

NATIONAL SEEDS CORPORATION LIMITED  
(A Government of India Undertaking)  
SECUNDRABAD (AP)



## TENDER DOCUMENT

Turn Key Job, including Design, Supply, Installation, testing , commissioning and one year maintenance by Providing AC Plant and Dehumidifier to maintain temperature  $20 (\pm 2) ^\circ\text{C}$  and  $RH 50 (\pm 3) \%$  at 2 numbers of seed store at VPC(S), Lalaguda Secundrabad.

**LAST DATE FOR RECEIPT OF TENDER : 8<sup>th</sup> December '2009 by 3.00 PM.**  
**DATE & TIME OF OPENING OF TENDER : 8<sup>th</sup> December '2009 at 3.30 PM.**

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**REGIONAL OFFICE: 17-11, Tukaram Gate, North Lalaguda, Secundrabad-500017 (AP)**  
TN: 040-27731152, Fax-27732863, E mail [nschyderabad@rediffmail.com](mailto:nschyderabad@rediffmail.com),  
website : [www.indiaseeds.com](http://www.indiaseeds.com), [www.nsc.gov.in](http://www.nsc.gov.in).

**NATIONAL SEEDS CORPORATION LTD.**

( A Govt of India Undertaking)

**Regional Office: 17-11, Tukaram Gate, North Lalaguda, Secundrabad-500 17 (AP)****TN: 040-27731152, Fax-27732863, E mail [nschderabad@rediffmail.com](mailto:nschderabad@rediffmail.com).**

No: Engg-7(09)/NSC-HYD/2009-10/

Dated: 21<sup>st</sup> November, 2009**NOTICE INVITING TENDER**

National Seeds Corporation Ltd. Secundrabad invites sealed Tenders from reputed authorize dealers / manufacturer for Turn Key Job, including Design, Supply, Installation, testing , commissioning and one year maintenance by Providing AC Plant and Dehumidifier to maintain temperature  $20 (\pm 2) ^\circ c$  and  $RH 50 (\pm 3) \%$  in thermally insulated 2 numbers Seed Store at the location of VPC(S), NSC Secundrabad (AP).

The cost of tender document is Rs.200/- including ST ( non refundable) and can be down loaded from NSC website : [www.indiaseeds.com](http://www.indiaseeds.com), . Cost of downloaded tender may be deposited either in cash **up to one day before the due date** in the office on all working days or by enclosing a separate DD favoring National Seeds Corporation Ltd payable at Hyderabad along with tender document.

The sealed tenders along with EMD Rs. 30000/- ( Rs. Thirty thousand only) in cash **up to one day before the due date** or through DD of schedule commercial Public sector Bank , payable at Hyderabad / Secundrabad, shall reach in the office of undersigned in person or by Speed Post on or before 3.00 PM dated 8<sup>th</sup> December' 2009 and tender will be opened same day 8<sup>th</sup> December' 2009 at 3.30 PM.

**The Design criteria vide section 1, Technical specification of Equipments vide section-2, Terms and condition of tender vide Section 3 , Guidance to tenderers and Format of Technical Bid vide annexure -1 and Price Bid vide annexure – 2 are enclosed .**

Yours Faithfully

Enclose as above.

(B.Ramesh)  
Regional Manager

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No: Engg-7(09)/NSC-HYD/2009-10/

Dated: 21<sup>st</sup> November2009

**Subject :** Turn Key Job, including Design, Supply, Installation, testing , commissioning and one year maintenance by Providing AC Plant and Dehumidifier to maintain temperature 20 ( $\pm 2$ )<sup>o</sup>c and RH 50 ( $\pm 3$ )% in thermally insulated 2 numbers Seed Store of at the location of VPC(S), NSC Secundrabad (AP).

**SECTION-1****: DESIGN CRITERIA :**

- |  |   |
|--|---|
| 1. Temperature required inside Seed store                | : 20 ( $\pm 2$ ) <sup>o</sup> c   |
| 2. Relative humidity required inside Seed store          | : 50 ( $\pm 3$ )%   |
| 3. Carpet area of each Store ( total 2 store)            | : 14.70X10=147m <sup>2</sup>  |
| 4. Height of each Store ( total 2 store)                 | : 5.00 meter  |
| 5. Details of Walls thermal insulation already provided. | : 45 centimeter thick stone, outside plastered and inside with 50 mm thick thermocol of density 16 Kg /m <sup>3</sup> secured with aluminum foil ,chicken mesh and 12 mm plaster.         |
| 6. Details of Roof thermal insulation already provided   | : RCC roof inside already provided with 50mm thick thermocol of density 16Kg /m <sup>3</sup> secured with aluminum foil, wooden battens, MS flat and and 2 layers of bitumen on roof top. |
| 7. Initial moisture of Seeds                             | : max 12% for cereal and 8% for oil seeds   |
| 8. Human respiration heat load per store per 2 days      | : 10 Adults.  |
| 9. Seed in each Store( maximum)                          | : 30.00 MT  |
| 10. Average Seed load/day                                | : 2.00 MT   |
| 11. Stacking arrangement                                 | : 70% On steel racks<br>: 30% on floor  |
| 12. Internal lighting load per store                     | :500 watt.  |

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## SECTION-2

### : ESSENTIAL TECHNICAL SPECIFICATIONS OF EQUIPMENTS :

#### 1. Refrigeration Equipments :

Voltas make split air conditioner with indoor and outdoor unit, suitable to maintain Temperature  $20 (\pm 2) ^\circ\text{C}$ , Air cooled, duct able. The cooled air shall be carried through GSS ducting and discharge through grilles/ diffusers and collected back by grills and return duct provided thereafter minimizing the infiltration for uniform cooling in entire store.

##### a) **Indoor units :**

Voltas make, consisting of cooling oil , evaporator blower and washable/ cleanable filters, with suitable HP motors of repute conforming to ISI specifications., all housed in a powder coated sheet metal cabinet of robust construction. The entire unit shall be acoustically insulated with 25 mm thick fiberglass/ eqv material with remote corded micro processor based intelligent system with safety protection from electrical reverse phase and single phase prevention. Indoor unit shall be ceiling and or wall mounted. The specification and model should be enclosed to the technical Bid.

##### b) **Out door units :**

Voltas make, consisting of air cooled Condenser coil, semi- hermetic reciprocating compressor, propeller fan, IP motor with suitable HP of repute conforming to ISI specifications, all housed in a powder coated casing. The fan will be of low noise and shall be provided with CDS coil fan guard. and outdoor unit shall be placed at appropriate place fixed on MS stand as per site condition duly protected from direct rain water The specification and model should be enclosed to the technical Bid.

##### c) **Refrigerant Copper piping :**

Ductable hard drawn, between the indoor units including suction insulation etc of suitable gauge and size as per the specification of manufacturer . Diameter, gauge and quality of copper piping should be enclosed to the technical Bid .

##### d) **Control & Power cabling :**

control cable between indoor units of not less than 1.5 sq mm x 6 core and power cable of 6 sq mm x 4 core preferably of Finolex make / conforming to ISI standards. as per the specification of manufacturer. The specification and make should be enclosed to the technical Bid.

##### e) **Rectangular GSS ducting:** Sheet metal work of not less than 22/24 Gauge complete with suitable support arrangement as per IS:655. Size of ducting shall be as per specification of manufacturer with provision of minimum MS Volume control dampers -1 no, powder coated aluminum grills / diffusers – 4 nos, coolers Dampers -4 nos at appropriate place for uniform flow of air in entire store. The lay out, size of ducting , gauge of sheet and specification is to be enclosed in Technical Bid.

f) **LT panel board:**

with ammeters, voltmeter, aluminum bus bar suitable for 200A load with individual MCBS for every units and main incoming MCCB of 100A. The panel shall be fitted in the separate plant room at appropriate place. Incoming supply of 200A to panel board shall be provided by NSC.

g) Related civil and fabrication work: Inclusive with material, labor and tools.

2. **Dehumidification Equipments :**

Suitable to maintain RH 50 ( $\pm 3$ )% inside seed store. The dehumidified air shall be carried through GSS ducting and discharge through grilles/ diffusers and collected back by grills and return duct provided thereafter minimizing the infiltration for uniform dehumidification in entire store. The space provided for Dehumidifier equipments is 8 (Length ) x 4 (Width)x 4 (Height) meters. The technical specification, literature and layout of operation of equipments is to be enclosed in Technical Bid.

a) **Dehumidifier:**, compact body , having process air flow with provision of rotary adsorption and reactivation system with heater of maximum 24 KW, high Efficiency desiccant of capacity 80% of media weight, non toxic, non-flammable, fully water washable, dehumidistate, volume control dampers and suitable capacity 3 phase, 415 volt electrical motors for process and reactivation mechanism conforming to ISI specifications complete with motors and accessories. he specification and model should be enclosed to the technical Bid.

b) **GSS ducting:** Sheet metal work of 22/24G complete with suitable support arrangement as per IS:655. Size of ducting shall be as per specification of manufacturer with provision of MS Volume control dampers, powder coated aluminum grills / diffusers, coolers Dampers at appropriate place for even collection of moist air and discharge of reactivation air.

c) **LT panel board:**

with ammeters, voltmeter with individual MCBS for units and main incoming MCCB of 100A. The panel shall be fitted in the separate plant room at appropriate place.

a) Related civil and fabrication work: Inclusive with material, labor and tools.

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## **SECTION-3**

### **A. TERMS & CONDITIONS**

#### **1. ELIGIBILITY CRITERIA & TECHNICAL QUALIFICATION:**

- Reputed authorize dealers / manufacturer, who have minimum 3 years of similar experience of each job of refrigeration and/or humidification of not less than Rs.20.00 lakhs are eligible and must enclose proof of same.
- The Price bid of only those tenderer, whose Design and Specification of equipment are conforming to the manufacturer specification will be opened.

#### **2. EMD :**

- a) The tenders without requisite EMD of Rs. 30000/- will be summarily rejected and EMD of lowest bidder is refundable on completion of satisfactory work.
- b) EMD of 2<sup>nd</sup> lowest will be retained till the start of work by the lowest bidder.
- c) EMD of other unsuccessful tenderers will be returned immediately.

#### **3. SECURITY DEPOSIT AND PERFORMANCE GUARANTEE::**

10% deposit towards security deposit and performance guarantee of one year is payable along with agreement on acceptance of work order within 10 days and will be kept for a period of one year from the date of commissioning through DD / Bank guarantee of schedule commercial Public sector Bank only of Hyderabad location..

#### **4. SUPPLY & COMMISSIONING:**

Supply, Installation, testing and commissioning of equipments shall be done to the satisfaction of NSC within a period of 50 days from the date of acceptance of work order.

#### **5. PAYMENTS :**

- a) up to 80% payment will be made after supply of equipments and related material on receipt of guarantee / warranty certificate from manufacture .
- b) Balance 20% payment will be made after successful commissioning of plant and on achieving the desired condition of temperature 20 ( $\pm 2$ ) °c in case of AC work and RH

50 ( $\pm 3$ )% in case of dehumidification work inside 2 nos of thermally insulated Seed Store.

## **B. OTHER TERMS & CONDITIONS**

1. Validity of tender shall be 90 days from the date of submission AND The rates quoted shall be inclusive of all Taxes / VAT/ Duties/cess / octroi ,loading, unloading, installation and commissioning including all accessories etc. FOR delivery at site. C-Form will be issued to charge CST.
2. The tenderer(s) has to submit layout design, the specifications of each of the equipment and list of equipments for AC or Dehumidification system , otherwise tender can be rejected.
3. The successful tenderer has to enter an agreement on non judicial stamp paper of Rs.100/- for acceptance of work order and condition of tender within 10 days of issue of work order.
4. **REMOVAL OF DEFECTS :** If upon inspection, any defects of whatsoever nature, are pointed out by the Corporation/Purchaser or his nominee, it shall be the duty of the supplier to rectify the same immediately. The supplier's responsibility in respect of any complaints, defects or claims shall be limited to supply and installation or replacement of parts free of charge or the repair of defective parts only to the extent that such replacement or repairs are attributable to or arise from faulty workmanship or material or design in the manufacture of the equipment provided defects are brought to the notice of the supplier.
5. **Accident relief and Workmen Compensation:**
  - **The** tenderer shall at all times indemnify National seeds corporation, Secundrabad, against all claims which may be made under the workmen's compensation act or any statutory modifications there after or rules there under or otherwise consequent of any damage of compensation payable consequent of any accident or any injures sustained or death of any workmen engaged in the performance of the work relating to the tenderer.

- **In** all cases of personal injury to the workmen employed by a tenderer for this work for which tenderer is liable to pay compensation under Workmen's Compensation Act he shall pay the prescribed medical aid and the fee to the medical officer for issue of C & D forms as prescribed failing which the said fee will be paid to the Medical Officer appointed by NSC and recovery will be effected from the tenderer bill.

- **No** claim shall be entertained if the same is not represented in writing to Regional Manager National seeds corporation, Secundrabad .

6. **Warranty/ Guarantee:** The machines and equipment supplied shall be of 'On-Site warranty' and 'On-Site guarantee'.
7. **LIQUIDATED DAMAGES :** Time of completion of turn key project in the contract is the essence of the contract. It is admitted by the supplier that any delay in the delivery will cause damages to the Corporation/Purchaser, the supplier hereby agrees that corporation / Purchaser shall suffer damages at the rate of 2% for each week or part thereof by which delivery is delayed subject to maximum of 10% and it shall be deemed to be the actual damage suffered by the Corporation/Purchaser.
8. **SETTLEMENT OF DISPUTES :** All disputes or difference in relation to the contract or the interpretation of any of its terms of implementation thereof or arising out directly or indirectly shall be referred to a single Arbitrator to be appointed by the Chairman-cum-Managing Director of the Corporation and in the absence of CMD, highest Executive officer of the Corporation shall make such appointment. The venue of Arbitration shall be New Delhi/Delhi. If for any reason the matter has to be referred to a Court of Law, the Court of Law at New Delhi/Delhi or the Court of Law having its jurisdiction at New Delhi/Delhi only shall have jurisdiction in this matter. The arbitrator(s) shall have power with the consent of the parties to extend the time for making and publishing their award.
9. **CORRUPT GIFTS AND PAYMENTS OF COMMISSION :**  
Any bribe, commission, gift or advantages given, promised or offered by or on behalf of the supplier, his agents or representatives or anyone on their behalf to any employee, representative or agent of the Corporation/ or any person on his behalf in relation to the execution of this or any other contract with the Corporation shall, in addition to the criminal liability under the laws in force, subject the supplier's

cancellation of this and other contracts with the Corporation, and also to payment to any loss resulting from any such cancellation to the extent as is provided in case of cancellation under 'DEFAULT AND RISK PURCHASE' and the Corporation shall be entitled to deduct the amounts so payable from any money otherwise due to the supplier under this or any other contract.

10. NSC reserve the right to accept or reject any one or all tenders without assigning any reason.
11. The sealed tenders along with EMD may be submitted before due time 3.00 PM dated 8<sup>th</sup> December' 2009 in person or by Speed Post. The opening of Technical bid will be done in the presence of Tenderers or their representatives on the same day 8<sup>th</sup> December' 2009 at 3-30 P.M. The tenderers or their authorized representatives may attend at the time of opening of the tender. **The 'Price Bid'** of successful technical bidders will be opened subsequently at an appointed date and time which shall be intimated to the tenderers whose Technical Bids are accepted.

**(B.RAMESH)**  
Regional Manager

**NATIONAL SEEDS CORPORATION LTD.**

( A Govt of India Undertaking)

**Regional Office:** 17-11, Tukaram Gate, North Lalaguda, Secundrabad-500 17 (AP)

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**GUIDANCE TO TENDERERS**

**1.** The tenderers are advised in their own interest visit the site, care fully take correct measurements for estimation, study design condition, read the tender document condition and understand their purpose and it shall be presumed that he accepts all the terms & conditions as have been laid down in the tender documents.

**2.** Tender must be submitted in the tender form provided in the tender document. The tenderer may attach additional sheets to the tender form wherever detailed description is necessary.

**3.** The tenderers should enclose with their offers descriptive catalogues, leaflets and engineering drawings supplementing the description and point out any special features/advantages of their equipment quoted. All the literatures, leaflets engineering drawings etc. should be in English or accompanied by English translation in case the language is other than English.

**4. Submission of tender:** The tender should be prepared in two separate sealed envelopes and the envelopes should be super scribed respectively as ‘Technical Bid’ and ‘Price Bid’. The above mentioned two envelopes be then placed in an envelope and sealed. Outer envelope shall be super scribed as “**Tender for AC Plant** ”. The technical information should be strictly as per annexure -1 format and section 2 and financial information as per annexure II format of tender document.

**6. Forfeiture of Earnest Money :** In the event of a tenderer, whose tender is received within time, withdraws his tender before the receipt of the official decision or a tenderer whose tender has been accepted fails to i) execute the contract on issue of work order or (ii) furnish

Performance Guarantee Bond after such acceptance is made known to him, Therefore the earnest money deposited by such tenderer shall be forfeited and in the later case the acceptance of the tender shall also be revoked.

**7. Performance guarantee and Purchase agreement bond:** Successful bidders are also required to furnish agreement as per Payment clause 5 of section- 3 and for supply and installation of equipment as per specification and also for performance of the equipment during the warranty period. . The terms & conditions contained in the tender document will construe to be part of the agreement. Any variation in the terms & conditions as may be suggested by the tenderer and accepted by the Corporation will be specifically mentioned in the agreement. The cost of stamp for agreement should not be less than Rs.100/- which shall be borne by the successful tenderer.

#### **AGREEMENT FORM**

**AGREEMENT NO.....**

This agreement is made on this .....between the National Seeds Corporation Ltd., A Government of India Company, incorporated under the Companies Act 1956 and having its registered office at Beej Bhawan, Pusa Complex, New Delhi-110012 and (hereinafter called the 'Corporation' which expression shall unless excluded by or repugnant to the context, be deemed to include its successors and assigns) of the first part and M/s..... (hereinafter called the 'Supplier' which expression shall include unless excluded by or repugnant to the context, be deemed to its successors and assigns) of the second part.

WHEREAS the 'Corporation' with the intention of Turn key job of including Design, Supply, Installation, testing, commissioning and one year maintenance period to maintain temperature  $20 (\pm 2) ^\circ c$  and RH  $50 (\pm 3) \%$  in thermally insulated 2 numbers Seed Store of at the location of VPC(S), NSC Secunrabad.and related equipments invited offers vide Tender No..... its own behalf (hereinafter called the 'Purchaser') AND WHEREAS the supplier submitted their tender No.....and upon consideration of the tender. After due deliberations, the Corporation placed Purchase/work Order no .....dated..... with supplier, for the supply, installation and commissioning of equipment as per specifications, quantities and number mentioned

AND WHEREAS the Corporation and the supplier have agreed to all the terms & conditions of tender document No.....and Purchase order No ... .. dated....which shall form part of this agreement. The supplier hereby agrees to supply and purchaser hereby agrees to purchase equipments and equipments with specifications and details as mentioned in Purchase Order No... dated .....

**Performance guarantee and Security deposit:**

AND WHEREAS the supplier have agreed to deposit 10% value of the contract towards security deposit and 10% value of the contract towards performance guarantee recoverable from the bills of payment or in the form of Bank Guarantee of schedule commercial Bank .

**Settlement of Disputes**

AND WHEREAS all disputes and or differences in relation the tender, the contract of the interpretation of any of their terms of implementation hereof or arising our of or concerned directly or indirectly with the contract shall be referred to the arbitration of a single Arbitrator to be appointed by the Chairman cum Managing Director of the Corporation and in the absence of CMD, the highest Executive Officer of the Corporation shall make such appointment. The venue of Arbitration shall be at New Delhi. The Court of Law at New Delhi/Delhi alone will have jurisdiction in the matter of any disputes whatsoever. The arbitrator shall have power to enlarge time for making and publishing the award with the consent of the parties. The parties will have no objection to the appointment of the Arbitrator on the ground that the such arbitrator had dealt with the matter at any earlier stage. If the claims involved in a dispute are of more than Rs.1.00 lakh, the arbitrator shall make a speaking award.

No amendments or modifications in the terms of this agreement shall be considered valid unless it is in writing and duly signed by both the parties.

IN WITNESS WHEREOF, both the parties have here to subscribed their signature on the date.....and year.... herein above written through authorized representatives.

For and on behalf of the supplier

For an on behalf of the  
National Seeds Corporation Ltd.  
New Delhi-110012

Witness Witness

- 1.
- 2.
- 3.

- 1.
- 2.
- 3.

**FORM OF COMPOSITE BANK GUARANTEE FORM IN LIEU OF SECURITY DEPOSITAND PERFORMANCE GUARANTEE BOND BY THE BANK**

This Bank guarantee executed on this .....day of 2010 .....by Bank (hereinafter called theBank) which expression shall include wherever permissible its successors and assigns in favour of the Chairman- cum-Managing Director, National Seeds Corporation Ltd., Beej Bhawan, Pusa Complex, New Delhi-12 hereinafter called the Corporation which expression includes its successors and assigns at the request of M/s.....(hereinafter called the supplier) which expression shall include his successors and assigns.

“WHEREAS under the terms of the contract for the supply of equipment etc.under this corporation Agreement No.....dated..... entered into between the Corporation and the suppliers, suppliers had warranted about the specifications and performance of the equipment under the Corporation’s order under the contract

’OR’.

AND WHEREAS the bank agreed to give the bank guarantee in lieu of the 20% price and be guarantor for the performance guarantee bond.

NOW THEREFORE, this guarantee witnesses and the Bank hereby agrees guarantee.

1. If the supplier commits any breach of any of the terms and conditions of the contract or of the supply order and the Corporation declares that the Supplier has become liable to forfeiture of the security or any part thereof, the Bank hereby unconditionally and irrevocably agrees and undertakes and guarantees to pay to the Corporation on demand and without demure the amount of security money stated above without making any reference to the Supplier.
2. The Supplier has warranted to the Corporation as follows.

- i) The supplier warrants that the goods supplied under this contract/order are free from all defects and faults in material, workmanship and manufacture and are of the highest grade and consistency in the established and generally accepted standards in materials of the type of equipment ordered and in full conformity of the contract/order specifications and drawings or samples, if any, and shall operate properly.
- ii) The supplier warrants that the equipment shall perform satisfactorily in accordance with the specifications and the norms fixed by the Corporation for a minimum period of 12 calendar months from the date of commissioning of equipment
- iii) The supplier's warranty in respect of any complaints, defects and/or claims limited to supply and installation or replacement of parts free of charge or the repair of defective parts only to the extent that such replacement or repairs are attributable to/or arise from faulty workmanship or material or design in the manufacture of the equipment, provided defects are brought to the notice of the supplier within 3 months of their being first discovered during the warranty period and in no case after one month from the date of expiry of aforesaid warranty period. The warranty period for replaced parts will extend to 12 months from the date of replacement as envisaged by the warranty clause in this agreement/ order in respect of original supply.
- iv) The supplier shall, if required, replace or repair the goods or such portion thereof as is rejected by the Corporation free of cost at the ultimate destination or at the option of the Corporation, the supplier shall pay to the purchaser value thereof at the contract/order price and such other expenditure and damages as may arise by reasons of any breach of the condition specified in the contract/order.
- v) All replacement and repairs that the Corporation shall call upon the supplier to deliver or perform under this warranty shall be delivered or performed by the supplier as quickly as possible but in no case later than one month failing which the performance guarantee bond shall be extended till such time all claims are settled to the entire satisfaction of the Corporation.
- vi) The warranty of the supplier shall not apply to any material which would have been repaired or altered by the Corporation or on its behalf in any manner without informing the supplier in advance, if however, any such repair does not affect the strength performance or reliability the warranty shall continue to apply. Any defect caused to any part due to misuse, negligence or accident will not be covered by warranty.

3. If the supplier commits any breach of the terms relating to warranty and the supplier becomes liable to the forfeiture of the 20% of the bank guarantee or any part thereof, the bank hereby unconditionally and irrevocably agrees and undertakes and guarantees to pay to the Corporation on demand without demur and amount of bank guarantee stated above, without making a reference to the supplier.

4. The bank further agrees that the Corporation shall be the sole judge of as to whether the said supplier has committed any breach or breaches of the terms of warranty and the extent of loss, damage costs, charges and expenses caused to or may be suffered by or that may be caused to or may be suffered by the Corporation on account thereof and the decision of the Corporation that the supplier has committed such breach or has not fulfilled the conditions of warranty shall be final and binding on the supplier and the bank.

5. The bank further understand that it shall not be necessary for the Corporation to proceed against the supplier before demanding the aforesaid amount of bank guarantee from the bank or taking any proceeding against the bank and the guarantee herein contained shall be enforceable against the bank.

6. The bank undertakes not to revoke the guarantee except with the prior consent of the Corporation in writing and agree that any change in the constitution of the supplier or the bank shall not discharge the liability of the bank herein.

7. Notwithstanding anything, contained herein before the liability of the bank under this guarantee is restricted to Rs..... The guarantee of the bank shall remain into force upto 18 months from the date of execution of this Bank guarantee or till 1 months after the expiry of warranty period whichever is earlier. Unless the Corporation makes a claim from the bank in writing on or before the said period all rights of the Corporation under this warranty shall be forfeited and the bank shall be relieved and discharged from all liability hereunder.

1. Witness

2. Witness

\_ Here fill the name and full address of the Bank

\_ Here fill the Name and full address of the tenderer

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**ANNEXURE – I****TECHNICAL BID**

(To be submitted to NSC Secundrabad in separate sealed envelope marked 'Technical Bid')

**FROM :**

NAME OF COMPANY:.....

ADDRESS:.....

.....

.....

Tel. No ..... Mobile No.....

**SUBJECT:** Tenders from reputed and preferably from authorize dealers / manufacturer for Turn Key Job, including Design, Supply, Installation, testing , commissioning and one year maintenance by Providing AC Plant and Dehumidifier to maintain temperature 20 ( $\pm 2$ ) °c and RH 50 ( $\pm 3$  )% in thermally insulated 2 numbers Seed Store of at the location of VPC(S), NSC Secundrabad (AP).

1. a) Details of EMD paid, Amount Rs.....  
DD/Cash receipt No:..... Date:.....  
Name of Bank/branch.....
- b) Details of CR/DD for the cost of website down loaded tender Rs.100/-
2. Number of years of experience in Design , ..... Years  
installation and commissioning of AC Plant  
(Please enclose certificate from manufacturer / reputed clients minimum 3 nos for **each** satisfactory work not less than 20 lakhs.)
3. Please enclose make ,model of equipment along layout drawing of Installation of Indoor , outdoor unit and ducting with specifications for refrigeration system and Dehumidification System for verification as specified by the manufacturer.

**Note:**

- All corrections must be signed and all columns may be filled compulsory.
- Demand draft towards EMD & Tender cost must be submitted along with Technical Bid only in Cash / DD .

Date:

NAME & SIGNATURE OF TENDRER

**ANNEXURE – II****PRICE- BID****(It is to be submitted to NSC in the separate envelope marked 'PRICE BID')****FROM :**

NAME OF COMPANY:.....

ADDRESS:.....

.....

.....

...

Telephone No .....Mobile No.....

**SUBJECT:** Tenders from reputed and preferably from authorize dealers / manufacturer for Turn Key Job, including Design, Supply, Installation, testing , commissioning and one year maintenance by Providing AC Plant and Dehumidifier to maintain temperature 20 ( $\pm 2$ ) °c and RH 50 ( $\pm 3$  )% in thermally insulated 2 numbers Seed Store of at the location of VPC(S), NSC Secundrabad (AP).

SN	DESCRIPTION OF TURN KEY JOB	Quant- -ity	RATE Rs..Paisa	AMOUNT( in Figure and words) Rs... Paisa.
1	<p>Turn Key job including design, Supply, Installation, testing , commissioning and one year maintenance of duct able split Refrigeration equipments to maintain temperature 20 (<math>\pm 2</math>) °c uniformly inside 2 nos of thermally insulated Seed Store size 14.7x10x5m at VPC(S), Lalaguda, Secundrabad as per design criteria of section-1 and technical specifications given in section -2(1) of tender schedule ( 4 working + 2 stand by unit) .</p> <p>a) <b>7.5 TR X 6 units Voltas make split refrigeration units</b> complete with 3 phase, 415 volt electrical motors and accessories i.e control and power cabling, refrigeration copper piping, LT Panel board -1no etc.</p>	One job		

	<p><b>b) GSS Ducting:</b> Sheet metal work of main ducting not less than 22/24 Gauge complete with suitable support arrangement as per IS:655. Size of ducting shall be as per specification of manufacturer with provision of minimum MS Volume control dampers -1 no, powder coated aluminum grills / diffusers – 4 nos, coolers Dampers -4 nos at appropriate place for uniform flow of air in entire store, <b>for 2 stores.</b></p>	One job		
2	<p>Turn Key job including design, Supply, Installation, testing , commissioning and one year maintenance of duct able Dehumidification Equipments to maintain RH 50 (<math>\pm 3</math> )%c uniformly inside 2 nos of thermally insulated Seed Store size 14.7x10x5m at VPC(S), Lalaguda, Secundrabad as per design criteria of section-1 and technical specification of section -2(2) of tender schedule.</p> <p><b>a) 1 no compact dehumidifier</b> having specification of maximum 1500 CMH process air, with provision of rotary adsorption and reactivation system with maximum heater of 18 KW load, high efficiency desiccant, dehumidistate, volume control dampers and suitable capacity 3 phase, 415 volt electrical motors for process and reactivation mechanism conforming to ISI specifications <b>for 2 stores.</b></p> <p><b>b) GSS Ducting:</b> Sheet metal work of main ducting not less than 22/24Gauge complete with suitable support arrangement as per IS:655. Size of ducting shall be as per specification of manufacturer with provision of powder coated aluminum grills / diffusers , Coolers dampers at appropriate place for uniform flow of air in entire store for adsorption and reactivation flow of</p>	One no		
		One job		

	air complete with damper and grills, <b>for 2 stores.</b>			
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1. The rates quoted shall be **inclusive** of all Taxes / VAT/ Duties/ Cess / Octroi,/loading, unloading,/ installation and commissioning/ including all accessories etc. FOR delivery at site. C- Form will be issued to charge CST.
2. The rates quoted in the Price Bid should be firm and valid up to a period of 3 months. The amount shall not be over written. The amount must be written in figures and words.
3. It is understood and agreed by the supplier that the prices charged for equipment /supplies under the contract shall under no circumstances exceed the lowest price at which the supplier sell the equipment of identical specification to any other state/central Govt / public Sector undertaking during the period of the contract.

**I have read and understood the foregoing specification of machine, terms, conditions and guidance given in the tender and I agree to abide by them.**

Date:

NAME & SIGNATURE OF TENDRER