

**GOVERNMENT OF ARUNACHAL PRADESH**  
**OFFICE OF THE DIRECTOR**  
**CENTRE FOR EARTH SCIENCES AND HIMALAYAN STUDIES**  
(An Autonomous Organisation of Department of Science and Technology)  
Email ID: apceshs@gmail.com / tana.tage21@arn.gov.in  
ITANAGAR :: ARUNACHAL PRADESH

**NOTICE INVITING QUOTATION**

**NAME OF WORK – PRODUCTION BOREWELL DRILLING IN THE GEOTHERMAL PROVINCE OF ARUNACHAL PRADESH AT DIRANG UNDER WEST KAMENG DISTRICT. NIQ no. – CES-130/2024-25/433.. dated 01st April 2025**

**Details terms and conditions:**

1. The NIQ document may be obtained from the office of Centre for Earth Sciences and Himalayan Studies (CESHS), an autonomous organization under the Department of Science and Technology, Government of Arunachal Pradesh, located at 1st Floor Alexander House, Mowb-I, Opposite Indira Gandhi Park, VIP Road, Itanagar, Arunachal Pradesh – 791111.
2. The work is estimated to cost ₹ 20,00,000 This estimate, however is given as a rough guide.
3. The work shall be completed within 20 (Twenty) days from the date of the work order issued by CESHS. Any withdrawal after the opening of the quotation will disqualify the agency/firm from participating in future CESHS quotations.
4. All bidders must submit their quotation in hard copy, in a sealed envelope, to the CESHS office by a suitable means on or before 2 PM on 11.04.2025. Late submissions will not be entertained. Quotations received after the specified date and time will be rejected.
5. The bidders are required to quote for all items in the Bid of Quantity (BOQ). The bid shall be submitted in the original bid document (as issued by CESHS or downloaded from the website) with the name of the work clearly mentioned. Quoted rates should remain valid for 45 days from the date of quotation opening.
6. Quotations will be opened on the same day at 3:30 PM in the presence of the agency or their authorized representatives, if any. The bid must be commercially clear, including acceptance of all terms and conditions. CESHS reserves the right to accept or reject any quotation without providing any reasons.
7. Quotations with any conditions will be considered conditional and will be summarily rejected.
8. The quoted rates must include all costs, including materials, labor, GST, taxes, octroi, duties, and cost of samples. No additional payments will be made separately.
9. Bidders are prohibited from contacting CESHS regarding their bid from the opening of the bid until the issue of the work order. Any attempt to influence bid evaluation or award decisions will lead to the rejection of the bid.

10. The work will be carried out according to '**Bid of Quantity**', the latest Indian Standards (IS), and CESHS instructions when applicable IS specifications are unavailable.
11. The contractor/bidder must ensure that minimum wages are paid as per labour laws and safety measures are followed during work execution. The successful bidder will be solely responsible for adhering to safety norms and labour compensation.
12. The bidder must submit measurements and abstract sheets to CESHS for payment within 30 days from the completion of the work.
13. All materials used must comply with the approved make specified in the **(BOQ)**. Agencies must submit technical data for approval before commencing work. The successful bidder shall arrange all necessary tools and equipment required for the work, including electricity, at their own expense.
14. The drilling rates must include depreciation charges for all machinery, tools, equipment, transportation, installation, removal of drilling machines, water, drilling mud, fuel, labour, and any unforeseen expenses, as well as site clearance upon completion of the work.
15. The nominal diameter of the tube well shall be 8 inches for the entire depth, which may vary based on site conditions. The borehole will be covered with an MS sheet, and the number of MS sheet casings and slotted liners will depend on the borewell depth. Slotted liner pipes must be factory-manufactured.
16. Samples of soil and rock cuttings (minimum 100 grams) must be collected every 10 meters after the first 15 meters and at any change of strata. The samples must be labelled, packed, and handed over to the Site Engineer/Scientist in charge.
17. The contractor is liable for all risks, including accidents, jamming, or breakage of drilling tools. No extra payments will be made for such incidents. The contractor must also provide first aid facilities and ensure that safety measures, such as appropriate work attire, gumboots, helmets, and protective gear, are in place for workers.
18. If any tool or pipe falls inside the tube well, the contractor shall conduct the necessary fishing operation at their own cost. If the tube well becomes unusable, it will be considered abandoned, and no payment will be made.
19. The lowering and fixing of casing pipes must be carried out in the presence of an authorized representative. Casing pipes used in intertrappean formations must be welded. Slotted/screened pipes should be installed at the appropriate aquifer depth as per the site engineer's guidance. All casing assembly joints must be rigid, watertight, and sealed properly with a bail plug at the bottom.
20. No payment will be made for incomplete, non-vertical, or rejected tube wells. Final payment will be made only after the satisfactory handover of the tube well, based on the actual length of drilling, blank casings, and slotted pipes installed.
21. A mobilization amount of Rs. 4,00,000/- will be paid after the installation of the boring rig at the site. The project must be completed within 30 days from the date

of the contract signing.

22. All work must comply with the following Indian Standards (IS):
  - a. IS 2800 (Part I & II) – Construction & Testing of Tube Wells/Bore Wells
  - b. IS 4097 – Gravel for Tube Wells
  - c. IS 1239 – Mild Steel Tubes & Fittings
  - d. IS 12818 – PVC Screen and Casing Pipes
  - e. IS 4270 – Steel Tubes for Water Wells
23. Casing materials must be sourced from vendors approved by the Public Health Engineering Department or Water Resources Department, Government of Arunachal Pradesh.
24. The borehole casing should extend 2 feet above the ground, surrounded by a 2ft x 2ft cemented platform. The indicated drilling depth is approximately 150 meters but may be adjusted based on site conditions.
25. The contractor is not liable for borehole failure, dryness, or collapse during drilling. If the casing cannot be lowered, the employer will bear the full cost, including materials.
26. The contractor will not be responsible for the availability, quality, or quantity of water.
27. The contractor must arrange all necessary materials before commencing work.
28. The employer and contractor must work as a team to ensure the successful completion of the project.
29. The bidder/tenderer is encouraged to visit the project site and obtain necessary information related to the geological and environmental condition at their own risk and cost before preparation of the bid/tender.
30. Other details, information and documents to be submitted will be as described in the bidding/tendering document



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**BID OF QUANTITY**

NAME OF WORK - BOREWELL DRILLING IN THE GEOTHERMAL  
 PROVINCE OF ARUNACHAL PRADESH, DIRANG.

Sl.	Description	Unit	Qty.	Rate in words and Figures	Amount
1	Transportation				
2	Drilling of Bore Dia - 8"	meter			
3	Drilling of Bore Dia - 6"	meter			
4	Casing	meter			
5	Installation				

**Additional terms and conditions:**

Tender paper will be issued to prospective bidders provided they produce the following documents: -

- i. Experience certificate having successfully completed similar nature of work during last 3 (three) years as on the date of bid opening.
- ii. Copy of Valid GST Registration Certificate and latest GSTR 3B.
- iii. Copy of PAN Card & Latest Income Tax Clearance Certificate from the competent authority.
- iv. Copy of PRC / Domicile Certificate / Voter ID / Aadhar Card issued by competent authority.
- v. The prospective bidder shall have to make a declaration to be executed in an affidavit duly attested by Executive Magistrate / Notary that he/she is not engaged in three or more tender works under the State Government

Digitally signed by

Tana Tage

Date: 03-04-2025 16:56:37

Centre for Earth Sciences & Himalayan Studies  
 Government of Arunachal Pradesh