NOTICE INVITING TENDER
Sealed Tenders on behalf of Director, NISCAIR are invited for the below mentioned work from the manufacturer/authorized dealers of DAIKIN make air-conditioners.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of work</th>
<th>EMD Rs.</th>
<th>Date of Sale of tender Document</th>
<th>Date and time of submission of tender</th>
<th>Tender cost</th>
<th>Duration of the work</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ductable air-conditioning work in new printing machine hall at G.F. of NISCAIR(Pusa), New Delhi-12</td>
<td>10,000/-</td>
<td>upto 5 PM</td>
<td>Upto 3.00 pm on 19/01/2009</td>
<td>Rs. 500/-</td>
<td>15 days</td>
</tr>
</tbody>
</table>

Tender document (non-transferable) comprising detailed terms and conditions can be obtained from the Book Shop, NISCAIR, Dr. K S Krishnan Marg, New Delhi-12 during the office hours on all working days by remitting tender cost (non-refundable) by a demand draft of a scheduled bank drawn in favour of Director NISCAIR, New Delhi. Tenders should be submitted to the Chairman of the Committee (room no. 107, F.F. Main Building NISCAIR, Pusa, New Delhi-110012 super-scribed with the name of the work, date and time of opening written on the envelopes. They will be received upto 3.00 P.M. on 19/01/09 and will be opened at 3.30 PM on the same day in the presence of bidders if any.

Director NISCAIR reserves the right to accept or reject, in part or full, any or all the tenders without assigning any reason thereof.

Tenders received without EMD will not be entertained.

Tender document can also be seen and downloaded from NISCAIR website [www.NISCAIR.res.in](http://www.NISCAIR.res.in) and submitted by remitting tender cost along with the duly filled bid only.

COA
DUCTABLE AIR-CONDITIONING WORK IN NEW PRINTING MACHINE
HALL AT G.F. OF NISCAIR(PUSA),

NEW DELHI-12.

TENDER DOCUMENT

YEAR 2009

Rs.500/-

NATIONAL INSTITUTE OF SCIENCE COMMUNICATION AND
INFORMATION RESOURCES (NISCAIR)
Dr. K.S. Krishnan Marg (Near Pusa Gate) New Delhi- 12
NOTICE INVITING TENDER

Name of work: Ductable air-conditioning work in new printing machine hall at G.F. of NISCAIR(Pusa), New Delhi-12

1. sealed Tenders on behalf of Director, NISCAIR are invited for the above work from the manufacturer/authorized dealers of DAIKIN make air-conditioners.

2. Time for carrying out the work will be 15 days and the date of commencement shall be reckoned from the 5th day of issue of award letter.

3. Tenders should be on the specified form (Non-transferable) and tender cost of Rs. 500/- (Rupees five hundred only) to be paid by a DD of a scheduled bank drawn in favour of Director, NISCAIR, New Delhi (Non refundable). Vendor may obtain the tender from NISCAIR(Pusa) Bookshop up to 5 PM on 16/01/09.

4. Tenders should be submitted to the Chairman of the Committee (room no. 107, F.F. Main Building NISCAIR(Pusa) super-scribed with the name of the work, date and time of opening written on the envelopes. They will be received up to 3.00 P.M. on 19/01/09 and will be opened at 3.30 PM on the same day in the presence of bidders if any.

5. The earnest money amounting to Rs. 10,000/- (Rupees ten thousand only) as demand draft or pay order of a schedule bank and drawn in favour of Director, NISCAIR, New Delhi should accompany the tender. Tenders received without earnest money will be invalid.

6. the earnest money of unsuccessful bidders will be released within 7 days of opening the bids by returning the same draft.

7. The employer does not bind himself to accept the lowest or any tender and Director, NISCAIR reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

8. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.

9. The tenderer will not be permitted to tender for works in the concern unit of C.S.I.R in which a relative is posted in the grade between Controller of Administration and Engineer (Both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.
NOTE:
A person shall be deemed to be a relative of another if, and only if, (a) they are members of a Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to another in the following manner; Father, Mother (including step mother), Son (including step son), Son’s wife, Daughter (including step daughter) the one is related to another in the following manner; Father, Mother (including step mother), Son (including step son), Son’s wife, Daughter (including step daughter), Father’s father, Son’s son, Son’s son wife, Son’s daughter, Son’s daughter husband, Daughter’s son, Daughter’s son’s wife, Daughter’s daughter, Daughter’s daughter’s husband, Brother (including step brother), Brother’s wife, Sister (including step sister), Sister’s husband.

10. Tender submitted shall remain valid for 30 days from the date of opening for the purpose of acceptance and award of work, validity beyond 30 days from the date of opening shall be by mutual consent.

11. The tenderer shall quote rates both in figures and words. He shall also workout the amount for each item of work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the procedure shall be followed:

(i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer, shall be taken as correct.
(ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
(iii) When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.

12. The tenderer should go through the complete details of the each item and in case of doubt obtain required particulars, which may in and anyway influence his tender from the engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.

13. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of the site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T&P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.

14. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
15. Except writing rates and amounts, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted along with the tender.

16. **Site Engineer/Supervisor:**
   The contractor shall depute a site engineer or supervisor to site of erection to direct & supervise the work as per specifications. The site engineer shall be available at all times for receiving instructions from the NISCAIR. The site engineer shall also attend all site meetings & co-ordination meetings & arrange to carry out work smoothly as per the agreed time schedule. Any instruction given to the site engineer/supervisor shall be construed as if the same is given to the contractor.

17. **Compensation:**
   Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Director (whose decision in writing shall be final) may decide on the cost of the whole work as shown in the agreement, for every week that the work remains un-commenced or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten per cent of the estimated cost of the work as shown in the agreement.

18. **Guarantee/defects liability:**
   The guarantee shall be valid for a period of 12 months from the date of satisfactory completion of the work. If the performance during guarantee period is not satisfactory, the guarantee will be extended, till satisfactory performance is established for a period of 12 months during which the performance should be found absolutely satisfactory. The services of the contractor`s personnel, if requisitioned during this period for such work shall be made available free of any cost to NISCAIR.
If the defects are not remedied within 6 hours of lodging the complain, NISCAIR may proceed to do so at the contractor’s risk and expense without prejudice to any other rights contractor have.

19. **Penalty clause:**

If during warrantee period any defect noticed is not attended within 2 hours of lodging the complaint and not rectified within 6 hours of lodging the complaint then same may be got done by NISCAIR at the risk and expense of the vendor.

20. Original tender papers issued to the vendor are to be attached with the bid during submission of bid.

21. **Scope of Work:** Before starting the work as per schedule contractor to whom this work is awarded need to make a proper design layout plan of the complete duct work (as per scheduled quantity) and get it approved from engineer i/c of the work. Nothing extra is payable to the contractor on this account and this is the part of the scheduled work.

22. Quantity of each item may vary as per work requirement and shall be paid on actual basis.

23. Contractor to execute extra item/items after approval of rates settled on mutual basis.

24. If any of the item mentioned in the tender is not available in the market at the time of execution of work then contractor will submit in writing the other similar item in lieu of that particular item and execute the same after mutually agreeing the rate with NISCAIR.

25. Complete contract document to be compiled with by the tenderer whose tender may be accepted can be seen at the office of the SO(Works), NISCAIR (Pusa) New Delhi – 110 012.

26. **90% Payment will be released only after the satisfactory completion of the work.**

27. **Balance payment of 10% will be released after defect liability period is over.**

TO UNDERSTAND THE COMPLETE WORK CONTRACTOR **May VISIT THE SITE**
BEFORE QUOTING THE RATE AND CONTACT Sh. B.L.Garg(Scientist). **At NISCAIR.**
FINANCIAL BID
**Name of work:** Ductable air-conditioning work in new printing machine hall at G.F. of NISCAIR (Pusa), New Delhi-12

**ABSTRACT OF COST**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of item</th>
<th>Unit</th>
<th>Qty</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SITC of Split type Ductable Air cooled (DAIKIN MAKE) air-conditioning units. (3.0 TR capacity.) each comprising an out door unit consisting of hermetically sealed compressor, air cooled condenser, condenser fan etc. and indoor unit consisting of evaporator with coil, fan &amp; fan motor l, outer casing filters controls etc. both interconnected with copper refrigerant pipe (5 M included in cost), insulation and with full charge of refrigerant gas, oil etc. The price shall be inclusive of MS frame for outdoor condensing unit</td>
<td>each</td>
<td>03 nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Additional refrigerant copper pipe line with insulation</td>
<td>metre</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing laying and interconnecting electrical wiring between indoor and outdoor units</td>
<td>metre</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SITC of ISI mark 25 mm dia PVC water drain piping with bends, reducers, tees, supports etc. as required to complete the work.</td>
<td>Metre</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Canvas Connection for ductable units</td>
<td>each</td>
<td>3 nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Description of item</td>
<td>Unit</td>
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</tr>
<tr>
<td>6</td>
<td>supplying all material and fabricating sheet metal duct using 24 SWG GI sheet including erection at site in complete as required.</td>
<td>Sqm.</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Providing and fixing duct acoustic lining using 25 mm thick glass wool insulation covered with perforated aluminium sheet, nut bolt etc. as required</td>
<td>Sqm.</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Providing an fixing aluminium extruded section Supply air grills/diffusers with damper</td>
<td>Sqm</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Providing and fixing aluminium extruded section return air grills/diffusers without damper</td>
<td>sqm</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Supply an fixing of 25 mm thick glasswool insulation on duct of density 24 Kg/M3, finally finished with 24 SWG aluminium sheet a required.</td>
<td>sqm</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Write in word also.

Signature of bidder

Address and seal of firm if any