

## **Timeline for completion of various process of outsourced drilling work**

1. Last date of submission of details of FSP item to be outsourced  
to Engineering Division for initiation of process  
(Geological details etc is to be provided by PSS division of the region) :31<sup>st</sup> January
2. Last date of submitting recommendation of Sr.PAC for approval :28<sup>th</sup> February
3. Last date of submission of Indent along with approved recommendation of  
Sr. PAC, by Engineering Division to APMD :15<sup>th</sup> March
4. Last date for Tender uploading by APMD : 5<sup>th</sup> April
5. Last date for tender opening : 5<sup>th</sup> May
6. Last date for Sr. TEC: : 20<sup>th</sup> May
7. Last date for opening financial bid : 5<sup>th</sup> June
8. Last date for Sr. TAC : 15<sup>th</sup> June
9. Last date for issuing Letter of Intent : 30<sup>th</sup> June
10. Last date for receiving acceptance and Bank guarantee : 5<sup>th</sup> July
11. Last date for issue of Work order : 10<sup>th</sup> July





Timeline		
(A) Last date of acceptance of L.O.I		5 <sup>th</sup> July
(B) Last date of completion of mobilization of rig and all accessories to borehole site	5 <sup>th</sup> August	Contract is liable to be terminated if rig and all accessories are not completely mobilized within one month, i.e. by 4 <sup>th</sup> September. Any extension of time limit / waiver of penalty is/are subject to discretion of regional H.O.D based on sufficient reasonable grounds which are beyond the control of drilling agency and assurance by the firm that work will be completed before the end of grace period admissible for the work.
Penalty for delay of up to 1 month	@0.1% per day	
(C) Last date of start of work	15 days from the date of completion of mobilization as specified at "B"	Contract is liable to be terminated if drilling operation does not commence within the prescribed time. Any extension of time limit / waiver of penalty are subject to discretion of regional H.O.D based on sufficient reasonable grounds which are beyond the control of drilling agency and assurance by the firm that work will be completed before the end of grace period admissible for the work.
(D) Last date of completion of work	30 <sup>th</sup> November	Any extension of time limit / waiver of LD are subject to discretion of regional H.O.D based on sufficient reasonable grounds which are beyond the control of drilling agency and assurance by the firm that work will be completed before the end of grace period admissible for the work.
Rate of LD for 01-12-2017 to 31-12-2017	@0.1% per day	
Rate of LD for 01-01-2018 to 31-01-2018	@0.2% per day	

### 9. Performance Penalty

**Pro-rata target** is 25% of total quantum for each month. Failure to achieve pro-rata target in two successive months is liable for **performance penalty** @10% deduction per meter shortfall. Eg. If shortfall is **X**m, and rate per meter is Rs.**Y**/-, then deduction = **X**x **Y** x10%

### 10. Reporting of daily progress

Daily progress shall be reported to the following authorized representatives through **sms** and **official email** as detailed below:

Project director (*Contact*) (*email*)  
Area Geologist (*Contact*) (*email*)  
Regional Drilling Head (*Contact*) (*email*)

11. Firm shall oblige the instructions of authorized representative of GSI in order to fulfill the objectives of investigation and shall deploy rigs as per borehole plan approved by GSI authorities. GSI reserves the right to modify the borehole locations, which were initially allotted to the firm, during the operation of the contract based on results of drilling. However, the overall area of operation shall not change. Such change in borehole location shall be notified to the firm well in advance to provide sufficient time for shifting of rig, accessories and before site preparation. In case of any period of delay caused on part of GSI regarding allocation of borehole, delay in geological / geophysical logging, that period shall not be counted for the purpose of imposing penal provisions. Field geologist shall ensure timely submission of borehole approval plan in order to obtain timely approval from competent authority. In any case, borehole should be released at least 10 days before the likely date of completion of the present borehole, which can be assessed from daily progress data and daily log.
12. For the purpose of payment for a borehole, a borehole will be considered complete only after successful geophysical logging carried out by GSI. The field geologist, in consultation with the firm, shall ensure to inform the geophysics division and RMH-II through email or otherwise, at least seven days in advance, to ensure timely geophysical logging of the borehole. In any case, geophysical logging shall be completed within three days of closure of borehole.
13. For the purpose of payment, the core recovery shall be minimum 95% in mineralized zone and minimum 90% overall. In case of poor core recovery due to geological factors beyond control and not feasible using the state of the art drilling technology, it has to be recorded by the field geologist and the Engineering head of the region subject to approval of the RMH-II, region, for relaxation in core recovery norms. This should be further supported by geophysical logging.
14. Certificate for completion of borehole shall be obtained from the Area Geologist, countersigned by the Project Director and the regional drilling head and enclosed in the bill for processing the bill in the format enclosed at **Annexure-A**.
15. After completion of borehole, it shall be properly plugged to avoid future mishap and certificate that the borehole has been properly plugged, shall be obtained by the firm.
16. Meters drilled for any abandoned borehole shall not be counted for the purpose of quantum of work mentioned in the tender and no payment will be made.

17. GSI reserves the right to decide on provision of additional borehole in lieu of any abandoned borehole.
18. Losses in terms of material or otherwise, incurred during drilling operation shall be the sole liability of the firm. Any accident, mishap, theft, improper conduct of crew etc. shall be the responsibility of the firm. Observing necessary safety measures and all laws of the land during the operation and the whole project shall be the responsibility of the firm at its cost. GSI shall not have any liability arising out of the work which is being carried out by the firm.
19. Any breakdown, major or minor, shall not entitle the firm any relaxation of timeline mentioned in the tender.
20. Firm shall provide and keep the core run-wise in 22 gauges GI core boxes with proper labeling and numbering of core boxes and preserve the core properly for the purpose of assessment by GSI authorized representative.
21. Firm has to arrange for transportation of core boxes. Core boxes with core shall be delivered by the firm to.....(*location*) which is approximately .....km from the drill site.

**BORE HOLE COMPLETION CERTIFICATE**

This is to certify that the exploratory core drilling of borehole number \_\_\_\_\_ for \_\_\_\_\_ block, district \_\_\_\_\_, State \_\_\_\_\_ commenced on \_\_\_\_\_ and concluded on \_\_\_\_\_ after attaining the desired depth of \_\_\_\_\_m. Core recovery in each run is satisfactory and as per tender specification.

The cores of Borehole no. \_\_\_\_\_ has been handed over and kept in GI core boxes as reported by the field geologist.

Borehole deviation tests at \_\_\_\_\_m, \_\_\_\_\_m and \_\_\_\_\_m has been completed by the firm and found to be within permissible limit.

(Representative of the firm)

(Area Geologist)

Name:

Name:

Designation:

*Countersigned*

*Countersigned*

(Project Director)

(Regional Drilling Head)

Name:

Name:

Designation

Designation