

**E-Procurement Mode**

**Tender document for the Civil & Electrical associated works in  
ARIES Campus at Manora Peak & Devasthal , Nainital**



**Aryabhata Research Institute of Observational Sciences  
Manora Peak, Nainital- 263001, Uttarakhand**

**Estimated Cost: Rs 45.00 Lakhs**

**Earnest Money: Rs 1, 50,000.00**

## Index:

<b>Sl. No.</b>	<b>Subject</b>	<b>Page No.</b>
<b>1.</b>	<b>Schedule of tender</b>	<b>3-4</b>
<b>2.</b>	<b>Brief Scope of works</b>	<b>5</b>
<b>3.</b>	<b>Eligibility Criteria</b>	<b>5 -7</b>
<b>4.</b>	<b>Payment terms and condition</b>	<b>8</b>
<b>5.</b>	<b>General Terms &amp; conditions</b>	<b>9-13</b>
<b>6.</b>	<b>Special Terms and conditions</b>	<b>13-15</b>
<b>7.</b>	<b>Annexure I Schedule F</b>	<b>16</b>
<b>8.</b>		
<b>9.</b>	<b>Annexure III Performance Guarantee Format</b>	<b>18-19</b>
<b>10.</b>	<b>Annexure IV Undertaking</b>	<b>20</b>
<b>11.</b>	<b>Annexure V Earnest Money Deposit (EMD )</b>	<b>21</b>
<b>12.</b>	<b>Annexure VI Detailed Special Condition</b>	<b>22-25</b>
<b>13.</b>	<b>Contract Agreement Format Enclosure III</b>	<b>25-27</b>
<b>14.</b>	<b>Annexure Preferred Makes of Materials</b>	<b>28-34</b>
<b>15.</b>	<b>Financial Bid</b>	<b>35-41</b>
<b>16.</b>	<b>Related Drawings of works</b>	<b>42-45</b>

## Notice Inviting Tender (NIT) for

Item rate contract for the Civil & Electrical associated works in ARIES at Manora peak and Devasthal campus, Nainital, Uttarakhand.

The Director, ARIES, Nainital, invites online tenders from experienced civil contractors those who have experience to work in hilly regions and **Registered as contractors/firms Class 'A' or 'B' with CPWD/Uttarakhand State PWD or with other Central / State Government Offices for civil & electrical associated works** for ARIES at Manora Peak and Devasthal campus.

- a) Detailed Tender Documents may be downloaded from Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) and from ARIES website (<https://www.aries.res.in/>). **(The bid document consisting of specifications the schedule of quantities for the works of Civil & Electrical associated works and the set of terms and conditions of the contract to be complied with and other necessary documents).**
- b) **Tender to be submitted online only.**
- c) All details /document pertaining to the tender such as tender document, pre-bid report, corrigendum and any further updates will be available only on our website & also at CPP Portal.
- d) **No manual bid will be accepted. All quotations (both technical & financial) should be submitted in the e-procurement portal only.**
- e) ARIES, Nainital shall not be responsible for non-receipt of bid due to internet issues or any other reasons.
- f) The Director, ARIES, Nainital reserves the right to reject any or all tenders.
- g) Bidder may note that if the date of tender opening given in this Tender Document is declared to be a holiday, the tender shall be opened on the next working day at the same timing.

### Critical dates:

Publishing Date	03.07.2025
Document Download Start Date	03.07.2025
<b>Pre- Bid Meeting either in online or offline mode</b>	Will be intimated
Last Date & Time of Submission of Bids (Technical & Financial Bid)	Ref: As per the CPPP Portal (tender uploaded)
Opening Date & Time of Technical Bids Online	Will be intimated on CPPP Portal
Date and Time for opening of Financial bid	Will be intimated through online CPPP to Technically Qualified Bidder.

Earnest Money Deposit (EMD)	EMD Amount – Rs 1,50,000.00
Contact information & contact person for administrative queries:	<p>The Registrar Aryabhata Research Institute of Observational Sciences(ARIES), An autonomous institute under Department of Science Technology(DST), Govt. of India Manora Peak, Nainital - 263001, Uttarakhand, India <b>Tel:</b> +91-(5942) – 270729 <b>Website:</b> <a href="http://www.aries.res.in/">http://www.aries.res.in/</a> <b>Email ID:-</b> <a href="mailto:registrar@aries.res.in">registrar@aries.res.in</a></p>
Contact information & contact person for any technical queries:	<p>Sh. D.S.Negi Aryabhata Research Institute of Observational Sciences(ARIES), An autonomous institute under Department of Science Technology(DST), Govt. of India Manora Peak, Nainital - 263001, Uttarakhand, India <b>Tel:</b> +91-(5942) – 270729 <b>Website:</b> <a href="http://www.aries.res.in/">http://www.aries.res.in/</a> Email ID:- <a href="mailto:dnegi@aries.res.in">dnegi@aries.res.in</a></p>
Work delivery period	210 Days (from the date of signing of contract)
Bid validity	45 days
Product Category	Civil and Electrical related works
For taking technical assistance regarding online bid submission,	<p>CPP Portal Website: <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> Help Desk Number 0120-4200462, 4001002, 4001005 and 4001005.</p>

### **Brief Scope of works**

**Name of work: the Civil & Electrical associated works in ARIES at Manora Peak & Devasthal Campus, Nainital**

(Only for general reference and SOQ prevails over these provisions)

<b>Sl. No</b>	<b>Description of works</b>	<b>Time allowed in days/months</b>
<b>1.</b>	Construction of heat compressor platform for ILMT facility and related works at Devastal campus	<b>1 Month</b>
<b>2.</b>	Construction of platform for containers (Atmospheric lab and others) facility and related works at Devasthal campus.	<b>1 Month</b>
<b>3.</b>	Renovation of ARIES cooperative building at Manora Peak campus	<b>1 Months</b>
<b>4.</b>	Laying of electrical cables using DWC pipes, in the campus for residential area at Manora peak campus.	<b>1Month</b>
<b>5.</b>	Pointing work on old RR stone walls and associated related work at Manora Peak campus	<b>3 Months</b>

### **Eligibility Criteria:**

- The bidders shall clarify/state whether he/they has sufficient experience in similar job mention in NIT. The offers of contractors/ firms who are not doing similar nature of jobs will be summarily rejected.
- In support of experience mentioned in the technical bid, copies of successful completion certificates **of two similar works (Civil & Electrical works) costing Rs 25.0 lacs (Twenty Five Lakh)** each during the last three financial years from any State/Central govt. departments should be enclosed with the technical bid. For, the current financial year if completion certificate is not available, then bidder can enclose the certificate or copy of the orders received.
- Bidder must submit documentary evidence in support of above point in the form of certified copy of the work order, completion certificate, payment certificates/vouchers indicating the period of work for which the payment was made.

- d. In support of experience and work completion, if documents /certificate are not enclosed, the bid will be summarily rejected.
- e. **The bidder must submit all relevant documents as specified in the criteria of eligibility. Shortfall documents following the procedure specified in CPPP may be asked at the discretion of the competent authority to the satisfaction that it is essential and will not substantially delay the tender process.**
- f. **Bidder should have valid registration with Employees Provident Fund organization under “EPF and Miscellaneous Provisions Act, 1952: A copy of the same may be attached with the technical bid.**

### **Submission of Bids:**

- a. Bid should be submitted in two bids system containing two parts as detailed below:-
  - Part-I: **Technical bid** with bid security declaration.
  - Part-II: **Financial bid**

### **Note:**

- i. In financial bid, bidders should give rates, including all taxes. Tender not conforming to this requirement shall be rejected and no correspondence will be entertained whatsoever.
  - ii. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity, access, facilities for workers and all other services required for executing the work.
  - iii. The price Bid should be submitted online. ARIES authorities reserve the full rights to increase or decrease the quantities of items, at the time of award of contract and at any time during execution of contract period or extended period of contract as per its actual requirement.
  - iv. The Director ARIES, Nainital reserves the right “that it is not necessary that all the items will be executed in the said period of the contract and therefore the contractor has no right to claim for any works/item of works for the execution in the time period of contract or extended period of the contract.”
- b. The intending bidder shall have to furnish attested copies of the following documents with the technical bid.
    - i Proof of executing two civil works worth of the value 25.0 lakhs each in last three financial years (eligibility criteria mention in point C)
    - ii Copies of valid certificates of Income Tax clearance, Service Tax, PAN number, and any other tax applicable for the Last Three years.

- iii Details of contractor/firms/ company in case of partnership firms.
  - iv Copies of EPF & ESI registration details, if applicable.
  - v GST registration.
- c. No rates should be indicated in the Technical bid. The Technical bid documents including Bid Security Declaration as required in the tender document should invariably be accompanied with the Technical bid. **Tender without EMD / Exemption certificate will not be considered.**
- d. The bid document should be paged and a certificate to this effect must be provided on the covering letter indicating the number of pages submitted along with the bid.
- e. Taxes, Terms and conditions **for providing services for the civil & electrical associated works** are invariably indicated. **The rate inclusive of all taxes may be quoted in the financial bid online.**
- f. The bidder should furnish a certificate that the firm has not been blacklisted in the past by any government/Private institution. The bidder has to give an undertaking as given at Annexure-IV that there is no vigilance/CBI/FEMA case pending against the firm/contractor and the firm has not been blacklisted in the past by any Govt. or Private organization.
- g. The competent authority on behalf of the “**Director, ARIES, Nainital**” does not bind himself to accept the lowest or any other bid and reserve to itself the authority to reject any or all the bids received.
- h. Any bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate put forth by the bidders, shall be summarily rejected.

### **Award of work:**

This notice inviting bid shall form a part of the contract document. The successful bidders/contractor shall sign the contract within 5 days of issuing the work order from ARIES. The contract document will consist of:

- a. The NIT, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and
- b. Acceptance thereof together with any correspondence leading thereto.

## **Payment terms and condition:**

- a. Payment shall be released after the successful completion of the items of work and on receipt of bill after deducting TDS.
- b. Part payment may be released at the request of the contractor against part of the work quantity on arrival of the materials at the site and it will be adjusted on completion of 100% work completion of the said work duly accepted by the contractor while making final payment bill of the contractor.
- c. The works of the entire items shall have to be completed within the stipulated period. 100% payment will be made after supply, subject to submission of Performance Guarantee at the time of issue of order @ 5% value of work order (Value of the work order to be awarded).
- d. This guarantee shall be in the form of online submission to ARIES or deposit at call receipt of any scheduled bank/Banker's Cheque/Demand Draft /Pay order of any Scheduled Bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank in accordance with the prescribed form valid for 12 months. The security guarantee will be released after 15 months after full satisfaction of the work.
- e. The firm/contractor will have to complete the entire quantity of work at ARIES Campus at Manora Peak and Devasthal directed by the competent authority nominated by Director, ARIES. Loading/unloading of goods, transportation, delivery material up to the site of the work shall be the responsibility of the bidder and no extra cost should be quoted for the same. In case of delay on the part of the contractor's penalty @ 0.5% per week of the total value of work as billed will be deducted from the contractor's bill subject to maximum of 10% without any prejudice to other terms & conditions.



## General Conditions of contract:

- a. The contractor shall start the work after receiving duly signed work order, design/layout (if required) and the extenuated cost of the work. The above needs to be completed with the said estimated cost. However, in situation beyond the control of the contractor, written in the approval of the competent authority shall be taken.
- b. Deployment of manpower: Contractor should be qualified and well experienced to operate the all type of civil & electrical works and attend to the related works of such nature. Any other manpower required shall be made available by the contractor for proper functioning and will be in the scope of contractor. The contractor will employ a supervisor from his side to monitor and supervise day-to-day work and report to the concerned officer of ARIES. Proper supervision of contractor's has to be provided to oversee the whole work for the smooth operation and maintenance services as and when required shall be recorded in the MB/Log-Book.
- c. Terminology & scope for this project shall be as per CPWD Specification. For measurement CPWD specifications shall be followed. Where not available, BIS/Engineering practice as directed by the Engineer from ARIES shall be followed.
- d. All materials used on the works shall be new and of the best quality available, conforming to the relevant specifications and as per good engineering practice. Prior approval shall be obtained in writing from the Engineer of ARIES for all materials proposed and when necessary.
- e. Monitoring of Progress of work: The progress of work done by the contractor will be checked and monitored from time to time. Site inspection of work will be done at various stages.
- f. Measurement book: For recording of works related to civil & electrical, shall be provided and maintained by the Department i.e. ARIES, Nainital showing the complete working done. The same shall be duly signed by the contractor & In-Charge civil work before presented for the payment.
- g. Contractor is expected to furnish all labour & material in sufficient quantities at appropriate time, expedite and schedule the work to meet the work requirement and shall manage the operations that the work is completed within time as stated elsewhere.
- h. Contractor shall plan his work in such a way that items of work requiring presence of Engineer are carried out between 9 A.M. & 5:30 P.M. on working days.
- i. Completion certificate: On completion of these works if carried out at site during the contract, a certificate shall be furnished to the Engineer, by the Contractor, counter signed by the contractor/supervisor under whose direct supervision the work completion on the basis of this certificate the final payment shall be released after deductions as per rules.

## General Terms & Conditions:

- a. After awarding the contract, in case of non-supply of items for repairs within the due date i.e. within the date of delivery as well as non-completion of work with the date of stipulated period, the **Director, ARIES, Nainital** will have the right to impose penalty, as deemed fit LD.
- b. The Director, ARIES, Nainital shall be the final authority to reject full or any part of the payment which is not conforming to the specification and other terms and conditions.

- c. Bidders submitting tenders would be considered that they have accepted all the terms and conditions.
- d. **The volume of work quantizes, however, during the contract, it may vary either increased or decreased depending upon the actual the site requirement and conditions.**
- e. Any action on the part of the bidder to influence anybody in the Institute will be taken as an offence, he (they) will not be allowed to participate in the tender enquiry and their offer will not be considered.
- f. Work done should be conforming to the specifications as decided by the Competent Authority, material conforming to different standards.
- g. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site works for maintenance, the means of access to the site, the accommodation they may require and in general obtain all necessary information and other circumstances which may influence or affect their bid.
- h. Submission of a bid by bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done & local conditions and other factors having a bearing on the execution of the work.
- i. The execution of the work accordance in all respects with the specifications, designs, drawings and instructions of Competent Authority, be completed in the stipulated time as given in tender document.
- j. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be summarily rejected.
- k. The bidder shall furnish the following certificate to the ARIES, Nainital along with each bill for payment for the work done made against in Item Rate Contract Tender.

“I/We certify that the material put on the site is identical to the previous material as put there for construction and the bill be made including all costs of material and labor applied to the work under the contract. Up to date of bill/the date are submitted against the completion of work as per the currency of the tender/rate in the contract and at the rate quoted in the tender”.

- l. **Door Delivery:** The offer of the contractor should also include the cost of transportation of materials from their show room/ Go-down to aforementioned place and placement at the location indicated by the Competent Authority or engineer of ARIES.
- m. **Quality of goods & Works:** The firm/contractor will be entirely responsible for quality of items installed at any place and quality workmanship is required. The contractor should replace the rejected /damaged materials without involving any type of extra cost & repair the same and

- remove all sorts of debris materials from all the places and clean the floor walls etc. Contractor cannot deny any sort or kind of work i.e. repairs in lat./bath changing w/c, urinal pots etc.
- n. The work done should be as per the specifications as approved by the competent authority no defects should appear and the repair work should be done with quality workmanship to appear as good as in shape.
  - o. The performance guarantee deposit will be forfeited in case of violation of the terms and condition of the contract.
  - p. **The bidders are advised to see CPPP Website regularly as the Corrections /modifications in the Schedule of items, terms, conditions shall only be made through website at any time but before the last date of receipt of tender.**
  - q. The contractor shall not be permitted to bid for works in the ARIES Project, responsible for award and execution of contracts, in which his near relative is posted. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any staff of ARIES or working in the Department of Science & Technology (DST), GoI.
  - r. No Engineer of gazetted Rank or other Gazette Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service. (all engineering department or only civil)
  - s. The bid for the works shall remain open for acceptance for a period of Ninety (90) days from the date of opening of financial bid, if any bidders withdraws his bid before the said period or before issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the ARIES shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
  - t. Statutory liability will be dealt as per Govt. norms
  - u. Subletting of tendered work is not permitted to any other bidder.
  - v. In the event of any legal dispute under this agreement, the jurisdiction will be the court at Nainital.
  - w. **Engineer at Liberty to Object:**  
The Engineer shall be at liberty to object to and require the contractor to remove forthwith from the works any person provided by the contractor who, in the opinion of the Engineer, misconducts himself, or is incompetent or negligent in the proper performance of his duties, or whose presence on the site is otherwise considered by the Engineer to be undesirable, and such person shall not be

again allowed upon the works without the consent of the Engineer. Any person so removed from the works shall be replaced as soon as possible by a qualified person and approved by the Engineer.

**x. Safety, Security and Protection of the Environment:**

The Contractor shall, throughout the execution and completion of the works and the remedying of any defects therein:

- i) Have full regard for the safety of all persons entitled to be upon the site and keep the site (so far as the same is under his control) and the works (so far as the same are not completed or occupied by the Employer) in an orderly state appropriate to the avoidance of danger to such persons, and
- ii) Provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, (when and where necessary or required by the engineer or by any duly constituted authority), for the protection of the works or for the safety and convenience of the public or others.
- iii) Take all reasonable steps to protect the environment on and off the site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods.

**y. Damage to persons and property:**

The Contractor shall, except if and so far as the contract provides otherwise, indemnify the employer against all losses and claims in respect of:

**z. Accident or injury to workmen:**

ARIES shall not be liable for or in respect of any damages or compensation payable to any workman for death or injury resulting from any act or default of the contractor. The Contractor shall indemnify and keep indemnified ARIES against all such damages and compensation and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall take out appropriate insurance to cover workers, staff and particularly labors.

**Amicable Settlement of Dispute:**

The party shall use their best efforts to settle amicably all disputes arising out of or in connection this contract or the interpretation thereof.

The contractor has also comply the following:-

- That the normal functioning of ARIES activity is not affected as far as possible.
- That the work is carried out in an orderly manner without noise and obstruction to flow of traffic.
- That all rubbish etc. is disposed off at the earliest and the place is left clean and orderly at the end of each day's work.

- The Contractor shall ensure that his civil and electrical staff is qualified for their part of work. He shall be responsible for their conduct. The staff should behave in a courteous manner. The contractor shall be held responsible for any loss or damage to ARIES property.
- The contractor shall ensure safety of his workers and others at site of work and shall be responsible for any consequence arising out of execution of the Civil and Electrical work/job works.
- When instructed to do so, the contractor shall ensure proper record keeping and storing of irreparable/dismantled material.
- Water and electricity shall be his own arrangements by the selected contractor. The responsibility for following relevant rules, regulations and laws in this regard shall be entirely that of the contractor. The same be used carefully, any miss happening the contractor shall be solely responsible for that.
- **The water and electricity, if supplied by ARIES to the construction agency, the tap point will be provided at one point and the construction agency will pay 5% separately for (water and electricity) of the contract value towards the water and electricity advance amount @10% and the same shall be deducted from each running bill of the contractor.**

## **Special Teams and Conditions:**

### **• Engineer's Duties and Authority**

The Engineer shall carry out the duties specified in the Contract

### **• Custody and Supply of Drawings and Documents :**

The Drawings shall remain in the sole custody of the Engineer, but copies as required thereof shall be provided to the Contractor free solely for the purpose of this contract. The works are of civil & electrical therefore drawing will remain with the Engineer.

### **• Sufficiency of Tender :**

The Contractor shall be deemed to have based its tender on the data made available by the ARIES and on his own inspection and examination of the site conditions.

### **• Compliance with Statutes, Regulations :**

The Contractor shall conform in all respects, including by giving of all notices and the paying of all fees, with the provision of: (a) Any National or State Statute, Ordinance, or other Law, or any regulation, or bye-law of any local or other duly constituted authority in relation to the operation and Maintenance Work. (b) The rules and regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the Works, and the Contractor shall keep the Employer indemnified against all penalties and liability of every kind for breach of any such provision. (c) Any changes required for approval due to revision of the local laws.

### **• Extension of Time :**

Right to terminate the operation repair and maintenance contract by giving 15 days' notice at any time during the currency of the contract if the services of the agency are not found satisfactory. However,

ARIES reserves the right to extend the contract on written & mutual consent of contractor for an extended period at the same rates of earlier agreement.

• **Defect Identification and it's rectifications:**

The Contractor shall immediately attend the defects and complaints noticed at site as intimated by competent authority of ARIES. The Contractor shall provide and develop a system for regular operation, repair and maintenance of all the services which includes defects identifications and it's immediate rectification so, that services are not affected. It shall be the sole responsibility of the Operation and Maintenance agency that all the services are kept in functional condition round the clock during the currency of the contract.

• **Contractor's failure to carry out instructions :**

In case of default on the part of the contractor in carrying out repair and maintenance ARIES shall be entitled to employ and pay other persons to carry out the same and if such work, in the opinion of Director, ARIES or any person authorized by him, the contractor was liable to do at his own cost under the contract, then all costs consequent thereon or incidental thereto shall be determined by the engineer and shall be recoverable from the contractor by ARIES.

• **Measurement**

**Certificates and payments as prescribed forms and running account:**

- ✓ The Contractor shall submit a bill prescribed form of running account in 3 copies to the Engineer of ARIES by 7<sup>th</sup> day for the work executed in tabulated form approved by the Engineer, showing the amounts to which the contractor considers himself to be entitled.
- ✓ The measurements recorded will be signed by the contractor or its representative as a token of acceptance of the measurements.
- ✓ Details of defects/complaints attended and rectified within time.
- ✓ Details of complaints attended late.
- ✓ Attendance details of the manpower deployed during the work.

**Computerized Measurement Book:** - All measurement of all items having financial value shall be entered by the contractor and complied in the shape of the Computerized Measurement Book having pages of A-4 size as per the format of the department so that a complete record is obtained of all the items of works performed under the contract. All such measurements and levels recorded by the contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer- In-Charge or his authorized representative as per interval or program fixed in consultation with Engineer-In-Charge or his authorized representative. After the necessary corrections made by the Engineer-In-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-In-Charge for the dated signatures by the Engineer-In-Charge and the contractor or their representative in token of their acceptance. Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked from the Engineer-In-Charge and/ or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/tests checks in his draft computerized measurement book, duly bound, and with its pages machine numbered. The Engineer-In-Charge



and/or/his authorized representative would thereafter check this MB, and record the necessary certificates for their checks/tests checks. The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or over-writing in the measurements would thereafter be allowed. The contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the various officers of the department. The contractor shall also submit to the Department separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the "bill". Thereafter, this bill will be processed by the Office and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements.

- **Deduction of Income Tax**

The amount to be deducted towards the in compliance of income tax, laborers etc. shall be at the rate applicable.

- **Performance Guarantee**

The performance Guarantee can be encased by ARIES to recover any amount which is payable by the contractor to ARIES on any account for a cause arising out of the contract.

- **Final Certificate**

Within 28 days after receipt of the final statement of each work order and the written discharge, the Engineer shall issue Final Certificate stating: The amount which, in the opinion of the Engineer, is finally due under the Contract

- **Default of Contractor**

- ✓ If the performance of the contract and is not satisfactory and not corrected within 15 days of receiving notice, then employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor.
- ✓ In the event of termination of the contract, employer shall be at liberty to get balance work done at the risk and cost of the contractor and due payment of the contractor, if any, shall be released after the completion of whole of the works.

**Proforma of schedules (as per CPWD)****Schedule 'F'****General rules & directions:**

Officer inviting tender	:	<b>Registrar</b>
		<b>ARIES, Nainital</b>
<b>Definitions</b>		
2(v) Competent Authority	:	<b>Director/Registrar</b>
2(viii) Accepting Authority	:	<b>Director, ARIES, Nainital</b>
2(x) Percentage on cost of materials and		
Labour to cover all overheads and profits	:	
2(xi) Standard Schedule of Rates	:	<b>DSR 2023 &amp; up to date.</b>
9(ii) Standard CPWD Contract Form	:	<b>GCC 2010, CPWD Form 7/8.</b>

Incorporating Amendments up to date.

**Clause 1**

- a. Time allowed for submission of Security cum  
Performance Guarantee from the date of issue  
of letter of acceptance : -- Within 5 days para 8 (iv) page 8
- b. Maximum allowable extension beyond the period provided in (i) above  
: 5 days.

**Clause 2**

Authority for fixing compensation under

Clause 2 : **Director, ARIES, Nainital****Clause 10B (ii)**

Whether Clause 10 B (ii) shall be applicable : No

**Clause 11**

Specifications to be followed for execution of work: **CPWD Specification 2009, Vol-I & II with upto date correction slips 100%**



**Particular Specifications and Special Conditions**

- a. Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders
- b. **Terms & conditions:** Terms & Conditions as set out in this tender document shall have to be complied with by the tendering firm/contractor. Offers not complying with such terms & conditions shall be ignored / rejected at the discretion of tendering Authority.
- c. **Prescribed forms:** Tenders of firms received through online in the format prescribed in this tender document shall only be considered. Offers received in other prescribed format shall be ignored and no correspondence in this regard will be entertained. Telegraphic/Telex/Fax/ Email/ Letterhead/Quotations will not be accepted and ignored straightaway.
- d. Bidders are requested to quote their rates on f.o.r. destination (ARIES campus at Nainital and Devasthal) basis (free delivery to the consignee's premises & place of work site).
- e. **Inspection:** The inspection of the work execution and materials shall be carried out by authorized person of ARIES, Nainital at the work sites daily, the contractor's employees must comply the orders of that.
- f. **Handling and Stacking:** It is contractor's responsibility for Material protection brought by him for the work against any damage during transportation & carrying out the works. The loading and unloading shall be carried out with utmost care. On receipt of materials at site, they shall be carefully examined to detect any damaged pieces. Arrangements shall be made for expeditious replacement of damaged pieces i.e. the contractor shall never use the damaged material if seen the same has to be removed and replaced without any extra cost.
- g. If required / felt by ARIES, Nainital a tender evaluation committee / purchase committee shall examine the tender rates, analyses and compare the rates quoted by bidders and shall decide the tender
- h. The Tendered rates have to be quoted in MKS (SI) units only.
- i. 10 CA, 10 CC and other escalations clauses during the contract period are not applicable.
- j. The ID proof of all the working persons shall be submitted by the contractor to the Competent Authority of ARIES. If the contractor at any time changes the staff he shall (they should) take the approval of the Competent Authority.
- k. No extra lead & lift shall be paid.

**Form of performance guarantee (bank guarantee)**

**WHEREAS, contractor..... (Name of contractor) (Hereinafter called "the contractor") has submitted his tender dated ..... (date) for the ..... Civil & Electrical works..... (name of work) (hereinafter called "the Tender")**

KNOW ALL PEOPLE by these presents that we ..... (name of bank) having our registered office at ..... (hereinafter called "the Bank") are bound unto Registrar, ARIES, Nainital (hereinafter called "the Competent Authority") in the sum of Rs. .... (Rs. in words ..... ) for which payment well and truly to be made to the said Competent Authority the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this ..... day of .....20.....

**THE CONDITIONS of this obligation are:**

- If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- If the contractor having been notified of the acceptance of his tender by the Competent Authority:
  - (a) Fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required; OR
  - (b) Fails or refuses to furnish the Performance Guarantee, in accordance with the ..... provisions of tender document and instructions to contractor, OR
  - (c) Fails or refuses to EXECUTE THE WORKS the items, in accordance with the provisions of the contract and Instructions to contractor, OR
  - (d) Fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Competent Authority up to the above amount upon receipt of his first written demand, without the Competent Authority having to substantiates his demand, provided that in his demand the Competent Authority will note that the amount claimed by his is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date\* .....after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended

by the Competent Authority, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE .....  
BANK

SIGNATURE OF THE

WITNESS .....

SEAL

(SIGNATURE, NAME AND ADDRESS)

\*Date to be worked out on the basis of validity period of 12 month from last date of receipt of tender.

**Undertaking**

I,.....S/o .....

R/o .....do hereby solemnly affirm as under:-

- That I am a Contractor / Partner / Proprietor / Authorized representative of M/s .....
- That the Contractor / firm has not been black listed in the past by any government / private / organization.
- That the Contractor / firm has no vigilance case/CBI/FEMA case pending against him.
- That the Contractor / firm is not doing the Repair & maintenance works at the lower rate quoted in the tender in any Govt. organization or any other institute.

**Signature & Seal of the bidder(s)**

**Tender No: \_\_\_\_\_ For**  
**Providing Services for the Civil and Electrical associated related works at ARIES Campus.**

- I/We hereby submit our tender for theafore said mentioned works.
- I/We now enclosing herewith the Bank Guarantee/D.D. No.-----dated ----- For **Rs, 1.50.000/- (Rupees One Lakhs Fifty Thousands only)** drawn in favour of the “**Director, ARIES, Nainital**” towards **EMD (TENDERS NOT ACCOMPANIED WITH EMD ALONGWITH THE TECHNICAL- BID SHALL BE SUMMARILY REJECTED).**
- I/We hereby agree to all the terms and conditions, stipulated by the ARIES,Nainital in this connection including delivery of materials installation and execution of works etc.
- I/We have noted that overwritten entries shall be deleted unless duly cut & re written and initialed.
- Tenders are duly signed (No thumb impression should be affixed).
- I/We undertake to sign the contract/agreement, if required, within 5 days (Five days) from the date of receipt of the letter of acceptance, failing which our/my Earnest money deposited may be forfeited and our/my name may be removed from the list of contractors at the ARIES, Nainital.
- In case tender documents are downloaded from ARIES website by the firm then following certificates should also be signed by the bidder – “Certified that we have downloaded the tender document from ARIES website and for any difference in contents from original document we shall be fully responsible and understand that rate contract awarded, if any, may be terminated by ARIES on this account.

We agree to keep the tender open for Ninety (90) days from the due date of its opening/ninety days from the date of opening of financial bid in case tenders are invited on 2 envelop system (Strike out as the case may be) and not to make any modification in its terms and condition.

**Note: all terms & conditions such as taxes etc, has been indicated in the tender failing which it will be presumed that the rates are inclusive of all taxes and other terms and conditions are also as per your requirements.**

**Yours faithfully**

**Signature of the bidder with full Address.**

**WITNESS** \_\_\_\_\_

**WITNESS** \_\_\_\_\_

**Bid Security Declaration Form**  
**(To be given on Company Letter Head)**

**Tender Ref No.** \_\_\_\_\_ **Date:** \_\_\_\_\_

To,

The Director,  
ARIES, Manora Peak,  
Nainital -263001

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one years from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because of

- a) withdrawal/modification/amendment, impairment or derogation from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the receipt of your notification of the name of the successful Bidder. In case, the successful vendor withdraw or modify their bids during period of validity etc, they will be suspended for the one year.

Signed: (put signature of person whose name and capacity are shown) in the capacity of  
(insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

**f. Technical bid (part “a”)**

**Brief description of the firm/contractor**

(With an outline of the experience of the firm for similar works during last three years )

Year of registration	Type of firm/contractor Individual/Proprietary/Limited Company or any other)	Experience	Man power available	No of works in hand. Details be given on separate page.	Remark

**g. Experience of company**

Note: Please attach supporting documents (completion certificates along with order copies) for the above inform

Sl.no	Name of work location	Owner of organization	Cost of work in Lakh	Date of Commencement as per Contract	Stipulated date of completion Actual date of completion	Name and address/telephone number, email of officer to whom reference may be made	Remarks

**The information may be given in separate sheet.**

(Experience of relevant and similar work Civil and Electrical associated related works completed during last three years commencing 2020-21, 2021-22 & 2022-23 and 2023-24 for any ongoing works). Use separate sheet for each work.

- Project title & Location:

- Name of the Client and Address:
- Describe area of Participation (Specific Work done/Services rendered by the applicant) •Period of Work Done/Services rendered for the project
- Total cost of work
- Date of start of the work and the present status.
- Any other details.
- 

**Note:-**

Supporting documents like certificates from the client in support of each of the above Projects to be furnished if available.

**Enclosure-I**

**Complaint registration form (For repair works) :**

Sl no	Date	Time	Complaint Name	Signature	Complain Attended	Date	Time from to	Complaint	ate

**Contractor certificate that the complaint has been successfully attended.**

**Enclosure-II**

**Maintenance complaint register:**

S.No	Nature of complain	Complain attended	Date	Time	Remark & Sign.	No. Days of work	Contractor Signature.	Remark

- The contractor is responsible for cleaning the area where the job is completed.
- After completion of the repair work the debris be kept away at the place suggested by the competent authority. Similarly the serviceable material shall be deposited in the stores by contractor. In case the contractor fails to comply the above conditions of the contract, Competent Authority shall have a right to get this work done at the cost of contractor or any other agency or departmentally after issuing ten days' notice to the contractor.



- In repair work the contractor should purchase only that particular part to change instead of changing the whole equipment/item.
- Before changing the materials in residential or in any building in ARIES the contractor should confirm in consultation with Competent Authority that the part or repair is essential.
- The contractor or his workers should behave in proper and remain disciplined with the ARIES officials during the job/work. If found reported misbehaving residents/officials the contract is liable to be rejected.
- There should not occur any theft during the course of repair works/ any work.
- The contractor should take a completion certificate from the concerned authority when the work is completed as prescribed in GFR 132 by him and maintain a register showing the complete details of the repair work/any work with place of work & date of repair. This register be maintained daily.

### **Enclosure III:**

#### **Contract Agreement Format (draft)**

#### **(To be made on Rs 100.00 Non Judicial Stamp paper) agreement**

This agreement is made at Nainital on the day..... of..... Two thousand eighteen between the Director Aryabhata Research Institute of Observational Sciences, Manora Peak, Nainital - 263001 **I acting through Registrar, Aryabhata Research Institute of Observational Sciences, Manora Peak, Nainital, having its office at Manora Peak, Nainital - 263001** (here in after called '**Client**' which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors, legal representatives and assigns) of the **First Part**.

#### **SECOND PART**

M/s/contractor.....having its registered office at.....(herein after called the '**Agency**' which expression unless repugnant the context shall mean and include its successors-in-interest assigns etc.) of the Second part.

Whereas the '**Client**' is desirous to engage the '**Agency**' for providing the Repair & Maintenance Civil works for ARIES at Manora Peak and Devathal, Nainital on the terms and conditions stated below.

- The Agency will be solely responsible for compliance to the provisions of labour, industrial and any other Laws applicable and all statutory obligations, such as, Wages, Allowances, Compensations, EPF, Bonus, Gratuity, ESI, etc relating to personnel deployed at **ARIES, Manora Peak, Nainital site**. The '**Client**' shall have no liability in this regard.
- The Agency shall be solely responsible for any accident / medical/ health related liability / compensation for the personnel deployed by it at ARIES, Nainital sites. The '**Client**' shall have no liability in this regard.
- Any violation of instruction / agreement or suppression of facts will attract cancellation of agreement without any reference or any notice period.

- In case of non-compliance with contract, the 'Client' reserves its right to:
- Cancel / revoke the contract; and / or
- Impose penalty up to 10% of the total value of the contract.
- Payment shall be released after the successful completion of the items of work and receipt of bill after deducting TDS as per Income tax Rules and any other deductions as per Government rules. Part payment can be released against part of work quantity of the Items at the request of the contractor duly recommended by Competent Authority and it will be adjusted on completion of 100% work completion of the said work duly accepted by the contractor while making final payment bill of the contractor; however the works of the entire items shall have to be completed within the stipulated period. 100% PAYMENT WILL BE MADE AFTER COMPLETE WORKS, subject to submission of Performance Guarantee at the time of issue of order @ 5% value of work order (Value of the work order to be awarded). This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's cheque/Demand Draft /Pay order of any Scheduled Bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank in accordance with the prescribed form valid for 15 months. Otherwise, 95% payment will be released and 5% payment/ (or security guarantee if submitted) will be released after 15 months after full satisfaction of undersigned.
- Performance Guarantee will be released only after the successful completion of work plus the main defect liability period 3 months after full satisfaction of the Authority. Performance Guarantee will be forfeited in case the services of the contractor are unsatisfactory or in case of violation of the terms and condition of the contract.
- The Agency shall be fully responsible for timely payment of wages and any other dues to the personnel deployed by it at ARIES, Manora Peak or Devasthal site.
- The Agency also agrees to comply with annexed Terms and Conditions and Amendments thereto from time to time.
- Decision of Client in regard to interpretation of the terms and conditions and the Agreement shall be final and binding on the Agency.
- The Agency shall ensure full compliance of the Tax Laws of India with regard to the Contract and shall be solely responsible for the same. The Agency shall keep Client fully indemnified against liability of tax, interest, penalty etc of the Agency in respect thereof, which may arise.
- In case of any dispute between the Agency and Client, Client shall have the right to decide. However all matters of jurisdiction shall be at the local courts located in Nainital District.

Signature/Seal of Client

Seal/ Signature of Agency.

This Agreement will take effect from .....day of.....Two thousand fourteen, and shall be valid for ONE Year.

In Witness whereof both the parties here to have caused their respective common seals to be hereunto affixed / (or have hereunto set their respective hands and seals) the day and year mentioned above in Nainital in the presence of the witness.

For and on behalf of the Agency  
Signature of the authorized Official

For and on behalf of the ARIES, Nainital  
Signature of the authorized Official

Name of the official

Name of the Official

Stamp /Seal of the  
Signed Sealed and DELIVERED  
By the said.....  
Name,,,  
On Behalf of the Agency  
the presence of  
Witness  
Name.....  
Address.....Address.....

Stamp/ seal of the Client  
Signed Sealed and DELIVERED  
by the said.....  
Name.....  
on behalf of the ARIES, Nainital In  
in the presence of  
Witness  
Name.....  
Address.....

.....

.....

**PREFERRED MAKES OF MATERIALS FOR CIVIL WORKS**

Preferred makes of material to be used in the work are as under. In case of non-availability of these makes, the in-charge civil works may allow use of alternative BIS makes of materials in the work, None BIS marked material may be permitted by the In-charge civil works with prior approval of ARIES Accepting authority.

Ser No	Material	List of Approved Make
1.	(i) Ordinary Portland Cement/Portland Pozzolona Cement.	ACC,Ultratech, Ambuja Cement, J.K. Cement, Century Cement, Shree Cement, Jaypee Cement, Vikram Cement
	(ii) White Cement	Birla White, J.K.White
2.,	Reinforcement Steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd (RINL), JSW Steel Ltd, Jindal Steel & Power Ltd.
3.	Water Proofing Compounds, Admixtures, Plasticizer, Super Plasticizer, Curing Compounds	Fosroc, ROFF/Dr Fixit (Pidilite Industries), CICO, Silka, BASF, Ardex Endura (Bal Endura)
4.	Integral Water proofing compound with cement (For Plaster & Mortar)	Fosroc : Conplast 421 Dr. Fixit : LW+ Sika : Sikacin Asian Paints : Smart care vitalia & equivalent product of BASF, CICO, Ardex Endura
5.	Water proofing for bathroom/toilet/balcony & other wet areas	Fosroc : Brush Bond CICO : Tapecrete Dr. Fixit : Pidilite 2K Sika : Nito Bond Asian Paints : Damp Block 2 K & equivalent product of BASF, Ardex Endura
6.	Crystalline water proofing compound	Fosroc : Fosroc Crystalline Dr. Fixit : Dr Fixit Crystalline Sika : Sika Crystalline Asian Paints : Crrystalline Quart & equivalent product of BASF, CICO, Ardex Endura

7.	Grouts, Tile Adhesive	Latecrete, Kerokoal, BASF, Ardex Endura, Ferrous Crete, Pidilite.
8.	Stone Adhesive	Pidilite-Fevimate excel, BASF, Ardex Endura, MYK Laticrete.
9.	Structural steel	SAL, Tata Steel, Rashtriya Ispat Nigam Ltd (RINL), JSW Steel Ltd, Jindal Steel & Power Ltd.
10.	Polycarbonate Sheet	GE Plastic, LEXAN, Bayers
11.	Profile steel sheet	Ezydeck of TATA, Lloyd Superdeck, JSW/Jindal
12 .	Sandwich Profile panel	Lloyed, Synergy, Metclo(Note : Profile steel should be of make Tata/Jindal/JSW).
13.	Particle board	Action TESA, Greenlam, Merino.
14.	Laminates	Action TESA, Greenlam, Century Ply, Merino, Sunmica.
15.	Flush door shutters	Duro, Century, Durian, Green ply.
16.	Fire rated Doors	Singnum Fire Protection, Shakti Metdoor, NAVAIR, Sukri, Promat International
17.	False ceiling System	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite,Durlum.
18.	Plywood/Veneer	Green ply, Century, Merino, Duro Durian
19.	Melamine Polish	Asian Paints Melamine Gold, Wudfin of Pidilite, Timbertone of ICI Dulux.
20.	Floor Spring & Door Closure	Godrej, Dorma, Dorset, Kich.
21..	(a) Aluminium Section	Hindalco, Jindal, Indian Aluminium co.
	(b) Anodised Aluminium Hardware (Heavy Duty)	Kilong, Alualpha, Classic, Ebco.
22.	Clear/Float/Frosted/Toughen Glass/Refractive Glass	Saint Gobain, AIS, Modiguard, Ashai Float.
23.	Stainless steel railing, Accessories etc.	JINDAL, Dorma, Kich, GEZE, Godrej.

24.	S.S Door & Window & Fittings	Jindal, Dorma, Kich, Doorset, Godrej, Ozone.
25.	Silicon based water repellant/weather sealant	G.E Plastics, Dow Corning, Wacker, BASF, Pidilite (Dr. Fixit/Roff)
26.	Poly-Sulphide Sealant	Fosroc, Pidilite (Dr. Fixit/Roff), Sika, BASF
27.	Mosaic Tiles/Chequered Tiles	Ultra Tiles, NITCO, Hyper (Mayur), Pavcon
28.	Ceramic Tiles	Kajaria, RAK, NITCO, Johnson, Marbitto, AGL (excluding Bonjar tile)
29.	Vitrified Tiles (Antiskid/Matt/Glazed) (Only double charged vitrified tile permitted).	Kajaria, RAK NITCO, Johnson, Marbitto, AGL (excluding Bonjar tile)
30.	Paver block & Kerb Stone	Pavcon, Hyper Tiles/Dynamic Industries/Mayur, KK, Power, Sharda, Navya.
31.	Dash/Anchoring Fasteners	HILTI, Fischer, Bosch, Wurth.
32.	Cement Based Wall putty	Birla wall care, JK White, Berger, Asian Paints.
33.	Oil Bound Washable Distemper/Dry Distemper	Asian Paints : Professional Acrylic Distemper. Nerolac : Beauty Acrylic Distemper Berger : Bison Acrylic Distemper Dulux ICI : Maxilite
34.	1 <sup>st</sup> Quality Acrylic Distemper (washable/Ready mix/Low VOC)	Asian Paints : Tractor Aqua Lock Paint Berger : Commando Or equivalent paints of Nerolac or ICI-Dulux.
35.	Acrylic Emulsion Paints	Asian Paints : Professional Premium Interior Emulsion Paint Nerolac : Beauty Gold Berger : Rangoli total care, ICI-Dulux : Super Cover
36.	Plastic Emulsion Paint	Asian Paints: Apcolite Heavy Dty Premium Emulsion Paint Nerolac : Impression Berger : Easy Clean ICI –Dulux 3 in1

37.	Premium Acrylic Emulsion Paints (Interior)	Asian Paints : Royale Luxury Emulsion Nerolac : Impression Berger : Silk ICI Dulux : Velvet touch
38.	Textured Paint (External & Internal)	Asian Paints, Nerolac, Berger Paints, Ultratech Paints Luxture,
39.	Acrylic smooth Exterior Paint	Asian Paints : Apex/Professional Premium Exterior Emulsion Nerolac : XL Berger : Weather Coat ICI-Dulux : Weather Shield
40.	Premium Acrylic Smooth Exterior Paint with silicon additive.	Asian Paints : Apex Ultima Nerolac : XL Total Berger : Weather Coat all guard ICI-Dulux : Weather Shield max
41.	Synthetic Enamel Paint	Asian : Apcolite Premium gloss enamel, Nerolac : Synthetic Hi gloss Berger : Luxol Hi gloss ICI Dulux : Gloss Synthetic enamel
42.	Cement Primer	Nerolac, BP White (Berger), Decoprime WT(Asian), White Primer (ICI).
43.	Steel Primer (Red Oxide Zinc Chromate Primer)	Asian Paints, Nerolac, Berger, ICI/.
44.	Wood Primer	Asian Paints (Wood Primer- White/Pink), Berger ICI, Nerolac.
45.	Epoxy Paint	Asian, Nerolac, Berger, ICI, Kansai Akzo Nobel
46.	Fire Paint	Asian Paints, Akzo Nobel Coatings India Ltd, PROMAT, Jotun
47.	GI/MS Pipe	Tata, Jindal(Hisar)
48.	GI Fittings	Unik, AVR, Zolota

49.	HDPE Pipes	Reliance, Jain Pipes, ORIPLAST, Supreme
50	DI Pipes	Electrosteel, Jindal, TATA DUCTURA, Kapilangle, Kesoram
51..	DI Fittings	Electrosteel, Jindal, TATA DUCTURA, Kapilangle, Kesoram
52.	UPVC pipe and fittings	Astral, Supreme, Ashirwad.
53.	Centrifugally Cast (spun) Iron Pipes & Fittings	NECO, Kapilansh, Electrosteel
54.	C.I. Manhole covers, frames & GI gratings	NECO, RAJ Iron Foundary Agra, BIC, Kapilansh
55.	SFRC Manhole covers & gratings	KK, JAIN, PARGATI
56.	CP Brass Fittings (Superior Range)	Jaquar, Grohe,
57.	CP Brass fittings(Normal range)	Hindware, Jaguar (ESSCO series), Kerovit.
58.	(a) Sanitary ware, fittings & accessories(Superior Range)	Jaquar, Grohe
	(b) Sanitary ware, Fittings & accessories (Normal Range)	Hindware, CERA, Kerovit.
59.	Float Glass & Mirror Glass	Atul, Modi Guard, Jaquar, CERA
60.	CPVC Pipe & fitting	Astral, Supreme,Ashirwad
61.	Stainless steel sink	Neelkanth, Nirali,Jyna
62.	RCC Pipes (NP-2)	Laxmi, sood & sood, Jain Pipe Co.(Newai), Mahaveer Enterprises (Newai), work well spun pipes, Pali.
63.	UPVC Doors & Windows (PROFILE makers & their authorized Fabricators only)	Fenwsta, KOMERLING, RHEAU,Aluplast
64.	Extruded Polystyrene Insulation Board	Dowcorning, Supreme, Texas, Analco
65.	Heat Resistant Tiles	Swastik, Thermatek



66.	Gypsum Plaster	Ferrous Crete, Gyproc Saint Gobain, Ultratech
67.	Floor hardner	Ironite, Ferrok, Hardonate.
68.	Modular Expansion Joint	Herculus, Sanfield India Ltd, Vexcolt.
69.	Glass Wool	Dow Corning, U.P. Twiga, Isover.
70.	UPVC doors and window hardware	Rotto, Dorset, Kinlong
71.	AAC Block Adhesive	Ultratech, Ardex Endura, Ferrous Crete
72.	AAC Block	Ultratech, Aerolite, Seporex, Ecolite, Orilite.
73.	Ready Mix Concrete(RMC)	(a) ACC (b) Ultratech (c) Lafarge
74.	Rolled Steel Sections	(a) SAIL (b) TISCO (c) RINL
75.	Industrial Tiles (floor & wall Tiles)	(a)Johnson Endura or Approved Equivalent
76.	Anti termite chemical & Wood Preservatives	(a) Thiodon (b) De-nocil (c) Bayer (d)Vam Organic (e) NOCIL (f) Hindustan Insecticides(g)Roffe Construction Chemicalss
77.	Glass Film	(a) 3M (b) Llumer
78.	Water Proof Cement Paints	(a) Snowsem India Ltd (b) ICI (c)Asian
79.	PVC Water tank	Syntex
80.	Plywood and Board(Waterproof)	(a) Duro(b)Green ply(c)Century ply(Merinolam)
81.	MDF(Exterior Grade)	(a)Duro (b)Green ply(c)Century ply
82.	Aluminium Hardware	(a)Ispa or Approved equivalent
83.	Fire door Accessories	(a)Briton(b)Astroflame(c)Feze
84.	Fastners	(a)Hilti (b)Fischer
85.	Self taping screw	(a)Hilti(b)Landmark
86.	Welding rod	(a)ESSAB Ferro Speed plus (b)D&H Norma

87.	Tarfelt	(a)MAK(b)Bengal Bitumen (c)Rishub Petrochemical
88.	Adhesive	(a) Fevicol SH(b)Vamicol(c) Araldite of Hindustan (d)Laticrete
89.	PU Paints	(a)MRF(Aqua fresh) or approved equivalent
90.	GRC Panels	(a)Unistone (b) Terra Firma

***Note:-The material which are not in above list, for that make will be approved by competent authority / In-Charge of Civil works***

## **Financial bid**

Item rate contract for the Civil and Electrical associated Works at ARIES, Nainital. The price Bid should be submitted online. ARIES Authorities reserve the full rights to increase or decrease the quantities of items, at the time of award of tender and at any time during execution of contract period or extended period of contract as per its actual requirement. The tentative quantities of works demarcated as per the items. The Director ARIES, Nainital reserves the right “that it is not necessary that all the items will be executed in the said period of contract and therefore the contractor has no right to claim for any works/item of works for the execution in the time period of contract or extended period of the contract.”

**Name of work- Civil & Electrical associated works at Manora Peak and Devasthal Campus,  
ARIES, Nainital**

### **(B O Q)**

Sl.No	Description of work	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil.	140.00	Cum		

2	Excavating trenches by mechanical / manual means of required width for pipes,cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil. Pipes, cables etc, exceeding 80 mm dia. but not exceeding 300mm dia. Including laying of cables with GI wire and using DWC-HDPE pipe 100mm dia with all accessories .completed with all respect as directed.	800.00	Mtr		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size) complete all as specified and directed	65.75	Cum		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	60.00	Cum		

5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level .1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	5.00	Cum		
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	4.00	Cum		
7	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	5.00	Sqm		
8	Suspended floors, roofs, columns & beams, landings, balconies and access platform	30.00	Sqm		
9	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	1,500.00	Kg		

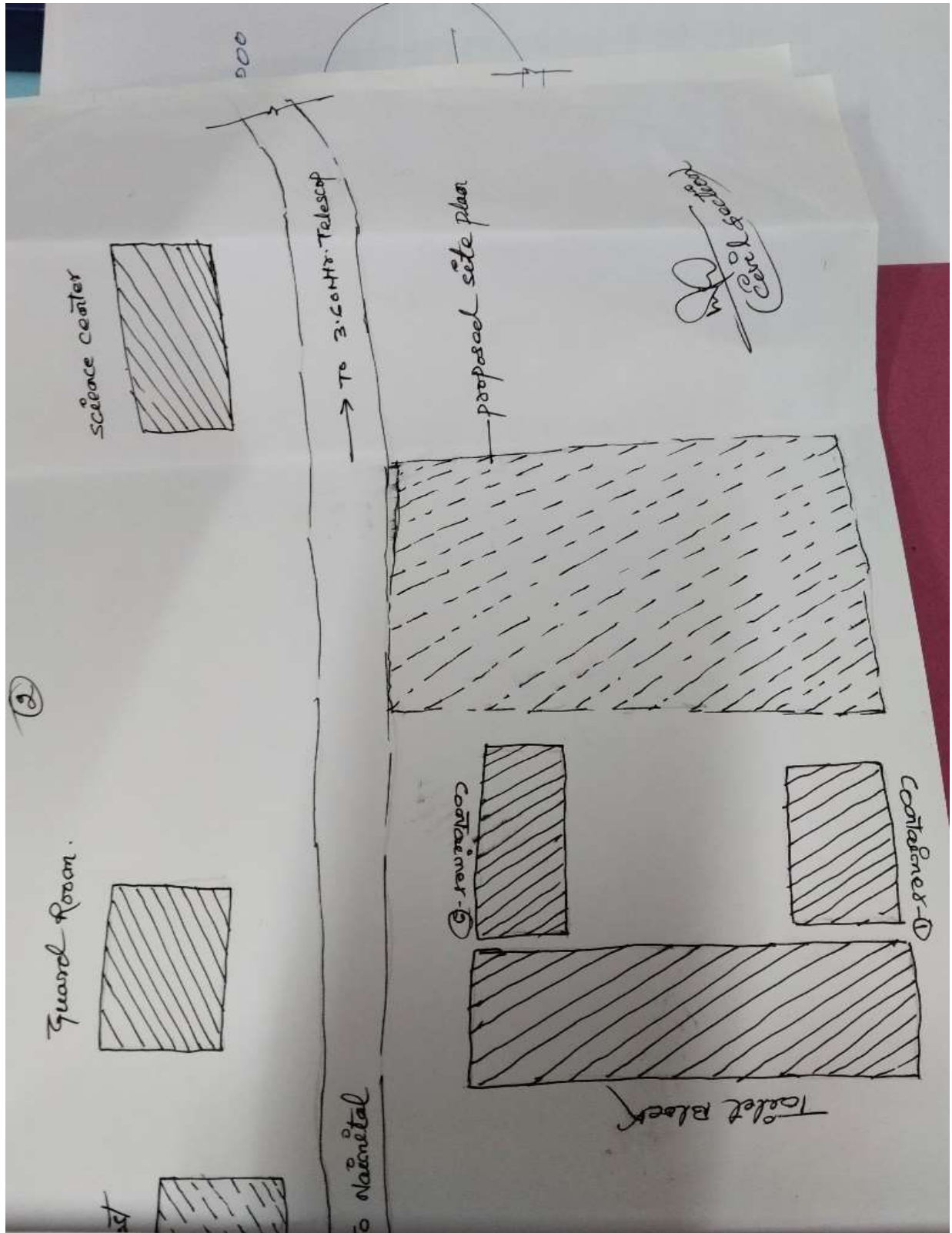
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class in foundation with cement mortar 1:6 (1 cement : 6 coarse sand)	4.00	Cum		
11	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	Cum		
12	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	15.00	Cum		
13	Providing and fixing factory made uPVC glazed/wire mesh windows/ doors comprising of lead free uPVC multi chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head,	3.00	Sqm		

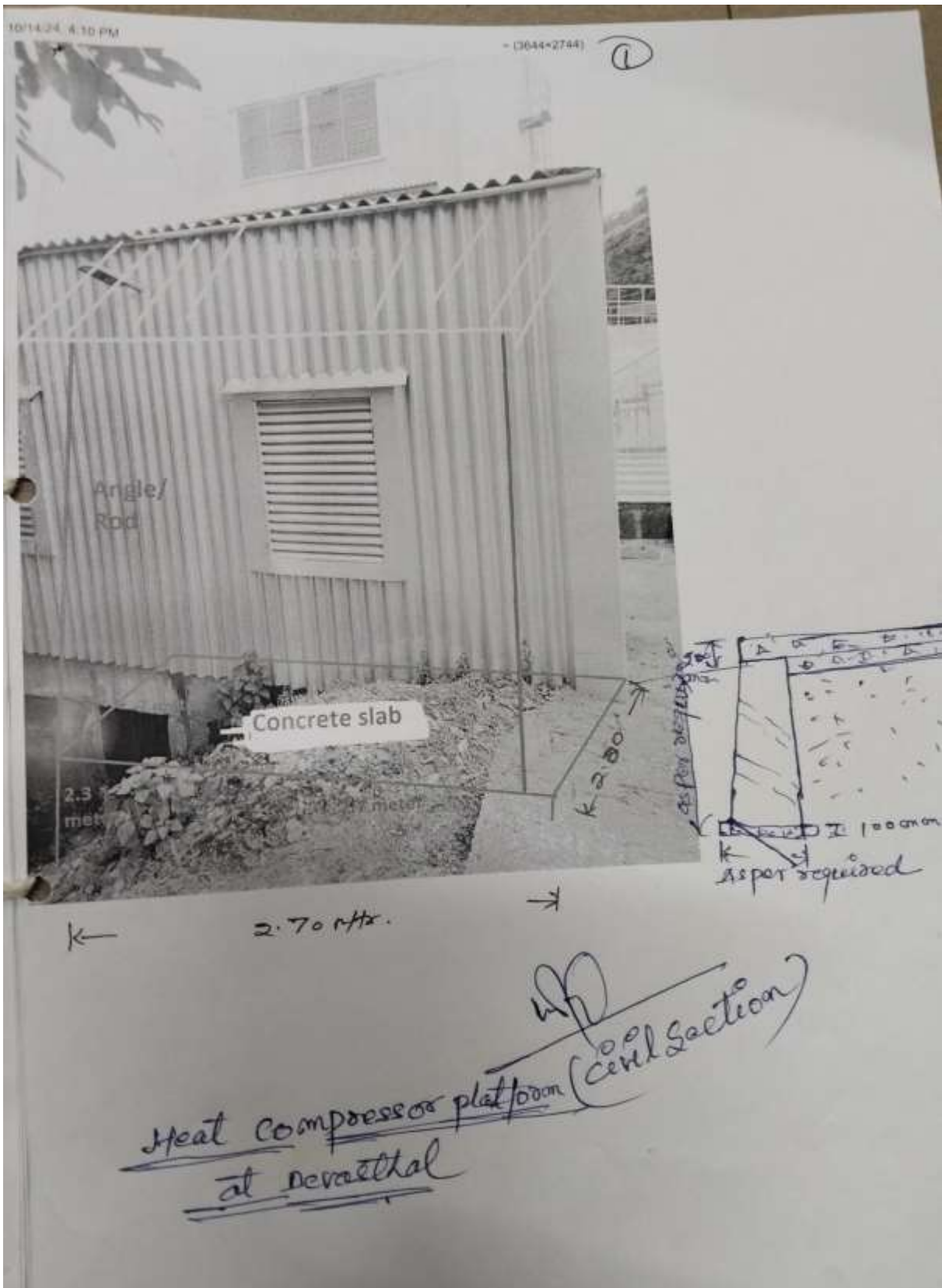
	<p>comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash &amp; mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification &amp; direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in Charge.</p>				
14	<p>Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete</p>	1,450.00	Kg		

15	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	40.00	Sqm		
16	12 mm cement plaster of mix: 1:6 ( 1 cement : 6 fine sand)	20.00	Sqm		
17	15 mm cement plaster of mix: 1:6 ( 1 cement : 6 fine sand)	20.00	Sqm		
18	20 mm cement plaster of mix: 1:6 ( 1 cement : 6 coarse sand)	100.00	Sqm		
19	Pointing on stone work with cement mortar 1:3 ( 1 cement: 3 fine sand ). Raised and cut pointing	1,450.00	Sqm		
20	Finishing wall with Acrylic smooth exterior paint of required shade. New work (Two or more coat) applied over and including priming coat as specified and directed.	1,500.00	Sqm		
21	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead complete all as specified and directed	300.00	Sqm		
22	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 mtr.	7.00	Cum		
23	Distempering with 1st quality acrylic distempering--- complete. New work ( two or more coats)	450.00	Sqm		



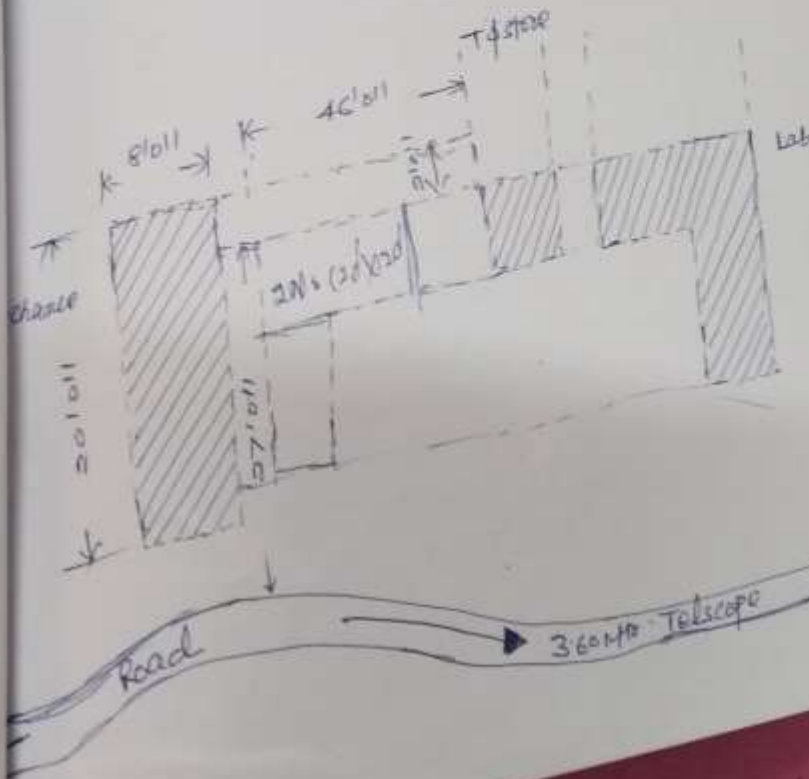
24	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: two or more coats on new works	100.00	Sqm		
25	Demolishing cement concrete manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 mtr.	5.00	Cum		
26	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 mtr.	5.00	Cum		
27	Providing and applying fire reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having SRI of 105 on top of concrete roof in three coats ---complete in all respect as per given directions.	45.00	Sqm		
28	Construction brick masonry manhole in cement mortar----- finished with a floating coat of neat cement complete as per standard design. Inside size -50 x 60 cm and 50 cm deep.	5.00	Each		
	Total				





①

proposed Two Container platform at nerasthel



*up  
cont section*

