



## **EXPRESSION OF INTEREST**

Expression of Interest is hereby invited on Engineering, Procurement and Construction (EPC) contracts mode by Executive Engineer, AIIMS, Raipur on behalf of Director, AIIMS, Raipur for the work - **"Rectification of underground seepage and renovation of Lecture Theatre – 4 at Medical College, AIIMS Raipur"** from firm having expertise in this field with work experience and certificates of completed works. The agency will be selected and awarded on the ground of presentation, specification adopted, value of work, time duration for execution of work etc.

### **Engineering, Procurement and Construction (EPC) Contracts**

- (i) The Engineering, Procurement and Construction (EPC) (also called 'Design & Build' Contracts) approach relies on assigning the responsibility for investigations, design and construction to the contractor for a lump sum price determined through competitive bidding. The objective is to ensure implementation of the project to specified standards with a fair degree of certainty relating to costs and time while transferring the construction risks to the contractor;
- (ii) Unlike the normal practice of construction specifications, the technical parameters in the EPC Agreement are based mainly on output specifications / performance standards. Procuring Entity specifies only the core requirements of design and construction of the project that have a bearing on the quality durability, reliability, maintainability and safety of assets and enough room is left for the contractor to add value. The Contractor has full freedom to design and plan the construction schedule using best practices to achieve quality, durability, reliability, maintainability, and safety as specified along with efficiency and economy. Projects risks such as soil conditions and weather or commercial and technical risks relating to design and construction are assigned to the Contractor.
- (iii) Selection of the contractor is based on open competitive bidding. All project parameters such as the contract period, price adjustments and technical parameters are to be clearly stated upfront, and short-listed bidders are required to specify only the lump sum price for the project. The bidder who seeks the lowest payment is awarded the contract. The contract price is subject to adjustment on account of price variation during the contract period as per a specified formula.
- (iv) The selected Contractor carries out survey and investigations and also develops designs and drawings in conformity with the specifications and standards laid down in the Agreement. Procuring Entity's engineer (also called owner's engineer) reviews the design and drawings to ensure that these conform to the scope of the project, design standards and specifications. Any comments by the Procuring Entity on the design proposals submitted by the contractor are to be communicated in totality once in a time-bound manner as indicated in the schedule. The contractor is free to proceed with construction after the expiry of specified period in case no remarks/ clearances are given by the Procuring Entity;

- (v) The Contractor is liable to pay liquidated Damages for each day of delay beyond the specified date of completion, subject to the total amount of Damages not exceeding 10 (ten) per cent of the Contract Price. However, the Contractor is entitled to time extension arising out of delays on account of change of scope and force majeure or delays caused by or attributable to the Procuring Entity. Monitoring and supervision of construction are undertaken through Procuring Entity's engineer.
- (vi) Each item of work is further sub-divided into stages and payment based on output specifications and performance standard is to be made for each completed stage of work. Defects liability period of Five years may be specified in the Agreement in order to provide additional comfort to the Procuring Entity;
- (vii) The selected Procuring Entity's Engineer (Consultant) has to have good experience in design, project supervision and works management. The Procuring Entity organisation must have an experienced team with (works committee) to super check the quality of supervision exercised by the owner's engineer, including quality of design review, site supervision, quality audits, etc. Periodic audits of the Procuring Entity's Engineer functioning are desirable in ensuring that the Procuring Entity's Engineer carries out his tasks professionally;

For detailed scope of work, agency has to visit the site at AIIMS Raipur. The agency shall understand the existing state of the site and its surrounding. Following are the critical date for participation of agencies:

S.no	Description	Date
1.	Submission of Expression of Interest for participation with supporting documents (as per annexure A)	7 days from the date of upload in AIIMS Raipur website
2.	Power point presentation giving detailed idea of execution, plan and 3D View of site, preliminary estimate.	15 days from the date Submission of Expression of Interest
3.	Submission of detailed estimated based on CPWD's Delhi Schedule of Rate 2018 and market rate (Supported with analysis of rate based on CPWD pattern) detailed drawing design, sections and specifications.	10 days from the date of power point presentation.

Interested parties may visit AIIMS Raipur campus and submit interest with quotation including of all taxes on or before 23.12.2019 to the Office of Executive Engineer, Project Cell, Hospital Administrative Block, Gate No.-1.



Er. Manoj Rastogi

Executive Engineer (Civil)

All India Institute of Medical Sciences, Raipur

## Annexure- A

SCOPE OF WORK

## Brief description of site &amp; Scope of work:-

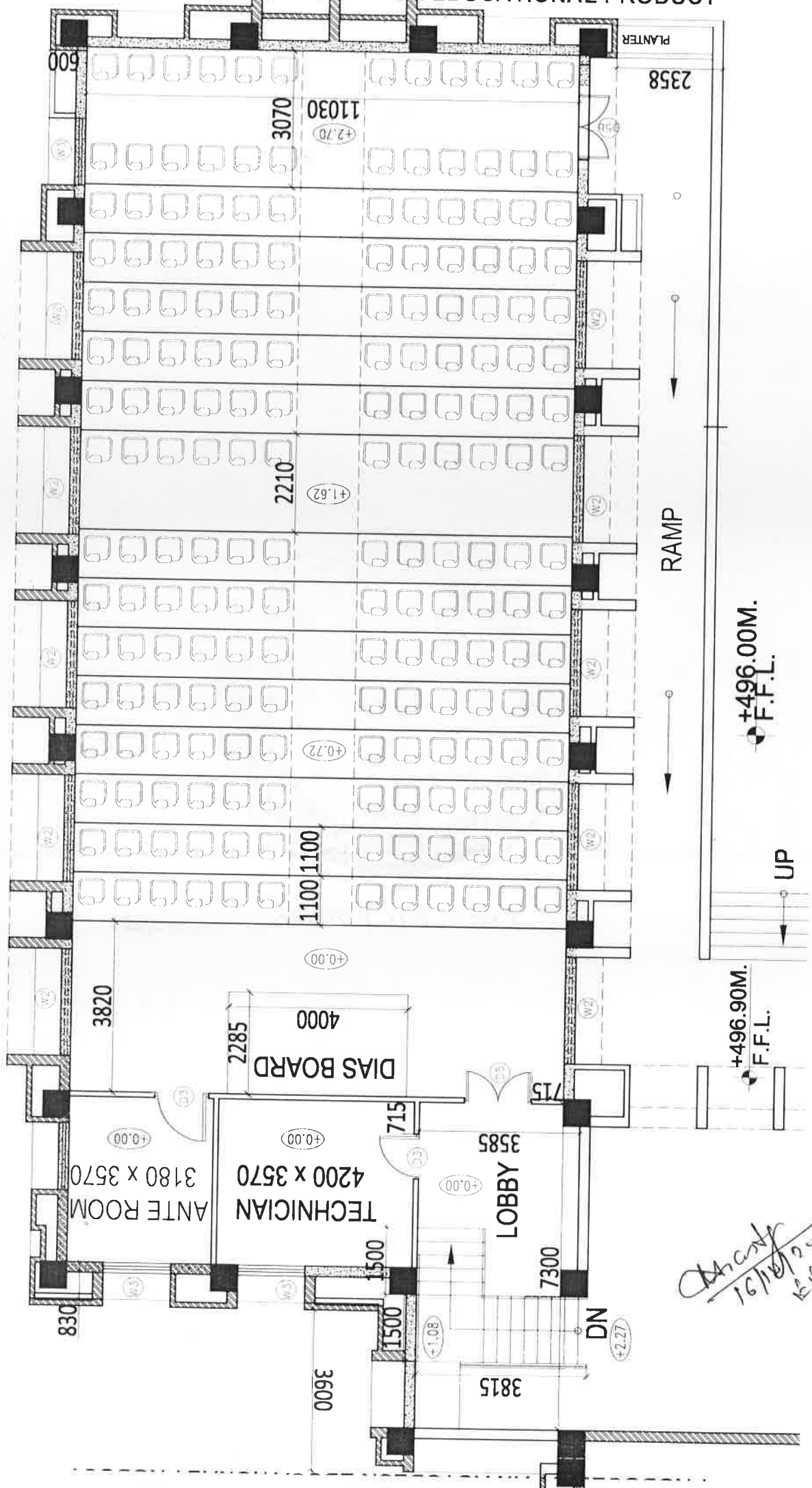
- 1) The Lecture Theatre is stepped construction with 196 seaters.
- 2) One stage is available.
- 3) Two adjacent rooms are available.
- 4) Stair is available from front side which is to be converted for physically disabled person also.
- 5) Ramp is available from rear side.
- 6) Chairs are fixed on stepped floor.
- 7) False ceiling is available.
- 8) HVAC system is available.
- 9) Electrical internal work is available.
- 10) Lecture theatre is already constructed and in use.
- 11) Architectural drawing is attached for ready reference
- 12) All the Chairs will again be fixed after Construction
- 13) If necessary false ceiling of same portions may be lifted upward.
- 14) For the projector necessary screen space to be available after construction.
- 15) Necessary Electrical fittings, LAN etc. may be shifted and re-fixed.
- 16) Wall tiles should be provided all-round the wall
- 17) EMD worth Rs. 50,000.00 is to be submitted by the interested agency in favour of AIIMS Raipur.
- 18) Performance Guarantee is to be submitted @ 5% of Contract amount after acceptance of bid.
- 19) Guarantee bond for water proofing in bond paper to be submitted for 10 years for which 5% amount will be deducted from the bill in which 2.5% will be released for satisfactory performance after 5 years and remaining 5% will be released work after 10 years.

  
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Executive Engineer (Civil)

All India Institute of Medical Sciences, Raipur





All Dimensions are in mm.

