions and time required for testing in 2 wells 40-45 days & time required for inter-location movement from one borehole to another.	Time schedule modified as: drilling to be executed within a total of 3 months for each borehole, excluding mobilisation period of 4 weeks.
2	10. Performance Bank Guarantee (PBG), Page No 8	10.1 The successful bidder will have to furnish to CSIR-NGRI Performance Bank Guarantee for a sum equivalent to 10% of contract value from a Scheduled Bank in India. This Bank Guarantee shall be valid for a period of 12 months for Borehole I and for a period of 26 months for bore hole II from the date of completion of the contract	The reason of such a lengthy time validity of PBG is not justified. The validity of PBGs should maximum of 6 months for borehole-I & 9 months for borehole-II. Request revision of same by releasing PBGs after 6 months & 9 months respectively..	Conditions given in tender document to be followed, because the boreholes have to be safeguarded till measurements are completed.
3	Scope Of Work, Page No 12	4 rounds of water and air flushing would be operated for this borehole over a period of 1.5 years after completion of borehole at approximate intervals of 4 months.	The objective & methodology of flushing may please be explained so that to evaluate the requirement of equipment & cost. How long (no. of days) each round of water and air flushing will last?	Objective of flushing is to have a clear borehole without effect of drilling fluid for the purpose of scientific measurements and water samples. (i) Flushing by plain water has to be done after completion of HQ as well as NQ sections of each borehole for both boreholes as part of the drilling operation. Approximately 5-6 days will be required for completing the

				<p>measurements after each PQ and NQ sections.</p> <p>(ii) For the additional four rounds of flushing for Borehole II, flushing has to be done by both plain water and air with the help of water/air compressor, so that fresh water and air can reach to the depths of the drilled borehole and flush out any remaining cuttings and the drill mud. As repeated measurements for packer tests for hydrology for specifically identified zones would be required, each round of water and air flushing, which includes several times of air and water flushing with intermittent phases of measurement, is expected to take approximately 15 days.</p>
4	Schedule Of Rates, Page No 14	Casings PQ HQ NQ	Casings size should be revised to as per industry standard PQ - 7HW HQ -7NW NQ -7BW	Specifications given in tender document are as per our requirement and are to be followed
5	Does not exist			
6	Schedule of Rates, Page No. 14	Casings NQ-400m	The NQ or BW Casing required should be 1400 m instead of 400m as the casing has to be done from top to bottom of the	Casing may not be required for entire 1400 m. It remains 400 m as given in the Schedule of Rates.

			hole. This is to be applicable for both the boreholes.	Actual casing done will depend upon borehole conditions.
7	Schedule of Rates, Page No. 14	Perforated casing	Perforation! mesh size of casing needs to be specified.	Perforated casing with 16 mm hole size, 300 holes per m of casing is to be provided for HQ and NQ sections.
8	1.4 Contract Execution period, Page No. 19	Drilling should be done sequentially within a total period of two months from the date of award of contract, excluding the mobilization period.	Request to revise the total period to six months from the date of award of contract, excluding the mobilization period.	Time schedule modified as: drilling to be executed within a total of 3 months for each borehole, excluding mobilisation period of 4 weeks.
9	3.Drilling Metreage, Page No.20	3.2 The contractor liable to pay any compensation, damages or payment of whatsoever nature if CSIR-NGRI is not in a position to accept the entire number of holes on any day due to any reason whatsoever.	Irrelevant clause related to seismic survey. Request for deletion.	There is no seismic survey and this Clause is relevant. 3.2 modified as: The contractor is liable to pay any compensation, damages or payment of whatsoever nature if NGRI does not find a borehole acceptable. Moreover payment already made for an unacceptable borehole will be recovered.
10	3.Drilling Metreage, Page No.20	Borehole –II III- Remaining 15% of above and for 100% of additional 4 rounds of flushing, after successful completion of drilling – logging – measurements in the PQ, HQ and NQ sections and after completion of 4 rounds of additional water and air flushing.	The reason of with holding 15% of the payment for Borehole – II is not justified. Instead of with holding 15% of the payment for Borehole – II, NGRI may take 10% of the PBG against the rates quoted for 4 round of flushing. Payment for each round of flushing should be released within 30 days of completion of each flushing.10% of the PBG as proposed above for flushing should be kept as guarantee.	Conditions given in tender document to be followed, because the boreholes have to be safeguarded till measurements are completed. Purpose of PBG is different and cannot be linked.

11	6. Liquidation Damages For Delay In Mobilisation & Insufficient Progress of Work, Page No.20	6.2 Liquidated damages are applicable in similar way for insufficient progress of work and also completion of work within 2 months from the date of award of contract, excluding period of mobilization.	Request revision period to 6 months and LD not to be applicable in case work is not completed due to any reason not attributed contractor or force majeure conditions.	6.2 Modified as: Liquidated damages are applicable in similar way for insufficient progress of work and also non completion of work within 3 months for each borehole from the date of award of contract, excluding 4 weeks of mobilization. LD will not be applicable in case work is not completed due to any reason not attributed to the contractor or force majeure conditions.
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Further following modifications are also made to the tender document:

1.Modification in 4.1 RATES:

Include the phrase 'as per actuals for all aspects of operations'

Modifications in General Conditions of Contract, 1.4 CONTRACT EXECUTION PERIOD:

Modified as: drilling to be executed within a total of 3 months for each borehole, excluding mobilisation period of 4 weeks. The drilling for Borehole II will start after completion of HQ section in Borehole I.