

# राष्ट्रीय बीज निगम लिमिटेड

(भारत सरकार का उपक्रम - मिनी रत्न कंपनी)

## NATIONAL SEEDS CORPORATION LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

**REGIONAL OFFICE: SECUNDERABAD**

(CIN NO: U 74899 DL 1963 GOI003913)



### E-TENDER DOCUMENTS

#### FOR

**SUPPLY, INSTALLATION, INTEGRATION WITH EXISTING ELECTRICAL SYSTEM, PARALLELING / SYNCHRONIZING WITH ELECTRICITY GRID, TESTING AND COMMISSIONING OF 3KW **ON GRID SOLAR PANEL SYSTEM** ALONG WITH OTHER REQUIRED ACCESSORIES INCLUSIVE OF ALLIED NECESSARY CIVIL WORK AND LICENSES/ CIEG APPROVAL FROM THE CONCERN DEPARTMENT AT KHAMMAM.**

#### TENDER SHOULD BE SUBMITTED IN TWO BIDS SYSTEM ONLINE

Date & Time for submission of E-Tender : Up to 15:00 Hrs on 09.02.2021

Date & Time of opening of E-tender : Up to 15:30 Hrs on 09.02.2021

#### Contact Details:

Particulars		Telephone	E-mail
Regional Office - Secunderabad	Regional Manager	040-27731152	<a href="mailto:rm.secunderabad@indiaseeds.com">rm.secunderabad@indiaseeds.com</a>
	JE (Agril.), Engg.	7015006727	<a href="mailto:Engg.nscsecunderabad@gmail.com">Engg.nscsecunderabad@gmail.com</a>
	Programmer, IT	9885750587	
Web Site		<a href="http://www.indiaseeds.com">www.indiaseeds.com</a>	

# राष्ट्रीय बीज निगम लिमिटेड

(भारत सरकार का उपक्रम - मिनी रत्न कंपनी)

क्षेत्रीय कार्यालय :17-11, तुकाराम गेट, नार्थ लालागुड़ा, सिकंदराबाद- 500017

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# राष्ट्रीय बीज निगम लिमिटेड

(भारत सरकार का उपक्रम - मिनी रत्न कंपनी)

F. No. Engg (CSR-Khammam)/NSC: HYD/20-21

Dated: 21.01.2021

## NOTICE INVITING E-TENDER

National Seeds Corporation Ltd. (NSC), **Regional Office**, Secunderabad-500017 (**Telangana**) invites online **E-tenders** under two bid system from reputed Contractors/ Prospective Bidders/ Manufacturing Companies/Firms/Corporation Registered in **India** of SPV Cells /Modules /PV System Electronics /Invertors /Battery (conforming to relevant National /international Standards) for “Supply, Installation, Integration with existing electrical system, Paralleling / synchronizing with electricity grid, Testing and Commissioning of 3KW ON-Grid Solar Panel System” along with other required accessories inclusive of allied necessary civil work and licenses/ certificate/CIEG approval from the concern department at Khammam.

Details of work are as under:

S. No	Name of Work	No of Unit	Approximate value of work	EMD	Cost of Tender Documents	Period of Completion
1.	Supply, Installation, Integration with existing electrical system, Testing & Commissioning of 3KW solar panel system inclusive of all allied necessary work and approval from department at Khammam.	2 Nos (3kw each)	3.00 lakh total (2 Nos unit)	<b>15000.00</b>	590/- inclusive of GST,18%	2 Month

Date & Time for submission of E-Tender : Up to 15:00 Hrs on 09.02.2021

Date & Time of opening of E-tender : Up to 15:30 Hrs on 09.02.2021

1. Tender document will be available on NSC E-Portal: <https://indiaseeds.eproc.in> up to 09-02-2021 till 15.00 hours.
2. Parties participating for Tender, EMD amount should be submitted online along with cost of tender document.
3. **(Price bid)** will be opened on suitable date & time after Scrutiny of Technical Bids.
4. Tenderers should be submitted both Technical bid and Price bid strictly as per instructions to tenderers given in **Part-A** of the tender documents.
5. Tender not accompanied with requisite amount of EMD & Tender cost and not submitted as per instructions contained in the tender document are liable for rejection.
6. Micro Small Enterprises (**MSEs**) registered with **NSIC** for the quoted item under single point registration scheme are exempted from payment of cost of tender document and EMD as well as entitle to avail the benefit of Public Procurement Policy for Micro and Small Enterprises (MSEs) 2012, according to the policy approved in the NSC subject to **furnish documentary proof in support of their claim** along with their request.
7. The successful bidders have to sign "An **Agreement on Rs. 100/- Non-Judicial Stamp Paper**" with NSC.
8. The Corporation reserves the right to accept or reject any/all tenders without assigning any reason whatsoever and decision of the Corporation shall be final and binding on tenderer.
9. Quantities and number of above works may increase or decrease as per requirement of corporation.

**Regional Manager**

# **PART - A**

# NATIONAL SEEDS CORPORATION LTD.

SECTION - I

## INSTRUCTIONS TO BIDDER – ONLINE MODE

### DEFINITIONS:

- ❖ C1 India Private Limited: Service provider to provide the e-Tendering Software.
- ❖ NSC e-Procurement Portal: An e-tendering portal of National Seeds Corporation Limited (“NSCL”) introduced for the process of e-tendering which can be accessed on <https://indiaseeds.eproc.in>.

### **1. ACCESSING / PURCHASING OF BID DOCUMENTS:**

- It is mandatory for all the bidders to have **Class-III Digital Signature Certificate** (With Both DSC Components, i.e. Signing & Encryption) from any of the licensed Certifying Agency under CCA, Ministry of Electronics and Information Technology, Government of India to participate in e-tendering portal of NSCL. Bidders can see the list of licensed CA’s from the link [www.cca.gov.in](http://www.cca.gov.in) C1 India Pvt. Ltd. also facilitate Class III Digital Signature Certificate (With Both DSC Components, i.e. Signing & Encryption) to the bidders. Bidder may contact C1 India Pvt. Ltd. at mobile no. +91-8130606629 for DSC related queries or can email at [vikas.kumar@c1india.com](mailto:vikas.kumar@c1india.com).
- To participate in the e-bid, it is mandatory for the Applicants to get themselves registered with the NSCL e-Tendering Portal (<https://indiaseeds.eproc.in>) to have a **user ID & Password** which has to be obtained by submitting a non-refundable annual registration charges of Rs. 3416/- inclusive of all taxes through **online** mode. Validity of Registration is 1 year.
- The amendments / clarifications to the tender, if any, will be posted on the NSCL e-Tendering Portal (<https://indiaseeds.eproc.in>).
- To participate in bidding, bidders have to pay EMD (refundable) as per the amount mentioned in the tender document online through NEFT/RTGS after generating E-challan from <https://indiaseeds.eproc.in>.
- To participate in bidding, bidders have to pay Tender Processing Fee of Rs. 570/- inclusive of all taxes (Non-refundable) through online mode (internet banking/debit card/credit card).
- The Bidder may modify or withdraw their bid after submission prior to the Bid Due Date. No Bid shall be modified or withdrawn by the Bidder after the Bid Due Date and Time.
- Both 'EMD' and 'Tender Document Fee' are mentioned in individual tender document as published at NSCL e-Tendering Portal (<https://indiaseeds.eproc.in>).
- For helpdesk, please contact e-Tendering Cell and Help Desk Support Monday to Friday Ph: 0124-4302033/36/37, [nsclsupport@c1india.com](mailto:nsclsupport@c1india.com).

It is highly recommended that the bidders should not wait till the last date of bid submission to avoid complications like internet connectivity issue, network problems, system crash down, power failure, browser compatibility issue, system compatibility issue, improper digital signature certificate problem etc. In view of this context, neither M/s National Seeds Corporation Limited nor M/s. C1 India Pvt. Ltd will be responsible for such eventualities.

## **SECTION - II**

### **INSTRUCTION TO TENDERERS**

#### **GENERAL RULES AND GUIDANCE FOR INVITING E-TENDER**

1. The e-tenders are being invited by **Regional Manager, National Seeds Corporation, NSC, Secunderabad.**
2. The contractor should read the specifications carefully before submitting e-tender.
3. The earnest money as per Notice should accompany the e-tender in the shape of online payment only. Contractors/firm who are registered with **MSME with NSIC** are exempted for submitting the tender fees as well as EMD.
4. The tenderer will be required to attach Income Tax Return for the last 2 year and Registration No. of GST, ESI and PF while applying for e-tender through online.
5. **PROCEDURE FOR SUBMISSION OF TENDER:** -The tenderer shall submit the bid online only before the due date and time of submission.
6. GST or any other tax applicable in respect of this contract shall be payable by the contractor and no claim whatsoever in this respect will be entertained.
7. The contractor should quote the rates in figures as well as in words and amount tendered by him. The amount for each item should be worked out and the requisite the total given. Rates should be written in words closely followed by figures and it should not be written in the next line.
8. Time allowed for carrying out the work will be Two month.
9. Tender should remain open for acceptance for a period of 90 days from the date of receipt of tender. If any tenderer withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the department, then the corporation shall, without prejudice to any other right or remedy, be at liberty to forfeit the earnest money as aforesaid.
10. Tenders who do not fulfill all or any of the above conditions or incomplete tenders in any respect are liable to be summarily rejected.
11. The e-tenders submitted with any additional conditions are liable to summarily rejection.
12. Mobilization advance shall not be applicable.
13. Certificate of financial soundness issued by the bankers with the complete address be submitted along with the tender.
14. In the case of any tender where unit rate of any item /items appear unrealistic and imbalance and in case the tenderer is unable to provide satisfactory explanation, such a tender will be liable for rejection.
15. **The contractor should visit the site and shall satisfy himself to the conditions,** the accessibility of site, the full extent and character of operation, the nature of the ground and supply conditions affecting lay out execution of the contract generally. No claim on the ground for want of knowledge in such respect will be entertained.
16. Change in the terms and condition or the specifications, or schedule of completion shall not be accepted such conditional tenders shall be liable for rejection.
17. The rates shall be inclusive Up to all materials, labors, tools, equipment's, taxes, services, licensees & plants and taxes etc. as per site condition.
18. The site shown in the layout plan shall be cleared of all obstructions, loose stone, materials, rubbish of all kind. All holes of hollows whether originally existing or produced during clearance shall be carefully filled with earth, well rammed, leveled off, as directed.
19. The security deposit shall be deductible @ 5 % from the bills and will remains as such for a period of defect liability from the date of completion of work.
20. Defects arising during the defect liability guarantee period if any shall be rectified by the party free of cost with in fortnight as and when brought to the notice in writing or telephonically.

21. The contractor's responsibility for this contract shall commence from the date of issue of order of acceptance of tender.
22. The contractor shall maintain and produces all records when called for, related to relevant Acts concerning labour engaged and construction.
23. The Corporation shall have the right of rejecting all or any of the tender without assigning any reason whatsoever and will not be bound to accept the lowest tender or any of the tender.

**Location address for installation of solar system at Khammam :-**

<b>S. No.</b>	<b>Location 1<sup>st</sup></b>	<b>Location 2<sup>nd</sup></b>
1.	<b>The Head Master</b> ZPSS, Rotary Nagar Khammam Mdl. & Dist. Telangana- 507001	<b>The Head Master</b> ZPSS, Jalagam Nagar Khammam Mdl. & Dist. Telangana- 507001

## SECTION -III

### GENERAL TERMS & CONDITIONS OF THE CONTRACT

#### DEFINITIONS: -

1. The contract means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the National Seeds Corporation Ltd, and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer and all these documents taken together, shall be deemed to form the contract and shall be complementary to one another.

**‘Employer’** means National Seeds Corporation Limited acting through its Chairman cum Managing Director including his authorized representative(s) who will employ the contractor and legal successor(s) in title and permitted assigns.

2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assignees to them: -

- a) The expression ‘works’ or ‘work’ shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent and whether original, altered, substituted or additional.
- b) The ‘Site’ shall mean the land and/or other places on, into or through which work to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may allotted or used for the purpose of carrying out the contract.
- c) The ‘Contractor shall mean the individual or firm or company whether incorporated or not, undertaking the works and shall include the legal personal representative or such individual or the person composing such firm or company, or the successors of such firm or company and the permitted assignees or such individual, firm or company.

The Corporation or NSC means the **National Seeds Corporation Ltd.**

- d) The ‘Engineer’ means the Engineer and includes the project Manager/ In charge who shall service and be in charge of the work or any other designation authorized by the Employer for the purpose of operating the contract.
  - e) Where the context requires, words imparting the singular only also include the plural number and vice-versa.
  - f) **‘Specification’** means the specification referred to in the tender and any modification there of or addition there to as may from time to time be furnished approved in writing by Engineer.
  - g) ‘District specification’ means the specifications followed by the State Govt. in the area where the work is to be executed.
  - h) ‘Approved’ means approved in writings and ‘approval’ means approval in writing.
  - i) Tendered value means the value of the entire work as stipulated in the letter of award.
  - j) Market rate shall be the rate as decided by the Engineer on the basis of the cost of the materials and labor at the site where is the work is to be executed plus the percentage mentioned in the schedule “F” to cover all over heads and profits.
  - k) Schedule (S) referred to in these conditions shall mean the relevant scheduled(s) annexed to the tender papers or the standard schedule of Rates of the government mentioned in Schedule “F” hereunder, with the amendments thereto issued to the date of receipt of the tender.
3. The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labor, material, tool, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities (Schedule-A) shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labors necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.



4. The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the schedule of quantities, which rates and prices shall, except as otherwise provided, over all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

**DESCRIPENCIES AND ADJUSTMENT OF ERRORS:**

5. The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figure dimensions in preference to scale and the special conditions in preference to general conditions.
- (i) In case of discrepancy between the schedule of Quantities, the Specifications and/or the Drawings, the following order of preference shall be observed: -
- a) Description of Schedule of Quantities.
  - b) Particular Specification and Special Condition as per manufacturer.
  - c) Drawings
  - d) C.P.W.D. specifications
  - e) Indian standard specification of B.I.S.
  - f) If there are varying or conflicting provisions made in any one document forming part of the contract, the Acceptance Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
  - g) Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.

**SIGNING OF CONTRACT**

6. The successful contractor, on acceptance of office tender by the accepting Authority shall, within 7 days from the stipulated date of start of the work sign the contract consisting of:
- (I) The notice inviting tender, all the documents including drawings, if any forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading there to.
  - (II) Various standard clause with corrections Up to the date stipulated in schedule "F" along with annexure there to.
    - (a) Model rules for the protection for the health, sanitary arrangements for workers employed by NSC or its contractors.
    - (b) Contractor's labor regulations.
    - (c) List of act and omissions for which fines can be imposed.

**ITEM RATE TENDER**

I/We hereby tender for the execution of the work for National Seeds Corporation, (A Govt. of India Undertaking) Secunderabad specified in the underwritten memorandum within the time specified in such memorandum at the rates specified therein, and in accordance in all respect with the specifications, designs, drawings and instructions in written referred to rule of General Rule and Guidance and with such materials as are provided for by and in all respect in accordance with such conditions so far as applicable.

Memorandum

- |  |        |               |
|--|--------|---------------|
| a) General description<br>b) Estimated cost<br>c) Earnest money<br>e) Security deposit | <br>—→ | AS PER NOTICE |
|--|--------|---------------|

I/We have read and examined the Notice schedules, specifications applicable, general rules and directions, conditions, schedule of rates and other documents and rules referred to in the tender document for the work.

The validity of the tender is for 90 days from the date of opening of tender.

The security deposit will be collected through deductions from the bills @ 5 % of work done till the sum along with earnest money deposited amount to 5 % of value of contract and that will be treated as security deposit.

The tender be accepted in whole or in part, I/We hereby agree (1) to abide by and fulfill all the terms & provisions of the said conditions annexed here to and all the terms and provision contained in the notice inviting tender so far as applicable, and or in default thereof to forfeit and pay to the Corporation or their successors, the sum of money mentioned in the said conditions.

I/We agree that the said Corporation or their successor in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said Performance Guarantee, otherwise said Performance Guarantee shall be retained for performance of contract onward for a period Up to two months from the date of completion of work. Earnest money shall be retained by them towards security deposit mentioned against clause (e).

(ii) to execute all the works referred to in the tender documents on the terms & conditions contained or referred to therein, and to carry out such deviations as may be ordered, up to a maximum of 100 % at the rates quoted in the tender documents and those in excess of that limit at the rates to be determined in accordance with the provisions mutually agreed.

Dated.....

Signature of Contractor

## **CLAUSES OF CONTRACT**

### **CLAUSE 1- RECOVERY OF SECURITY DEPOSIT**

The person/persons whose tender(s) may be accepted (hereinafter called 'the Contractor') shall permit National Seeds Corporation (hereinafter called the employer) at the time of making any payment to him for work done under the contract to deduct at the rate of 5 % of the gross amount of each running bill till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5 % of the tendered value of the work subject to maximum of Rs. 5,00,000/- (Rupees five lakhs only).

All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from or from any sums which may be due or may become due to the contractor or any account whatsoever and in the event of his security deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or any part thereof the security deposit shall be collected from running bills of the contractor at the rates mentioned above and the Earnest money if deposited in cash at the time of tenders will be treated as part of the Security deposit.

#### **Note – 1**

Govt. papers tendered as security will be taken @ 5% (five percent) below its market price or at its face value, whichever is less. The market price of Govt. papers would be ascertained by the Engineer at the time of collection of interest and the amount of interest to the extent of deficiency in value of the Govt. paper, will be withheld, if necessary.

#### **Note No.2**

Govt. securities will include all form of securities mentioned in Rule No.274 of the G.F. Rules except fidelity bond. This will be subject to the observance of the condition mentioned under the rule against each form of security.

### **CLAUSE 2 LIQUIDATED DAMAGES FOR DELAY**

If the contractor fails to comply with the time for completion in accordance with clause 5 or required progress for the whole of the work or if applicable any section within the relevant time prescribed and clear the site, in case of delay in completion of civil contracts, LD shall be levied from the contractor at the rate of **0.5%** (half percent) of the contract price per week of delay, subject to a maximum of 10% (ten percent) of the contract price. The payment of deduction of such damages shall not relieve the contractor from his obligation to complete the works, or from any other of his obligations and liabilities under the contract.

### **CLAUSE 3.1 SUSPENSION OF WORK**

The contractor shall, on the instructions of the engineer suspend the progress of the works or any part thereof for such time and in such manner as the Engineer may consider necessary and shall during such suspension, properly protect and secure the works or such part thereof so far as is necessary in the opinion of the Engineer unless such suspension is;

- a) Otherwise provided for in the contract, or
- b) Necessary by reason of some default or of breach of contract by the contractor of which he is responsible, or  
Necessary by reason of climatic conditions on the site, or
- c) Necessary for the proper execution of the works or for the safety of the works or any part thereof (save to the extent that such necessity arises from any act or default by the Engineer or the Employer or from any of the risks defined in the sub clause 3.1) Sub clause-3.2 shall apply.

### **3.2 DETERMINATION FOLLOWING SUSPENSION**

Where pursuant to sub clause 3.1 the sub clause applies, the Engineer shall, after consultation with the Employer determine;

- a) Any extension of time to which the contractor is entitled under clause 5, and
- b) The amount which shall be added to the contract price, in respect of the cost incurred by the contractor by reason of such suspension and shall notify the contractor with a copy to the Employer.

### **CLAUSE: - 4 CONTRACTOR LIABLE TO PAY DAMAGES EVEN IF ACTION NOT TAKEN UNDER CLAUSE-3**

In any case in which any of the powers conferred on the Engineer by the clause 3 thereof shall have become exercisable and the same shall not be exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for damages shall remain unaffected. In the event of the Engineer putting in force all or any of the powers vested in him under the preceding clause, he may if he so desired after giving a notice in writing to the contractor take possession of (or at the sole discretion of the Engineer which shall be final and binding on the contractor) use on as hire (the amount of the hire money being also in the final determination of the Engineer) all or any tools, plant material and stores in or on the works, or the site thereof, belonging to the contractor or procured by the contractor and intended to be used for execution of the work or any part thereof, paying or allowing for the same in account at the contract rates or in the case of these not being applicable, at current market rate to be certified by the Engineer whose certificate thereof shall be final and binding on the contractor otherwise the Engineer by notice in writing may order the contractor, foreman or other authorized agent to remove such tools, plant materials or stores from the premises (within the time specified in the notice) and in event the contractor failing to comply with any such requisition, the Engineer may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer as to the expense of any such removal and amount of the proceed and expense of any such sale shall be final and conclusive against the contractor.

### **CLAUSE: 5 EXTENSION OF TIME FOR COMPLETION**

1. In the event of:
  - a) The amount or nature of extra or additional work or
  - b) Exceptionally adverse climatic conditions, or
  - c) Any delay, impediment or prevention by the Employer, or
  - d) other special circumstances which may occur, other than through a default or breach of contract by the Contractor or for which he is responsible being such as fairly to entitle the Contractor to an extension of the Time for Completion of the works, or any section or part thereof, the Engineer shall determine the amount of such extension and shall notify the Contractor accordingly, with a copy to the Employer.

2. Contractor to provide notification and detailed particulars.

Provided that the Engineer is not bound to make any determination unless the Contractor has

- a) within 28 days after such even has first arisen notified the Engineer with a copy to the Employer, and
- b) within 28 days, or such other reasonable time as may be agreed by the Engineer, after such notification submitted to the Engineer detailed particulars of any extension of time to which he may consider himself entitled in order that such submission may be investigated at the time.

### **CLAUSE: 6 MEASUREMENTS OF WORK DONE**

The quantities set out in the Bill of Quantities are the estimated quantities for the works, and they are not to be taken as the actual and correct quantities of the works to be executed by the Contractor in fulfillment of his obligation under the Contract.

The Engineer shall, except as otherwise stated ascertain and determine, by measurement the value of the works in accordance with Clause. The Engineer shall, when he requires any part of the works to be measured, give reasonable notice to the Contractor's authorized agent, who shall:

- a) forthwith attend or send a qualified representative to assist the Engineer in making such measurement and
- b) supply all particulars required by the Engineer. Should the Contractor not attend, or neglect or omit to send such representative, then the measurement made by the Engineer or approved by him shall be taken to be the correct measurement of such part of the works. For the purpose of measuring such permanent works as are to be measured by records and drawings, the Engineer shall prepare records and drawings as the work proceeds and the Contractor, as and when called on to do so in writing, shall, within 14 days, attend to examine and agree such records and drawing with the Engineer and shall sign the same when so agreed. If the contractor does not attend to examine and agree such records and drawing, they shall be taken to be correct. If, after examination of such records and drawing, the contractor does not agree the same or does not sign the same as agreed, they shall nevertheless be taken to be correct, unless the Contractor within 14 days of such examination, lodges with the Engineer notice of the respect in which such records and drawing are claimed by him to be incorrect. On receipt of such notice, the Engineer shall review the records and drawings and either confirm or vary them.

The works shall be measured net, notwithstanding any general or local custom, except where otherwise provided for the Contract.

#### **CLAUSE: 7.1 COMPLETION CERTIFICATE AND COMPLETION PLAN**

Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer and within thirty days of the receipt of such notice the Engineer shall inspect the work and if there is no defect in the work shall furnish the contractor with a certificate of physical completion otherwise a provisional certificate of completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued but no certificate of completion, provisional or otherwise shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangement required for his/their work people on the site in connection with the execution of the work as shall have been erected or constructed by the contractor(s) and cleaned of the dirt from all wood work, doors, windows, walls, floors or other part of any building, in on or about which the work is to be executed or of he may have had possession for the purpose of the execution thereof and not until the work shall have been measured by the Engineer/. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding, surplus materials, rubbish, all huts and sanitary arrangements as aforesaid and cleaning off dirt on or before the date fixed for the completion of work the Engineer may at the expense of the contractor remove such scaffolding, surplus materials and rubbish etc. and dispose off the same as he thinks fit and clean of such dirt as aforesaid, and the contractor shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

#### **7.2 CONTRACTOR TO KEEP SITE CLEAN**

The splashes and droppings from white washing, color washing, painting etc. on walls, floors, doors, windows, etc. shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done without waiting for the actual completion of all the other items of work in the contract. In case the contractor fails to comply with the requirements of this clause, Engineer shall have the right to get this work done at the cost of the contractor either departmentally or through another agency. Before taking such action, the Engineer shall give two days' notice in writing to the contractor.

### **7.3 COMPLETION PLANS TO BE SUBMITTED BY CONTRACTOR**

The contractor on completion of the work shall submit to the employer's three bound sets of all "As constructed" drawing for every component of the work at his own cost and plan as required vide General specifications for Electrical Works (Part-I Internal) 1972 & (Part-II External) 1974 as applicable within thirty days of the completion of the work.

In case, the contractor fails to submit the completion plan as aforesaid he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs. 15,000/- (Rupees fifteen thousand only) as may be fixed by the Engineer shall be final and binding on the contractor

### **CLAUSE: 8 PAYMENT OF BILLS**

#### **8.1 RUNNING BILLS**

A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer for all works executed in the previous months and the Engineer shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim as far as admissible, adjusted as far as possible, before the expiry of ten days from the presentation of the bill. Engineer's consent for release of running bill shall be linked with the satisfactory progress of the work.

#### **8.2 FINAL BILL**

The final bill shall be submitted by the contractor in the same manner as specified in running bills within one month from the date of the final certificate of completion furnished by the Engineer. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments off those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer, will, as far as possible be made within the period specified herein under, the period being reckoned from the date of receipt of the bill by the Engineer or his authorized Officer, complete with account of materials, issued by the Corporation and dismantled materials.

- i) If the Tendered value of work is Up to Rs. 5 lakhs : 3 months
- ii) If the Tendered value of work exceeds Rs. 5 lakhs : 6 months

### **Clause 9. DISMANTLED MATERIAL EMPLOYER'S PROPERTY**

The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work etc. as Employer's property and such materials shall be disposed off to the best advantage of the Employer.

### **CLAUSE: 10 WORK TO BE EXECUTED ACCORDING TO SPECIFICATION ORDERS ETC.**

The contractor shall execute the whole and every part of the work in the most substantial and workman like manner and both as regard materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also confirm exactly fully and faithfully to the designs, drawings and instructions in writing in respect of the work signed by the Engineer and the contractor shall be furnished free of charge one copy of the such specifications, and of all such designs, drawings and instruction as are not included in the standard specification.

The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other thinks of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably responsibility for adequacy, suitability and safety of all the works and methods of construction.

## **CLAUSE: 11 VALUATION OF DEVIATIONS/VARIATIONS**

The Engineer shall have power (1) to make any alternations in omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions, that may appear to him to be necessary during the progress of the work, and (2) to omit a part of the work in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the work in accordance with any instructions given to him in writing by the Engineer and such alterations omission, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner above specified as part of the work, shall be carried out the contractor on the same conditions in all respect including price on which he agreed to do the main work. The time for the completion of the work shall in the proportion that the altered, additional or substituted work bears to the original contract work on the request of the contractor and the decision of the Engineer shall be conclusive.

**11.1** The rate for additional altered or substituted work referred to in clauses shall be worked out in accordance with the following provisions in their respective order: -

- i) If the rates for the additional, altered or substituted item of work is specified in the contract for the work, the contractor is bound to carry out additional, altered or substituted work at same rate as are specified in the contract for the work.
- ii) If the rates for the additional or substituted work includes any work for which no rate is specified in the contract for work and cannot be derived from similar class of work in the contract, then such work shall be carried out as the rates appearing in CPWD Schedule of Rates 2014 for location of work or state PWD rates whichever is less in order of preference with correction slips min us/plus percentage which the total tendered amount compares to the estimated cost of the entire work put to tender.
- iii) If the rates for the altered, additional or substituted work cannot be determined in the manner specified in sub clause (i) to (iii) above, then the rates for such part/parts will be determined by the Engineer on the basis of the prevailing market rates when the work was done.

**11.2** The Contractor shall send to the Engineer once every three months an Up to date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right. However, the Employer may authorize consideration of such claims on merits.

**11.3** Any operation incidental to or necessarily has to be in contemplation of tendered while filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.

## **CLAUSE: 12 FOR CLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK**

If at any time after the commencement of the work the Employer shall for any reasons decide to abandon or reduce the scope of the works and hence not required, the whole or part of works to be carried out the Engineer shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the foreclosure of whole or part of the work.

The contractor shall be paid at contract rates full amount for the works executed at site and in addition, a reasonable amount on account of the items as mentioned here under,

- i) the contractor shall be paid the charges on the cartage only of materials actually and bona fide brought to

the site of the work by the contractor and rendered surplus as a result of the abandonment curtailment of the work or any portion thereof and then taken back by the contractor, provided however, that the Engineer shall have in all such cases the option of taking over all or any such materials at their purchase price or at local current rates whichever may be less.

"In the case of such stores having been issued by the Employer and returned by the contractor to the Employer, credit shall be given to him by the Engineer at rates not exceeding those at which they were originally issued to him after taking into consideration and deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of the Engineer shall be final and binding.

### **CLAUSE: 13.1 CANCELLATION OF CONTRACT IN FULL OR PART**

#### **If contractor:**

- i) at any time makes default in proceeding with the work or any part of the work with the due diligence and continuous to do so after a notice in writing of 7 days from the Engineer.
- ii) commits default to complying with any of the terms & conditions of the contract and does not remedy, it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer.
- iii) fails to complete the works or items of work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer, or
- iv) shall enter into a contract with NSC in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Accepting Authority/Engineer, or
- v) shall obtain a contract with NSC as a result of wrong tendering or other non bona fide methods of competitive tendering; or
- vi) being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.

On cancellation of the contract in full or in part, the Engineer shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by Employer.

Any excess expenditure incurred to be incurred by Employer in completing the works or part of the works or the excess loss or damages suffered or may be suffered by Employer as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Employer in law be recovered from any moneys due to the contractor on any account, and if such moneys are not sufficient the contractor shall be called on in writing and shall be liable to pay the same within 30 days.

If the contractor shall fail to pay the required sum within the aforesaid period of 30 days, the Engineer shall have the right to sell any or all of the contractor's unused materials, constructional plant, implements, temporary buildings etc.

### **13.2 WHEN CONTRACT CAN BE TERMINATED**

Subject to other provisions contained in this clause the Engineer may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not



elapsed, by notice in writing absolutely terminate the contract in any of the following cases.

i) If the contractor having been given by the Engineer a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or unworkman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.

ii) If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Engineer (which shall be final and binding) he will be unable to secure completion of the work by the date for completion and continues to do so after a notice in writing of seven days from the Engineer.

iii) If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms in conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer.

iv) If the contractor commits any acts mentioned in Clause 21 hereof, when the contractor has made himself liable for action under any of the cases aforesaid the engineer on behalf of employer shall have powers.

v) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of the Engineer shall be conclusive evidence) on such determination or rescission the full security deposit recoverable under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the NSC if any portion of the Security Deposit has not been paid or received it would be called for an forfeited.

vi) After giving notice to the contractor to measure the work of the contractor and to take such whole, or the balance or part thereof as shall be un-executed of his hands and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work has been executed by him (of the amount of which excess the certificate in writing of the Engineer shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by NSC under his contract or on any other account whatsoever or from his security deposit or the proceeds of sales thereof or a sufficient part thereof as the case may be. If the expenses incurred by the Department are less than the amount payable to the contractor at his agreement rate, the difference shall not be paid to the contractor.

**CLAUSE: 14 MEASUREMENTS OF WORK BEYOND REACH**

If the contractor shall give, not less than seven days' notice in writing to the Engineer or his representative, before covering or otherwise placing beyond the reach of measurements, any work in order that the same may be measured and correct dimensions thereof be taken before the same is so covered or placed beyond the reach of measurement and shall not cover any work without the consent in writing of the Engineer or his Representative shall within the aforesaid period of seven days inspect the work, and if any work shall be covered or placed beyond the reach of measurement without such notice having been given or the Engineer consent being obtained the same shall be uncovered at the contractors expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

**CLAUSE: 15 ACTION IN CASE WORK NOT DONE AS PER SPECIFICATION**

All work under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of the Engineer and his authorized representative and other senior officers related to Quality Control and of Chief Technical Examiner's office and the contractor shall at all times during the usual working hours and at all other times at which reasonable notice of the visit of such officers have been given to the contractor, either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer or his authorized representative at work or to the Chief Technical Examiner

or his subordinate Officers, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract the contractor shall, on demand in writing which shall be made within six months of the completion of the work from the Engineer specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charges and cost. In the event of the failing to do so within a period specified by the Engineer in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under Clause 2 of the contract (for non-completion of the work in time) for this default.

In such case the Engineer may not accept the item of work at the rates applicable the item of work at the rates applicable under the contract but may accept such items at reduced rates as the competent authority may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the Engineer to be conveyed in writing in respect of the same will be final and binding on the contractor.

#### **CLAUSE: 16 CONTRACTOR LIABLE FOR DAMAGES, DEFECTS DURING MAIN TENANCE PERIOD**

If the contractor or his working people or servants shall break, deface, injure or destroy and part of building, in which they may be working, or any building, main or ancillary or other installation fixture etc. or any part of it is being executed or if any damage shall happen to the work while in progress, from any cause whatsoever or if any defect, shrinkage or other faults appear in the work within twelve months after a certificate final or otherwise of its completion shall have been given by the Engineer as aforesaid arising out of defective or improper materials or workmanship, the contractor shall on a receipt of a notice in writing on that behalf make the same good at his own expense, or in default the Engineer may cause the same to be made good by other workman and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor or from his security deposit, or the proceeds of sale thereof or of a sufficient portion thereof from the security deposit of the contractor.

#### **CLAUSE: 17 CONTRACTOR TO SUPPLY TOOLS & PLANTS ETC.**

The contractor shall provide at his own cost all materials (except such special materials if any, as may in accordance with the contract be supplied by Employer plant tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work. Whether original, altered or substituted and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of Engineer as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor, shall also sply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting in the measurement for examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Engineer at the expense of the contractor and the expense may be deducted, from any money due to the contractor, under the contract and/or from his security deposit thereof.

#### **CLAUSE: 18.1 RECOVERY OF COMPENSATION PAID TO WORKMAN**

In every case in which by virtue of the provisions of sub-section (i)\_ of section 12 of the Workmen's Compensation Act, 1923, Government is obliged to pay compensation to a workman employed by the contractor the amount of the compensation so paid; and without prejudice to the rights of the Employer under

Section 12, sub-section (ii) of the said Act. Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Employer to the contractor whether under this contract or otherwise. Employer shall not be bound to contest any claim made against it under Section 12, sub-section (i) of the Said Act, except on the written request of the contractor and on his giving to Employer full security for all costs for which Employer might become liable in consequence such claim.

**CLAUSE: 18.2 ENSURING PAYMENT AND AMENITIES TO WORKERS IF CONTRACTOR FAILS**

In every case in which by virtue of the provisions of the contract labour (Regulation and Abolition) Act 1970 and of the contract labour (Regulation and Abolition Central Rules 1971) Employer is obliged to pay any amounts of wages to a Workman employed by the contractor in execution of the works or to incur any expenditure providing welfare and health amenities required to be provided under the above said Act and the Rules under Clause 19 and sanitary arrangements for workers employed by Contractors. NSC will recover from the contractor the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the right of the Employer under, Section 20 Sub section (2) and Section 21 sub-section (4) of the contractor Labour (Regulation & Abolition Act 1970). Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due to the contractor whether under this agreement or otherwise. Employer shall not be bound to contest any claim made against section 20 sub section (1) & Section 21, sub-section (4) of the said Act, except on the written request of the contractor and on his giving to the Employer full security for all costs for which Employer might become liable in contesting such claim.

**CLAUSE: 19 SETTLEMENT OF DISPUTES AND ARBITRATION**

**19.1 ENGINEERS' DECISION**

If a dispute of any kind whatsoever arises between the Employer and the contractor in connection with, or arising out of, the contract or the execution of the works, whether during the execution of the works or after their completion and whether before or after repudiation or other termination of the contract, including any dispute as to any opinion, instruction, determination, certificate or valuation of the Engineer, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this clause. No later than the eighty fourth day after the day on which he received such reference the Engineer shall give notice of his decision to the employer and the contractor. Such decision shall state that it is made pursuant to the Clause.

Unless the contract has already been repudiated or terminated, the contractor shall, in every case, continue to proceed with the works with all due diligence and the contractor and the employer shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided, in an amicable settlement or an arbitrator award.

If either the Employer or the contractor be dissatisfied with any decision of the Engineer or if the Engineer fails to give notice of his decision on or before the eighty fourth day after the day on which he received the reference, then either the Employer or the contractor may, on or before the seventieth day after the day on which he received notice of such decision, on or before the seventieth day after the day on which the said period of 84 days expired, as the case may be given notice to the other party, with a copy for information to the Engineer, of his intention to commence arbitration, as herein after provided, as to the matter in dispute. Such notice shall establish the entitlement of the party giving the same to commence arbitration, as hereinafter provided as to such dispute and subject to Sub Clause

**19.2** No arbitration in respect thereof may be commenced unless such notice is given.

If the Engineer has given notice of his decision as to a matter in dispute to the Employer and the Contractor and no notice of intention to commence arbitration as to such dispute has been given by either the Employer or the Contractor on or before the seventieth day after the day on which the parties received notice as to such decision

from the Engineer, the said decision shall be come final and binding on the employer and the contractor. Request for arbitration by the contractor shall be entertained by the employer only after completion of work.

## **20.1 AMICABLE SETTLEMENT**

Where notice of intention to commence arbitration as to a dispute has been given in accordance with Sub Clause 19.1 arbitration of such dispute shall not be commenced unless and attempt has first been made by the parties to settle such dispute amicably. Provided that, unless the parties otherwise agree, arbitration may be commenced on or after the fifty sixth day after the day on which notice of intention to commence arbitration of such dispute was given, whether or not any attempt at amicable settlement thereof has been made.

## **21. ARBITRATION: -**

The arbitration on this tender shall be governed by the following conditions: -

### **21.1 Jurisdiction of subject: -**

All the disputes/differences between the parties as may be arising out of the present tender documents and subsequent to the execution of the agreement between the parties including interpretation of the terms and agreement shall be subject to the exclusive jurisdiction of Courts at New Delhi/Delhi only.

### **21.2 Arbitration Clause:**

In case any dispute arises between the NSC and the other party due to any term or matter, both the parties will opt to resolve it through mutual understanding and discussion. In case, dispute remains even after discussions, then it shall be binding upon the parties to resolve issue under the provision of Arbitration and conciliation Act, 1996 as amended from time to time. Under this provision, the Chairman-Cum-Managing Director, National Seeds Corporation Limited with the concurrence of both the parties shall appoint sole arbitrator to resolve the issue and both the parties will have to abide by the decision. The parties will bind to resolve the dispute through arbitration before going to court of law. The Arbitration shall be conducted at New Delhi and shall in English Language. The court of Delhi shall have the jurisdiction.

The Arbitrator shall have powers to enlarge time for making & publishing the Award with the consent of the parties. If the claims involved in a dispute are of more than Rs. one lakh, the Arbitrator shall make a speaking award as per provision of Arbitration & Conciliation Act 1996.

In case the contractor/supplier is a Public Sector Undertaking, the above clause shall not be applicable and in that event the following clause shall apply.

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for arbitration to the sole arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Govt. of India, In charge of the Department of Public Enterprises. The Arbitration & Conciliation Act, 1996 shall not be applicable to the arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal and Affairs, Ministry of Law and Justice, Govt. of India. Upon such reference, the dispute shall be decided by the Law Secretary or the Special Secretary/Additional Secretary when so authorized by the Law Secretary whose decision shall bind the parties finally and conclusively. The parties to the disputes will share equally the cost of arbitration as intimated by the Arbitrator.

### **21.3 Force Majeure Clause**

Due to failure of any of the parties in the performance of the Agreement on the happening of Civil disturbance, War, Act of God and other unforeseeable circumstances beyond the control of any of the parties, the party as default shall not be guilty, if that party serves on the other party, a notice of such circumstances and upon the end of the above situations, that party will again serve the notice on the other party about the removal of the above mentioned events. The notice shall be issued within 48 hours from the happening of the event.

**CLAUSE: 22 EMPLOYMENT OF TECHNICAL STAFF AND EMPLOYEES**

Contractors superintendence, supervision, technical staff and employees.

i. The contractor shall provide all necessary superintendence during execution of the work and as along thereafter as may be necessary for proper fulfilling of the obligations under the contract.

The contractor shall immediately after receiving letter of acceptance of the tender and before commencement of the work, intimate in writing to the Engineer the name, qualifications, experience, age, address and other particulars along with certificates, of the principal technical representative to be in charge of the work. Such qualifications and experience shall not be lower than specified in schedule 'f'. The Engineer shall within 15 days of receipt of such communication intimate in writing his approval or otherwise of such a representative according to the provisions on the contractor in this respect. Such a principal technical representative shall be appointed by the contractor soon after receipt of the approval from Engineer and shall be available at site within fifteen days of start of work.

If the contractor (or any partner in case of firm/company) who himself has such qualifications, it will not be necessary for the said contractor to appoint such a principal technical representative but the contractor shall designate and appoint a responsible agent to represent him and to be present at the work whenever the contractor is not in a position to be so present. All the provisions applicable to the principal technical representative under the Clause will also be applicable in such a case to contractor or his responsible agent. The principal technical representative and/or the contractor shall on receiving reasonable notice from the Engineer or his designated representative(s) in charge of the work in writing or in person or otherwise, present himself to the Engineer and/or at the site of work, as required, to take instructions.

Instructions given to the principal technical representative or the responsible agent shall be deemed to have the same force as if these have been given to the contractor. The principal technical representative and/or the contractor or his responsible authorized agent shall be actually available at site during important stages of execution of work, recording of measurement of works and whenever so required by the Engineer, his designated representative in the site order book and shall affix his signature in token of noting down the instructions and in token of acceptance of measurements.

If the Engineer whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative or agent is effectively appointed or is effectively attending or fulfilling the provision of this clause, a recovery shall be effected from the contractor as specified in schedule 'f' and the decision of the Engineer as recorded in the site order book and measurement recorded in measurement book shall be final and binding on the contractor. Further, if the contractor fails to appoint a suitable technical representative or responsible agent and if such appointed persons are not effectively present or do not discharge their responsibilities satisfactorily, the Engineer shall have full powers to suspend the execution of the work until such date as a suitable agent is appointed and the contractor shall be held responsible for the delay so caused to the work. The contractor shall submit a certificate of employment of the technical representative/responsible agent along with every on account bill/fixed bill and shall produce evidence if at any time so required by the Engineer.

The contractor shall provide and employ on the site only such technical assistance as are skilled and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work.

The contractor shall provide and employ skilled, semiskilled and unskilled labour as is necessary for proper and timely execution of the work.

The Engineer shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconducts himself or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer and the persons so removed shall be replaced as soon as possible by competent substituted.

**CLAUSE: 23 Split of work:**

The whole work, may be split between two or more contractors or accepted in part and not in entirely, if considered expedient.

**CLAUSE: 24 LEVY/TAXES PAYABLE BY CONTRACTOR**

- i) Sales tax or any other tax on material in respect of this contract shall be payable by contractor and Employer shall not entertain any claim whatsoever in this respect.
- ii) The contractor shall obtain necessary permit and have to deposit royalty for sply of the red bajri, stone, moorum etc. from local authorities, if required.
- iii) If pursuant to on under any law such notification or order any royalty, or the like becomes payable by the Employer by the contractor to the State Government. Local authorities in respect of any material used by the contractor in the works then in such a case. It shall be lawful to the Employer and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from the dues of the contractor.

**CLAUSE: 25 PROGRESS REPORT**

The contractor shall submit in quadruplicate a progress report to the Engineer on every 15<sup>th</sup> day of work. The format of the report shall be decided in consultation with the Engineer, to meet the work schedule requirement.

**CLAUSE: 26 BRIBES/COMMISSION**

Any bribe/commission, gift or advantage given promised by or on behalf of the contractor or his partner, agent or servant or any one, on his or their behalf to any officer, servant, representative or agent of the Engineer or to any person on his behalf in relation to the obtaining or to the execution of this or any other contract with the Employer shall in addition to any criminal liability which he may incur, subject to the contractor to the cancellation of this and all other contracts with the Employer and also to the payment of any loss or damage resulting from any such cancellation. The Employer shall be entitled to deduct the amounts so payable from any money otherwise due to the contractor under this or any other contract Any Question or dispute as to the commission of any offense under the present Clause shall be settled in accordance with the law for the time being in force and applicable in India.

**CLAUSE: 27 DRAWINGS AND PHOTOGRAPHS OF THE WORKS**

The contractor shall not disclose of drawings furnished to him and works on which he is engaged without the prior approval of the Engineer in writing. No photograph of the works or any part thereof or plant employed thereon shall be taken or permitted by the contractor to be taken by any of his employees or any employees of his sub-contractors without the prior approval of the Engineer in writing and no such photographs shall be published or otherwise circulated without the approval of the Engineer in writing.

## SAFETY CODE

- i) Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra 'Mazdoor' shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal and 1 vertical)
- ii) Safe means of access shall be provided to all working platform and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m (30 feet) in length while the width between side rails rung ladder shall in no case be less than 29 cm (11-1/2") for ladder Up to and including 3m (10 feet) in length. For longer ladders with width should be increased at least 1/4" for each additional 30cm (12") of length uniform step, spacing shall not exceeding 30cm (12"). Adequate precaution shall be taken to prevent danger from electrical equipment. No materials on any of the site of work shall be stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident, and shall be bound to bear the expenses of defense of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit, action proceedings to any such person or which may, with the consent of the contractor, be paid to compromise any claim by any such person.
- iii) Excavation & Trenching. All trenches, 1.2 m (4 feet) or more in depth, shall at all times be spliced with at least one ladder for each 30m (100 feet) in length or fraction thereof ladder shall extend from bottom of the trench to at least 90 cm (3 feet) above the surface of the ground. The side of the trenches which are 1.5 m (5 feet) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 m (5 feet) of the edges of the trench or half of the depth of trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
- iv) Demolition: Before demolition work is commenced and also during the process of the work:
- a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
  - b) No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
  - c) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.
  - d) All necessary personal safety equipment as considered adequate by the Engineer should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned: -
  - e) In injurious to the eyes work shall be provided with protective goggles.
  - f) Those engaged in welding works shall be provided with welder's protective eye shields.
  - g) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
  - h) The contractor shall not employ men and women below the age of 18 years on the work of painting with products containing lead in any form. Wherever, an above the age of 18 years are employed on the work of lead painting, the following precautions should be taken:
    - a) No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
    - b) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scraped.
    - c) Overalls shall be supplied by the contractor to the workmen and adequate facilities shall be provided to enable the working painters to wash during the cessation of work.
    - d) An Additional clause (viii) (i) of NSC safety code in the contract shall not employ women and men below the age of 18 on the work of painting with product containing lead, in any form wherever men above the age of 18 are employed on the work of lead painting.
    - e) Every crane driver or hoisting appliance operator shall be properly qualified and no person under the

age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signal to operator.

f) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load each safe working load and the conditions under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except, for the purpose of testing.

g) In case of departmental machines, the safe working load shall be notified by the Elect/. Engineer. As regards contractor's machine the contractor shall notify the safe working load of the machine to the Engineer whenever he brings any machinery to site of work and get it verified by the Electrical Engineer concerned.

h) Motors, gearing transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safe guard. Hoisting appliances should be provided with such means as shall reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displayed. When workers employed on electrical installations which are already energized insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The workers should not wear any rings, watches and carry keys or other materials which are the good conductors of electricity.

i) All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at near places of work.

j) These safety provision should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.

k) To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer, Engineer of the department or their representatives.

l) Notwithstanding the above clauses from (10 to xiv) there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.



## CONTRACTOR LABOUR REGULATION SHORT TITLE

1. These regulations may be called the National Seeds Corporation Ltd., Contractor Labour Regulations.

### **2. DEFINITIONS: -**

i) 'Workman' means any person employed by NSC or its contractor directly or indirectly through a sub-contractor with or without the knowledge of the National Seeds Corporation to do any skilled, semi-skilled or unskilled manual supervisory, technical or electrical work for hire or reward whether the terms of employment are expressed or implied but does not include any person:

a) Who is employed mainly in a managerial or administrative capacity: or

b) Who, being employed in a supervisory capacity drawn wages exceeding five hundred Rupees per month for exercised either by the nature of the duties attached to the office or by reason of powers vested in him, functions mainly of managerial nature.

c) Who is an out worker, that is to say a person to whom, any articles or materials are given out by or on behalf of the principal employer to be made, cleaned, washed, altered, ornamental finished, repaired, adopted or otherwise processed for sale for the purpose of the trade or business of the principal employer and the process is to be carried out either in the home of the out worker or in some other premises, not principal employer.

ii) Fair Wages shall include every person who undertake whether for time or piece work fixed & notified under the provisions of the Minimum Wages Act from time to time.

iii) 'Contractors' shall include every person who undertake to produce a given result other than a mere supply of goods or articles of manufacture through contract labour or who supplied contract labour for any work and includes a sub-contractor.

iv) 'Wages' shall have the same meaning as defined in the payment of Wages Act.

3. a) Normally working hours of an adult employee should not exceed 9 hours a day & in case of child 4-1/2 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on one day.

b) When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid overtime for the extra hours put in by him at double the ordinary rate of wages. Children shall not be made to work extra hours.

c) i) Every worker shall be given a weekly holiday normally on a Sunday in accordance with the provisions of the minimum wages (Central) Rules 1960 as amended from time to time irrespective of whether such worker is governed by the Minimum Wages Act or not.

ii) Where the Minimum wages prescribed by the National Seeds Corporation under the Minimum Wages Act are not inclusive of the Wages for the weekly day of rest, the worker shall be entitled to rest day wages at the rate applicable to the next proceeding day, provided he had worked under the same contractor for a continuous period of not less than 6 days.

iii) Where a contractor is permitted by the Engineer to allow a worker to work on a normal weekly holiday, he shall grant a substituted holiday to him for the whole day on one of the five days immediately before or after the normal weekly holiday and pay wages to such worker for the work performed on the normal weekly holiday at overtime rate.

### **4. DISPLAY OF NOTICE REGARDING WAGES ETC.**

The contractor shall before he commences his work on contract, display and correctly maintain and continue to display and correctly maintain in a clean and legible condition in conspicuous places on the work, notices in English and in the local Indian Languages spoken by the majority of the workers, giving the minimum rates of wages fixed under the Minimum Wages Act, the actual wages being paid, the hours of work for which such wages are earned, wage periods, date of payments of wages and other relevant information's as per Appendix 'A'.

## **5. PAYMENT OF WAGES**

- i) The contractor shall fix wage period in respect of which wages shall be payable.
- ii) No wage period shall exceed one month.
- iii) The wages of every person employed as contract labour in an establishment or by a contractor where less than one thousand, such persons are employed shall be paid before the expiry of seventh day and in other cases before the expiry of tenth day after the last day of the wage period in respect of which the wages are payable.
- iv) Where the employment of any worker is terminated by or on behalf of the contractor the wages earned by him shall be paid before the expiry of the second working day from the date on which his employment is terminated.
- v) All payments of wages shall be made on a working day at the work premises and during the working time and on a date notified in advance and in case the work is completed before the expiry of the wage period; final payment shall be made within 48 hours of the last working day.
- vi) Wages due to every worker shall be paid to him direct or to other person authorized by him in this behalf.
- vii) All wages shall be paid in current coin or currency or in both.
- viii) Wages shall be paid without any deductions of any kind except those specified by the National Seeds Corporation by general or special order in this behalf of permissible under the payment of wages Act, 1956.
- ix) A notice showing the wages period and the place and time of disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer under acknowledgment.
- x) It shall be the duty of the contractor to ensure the disburse of wages in the presence of the Engineer or any other authorized representative of the Engineer who will be required to be present at place and time of disbursement of wages by the contractor to workman.
- xi) The contractor shall obtain from the Engineer or any other authorized representative of the Engineer as the case may be, a certificate, under his signature at end of the entries in the "Register of Wages" or the "Wages-cum-Muster Roll" as the case may be in the form.

## **6. LABOUR RECORDS**

- i) The contractor shall maintain a "Register of persons Employed" on work on contract in Form XIII of the CL (R&A) Central Rules 1971 (Appendix - IV)
- ii) The contractor shall maintain a 'Muster Roll' Register in respect of all workmen employed by him on the work under contractor in Form XVI of the CL (R&A) Rules 1971 (Appendix - V).
- iii) The Contractor shall maintain a wage register in respect of all workmen employed by him on the work under Contract in Form XVII of the CL (R&A) Rules 1971 (Appendix V).
- iv) Register of Accidents: "The contractor shall maintain a register of accidents in such form as may be convenient at the work placed but the same shall include the following particulars".
  - a) Full particulars of the labourers who met with accident.
  - b) Rate of wages.
  - c) Sex.
  - d) Age.
  - e) Nature of accident and cause of accident.
  - f) Time and date of accident.
  - g) Date & time when admitted in Hospital.
  - h) Date of discharge from the Hospital.
  - i) Period of treatment and result of treatment.
  - j) Percentage of loss of earning capacity and disability as assessed by Medical Officer.
  - k) Claim required to be paid under Workmen's Compensation Act.
  - l) Date of payment of compensation.
  - m) Amount paid with details of the person to whom the same was paid.
  - n) Authority by whom the compensation was assessed.

- o) Remarks.
- p) Register of Fines Contractor shall maintain a "Register of Fines" in the form XXII of C1 (R&A) Rules 1971 (Appendix - XII).
- v) The contractor shall display in a good condition and in a conspicuous place of work the approved list of Acts and Omissions for which fines can be imposed (Appendix - X).
- vi) Register of Deductions: The contractor shall maintain a Register of deductions for damage or loss in form XX of the CL (R&A) Rules 1971 (Appendix - XII)
- vii) Register of Advance: The contractor shall maintain a 'Register of Advances' in form XXII of the CL (R&A) Rules 1971 (Appendix XIII).
- viii) Register of overtime: The contractor shall maintain a Register of Overtime in Form XXXIII of the CL (R&A) Rules 1971 (Appendix XIV).

**7. ATTENDANCE CARD-CUM-WAGE SLIP**

i) The contractor shall issue an attendance Card-cum-Wage slip to each workmen employed by him in the specimen form at (Appendix VII).

ii) The card shall be valid for each wage period.

iii) The contractor shall mark the attendance of each workman on the card twice each day, once at the commencement of the day and again after the rest interval, before the actually starts work.

The card shall remain in possession of the worker during the wage period under reference.

v) The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages in respect of the wage period under reference.

vi) The contractor shall obtain the signature or thumb impression of the worker on the wage slip at the time of disbursement of wages and retain the card with himself.

**8. EMPLOYMENT CARD;**

The contractor shall issue an Employment Card in Form XIV of the CL(R&A) Central Rules 1971 to each worker within three days of the employment of the worker (Appendix-VIII).

**9. SERVICE CERTIFICATE:**

On termination of employment for any reason whatsoever, the contractor shall issue to the workman whose services have been terminated, a service certificate in Form XV of the CL(R&A) Central Rules, 1971 (Appendix-IX).

**10. PRESERVATION OF LABOUR RECORDS**

All records required to be maintained under regulations Nos. 6 & 7 shall be preserved in original for a period of three years from the date of last entries made available for inspection by the Engineer or Labour Officer or any other officers authorized by the Department of works and Housing in this behalf.

**11. POWER OF LABOUR OFFICER TO MAKE INVESTIGATIONS OR ENQUIRY**

The Labour Officer or any other person authorized by National Seeds Corporation on their behalf shall have power to make inquiries with a view to ascertaining and enforcing due and proper observance of the Fair Wage Clauses and the Provision of Regulations. He shall investigate into any complaint regarding the default made by the Contractor or sub-contractor in regard to such provisions.

The labour officer or other person authorized as fore said shall submit a report of result of his investigations or inquiry to the Engineer concerned indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractor's bill be made and the wages and other dues be paid to the labourers concerned. In case an appeal is made by the contractor under Clause of these regulations, actual payment to labourers will be made by the Engineer after the Engineer has given his decision on such appeal.

The Engineer shall arrange payments to the Labour concerned within 45 days from the receipt of the report from the Labour Officer or the Engineer as the case may be.

## **12. REPORT OF LABOUR OFFICER**

The Labour Officer or other persons authorized as aforesaid shall submit a report of result of his investigation or enquiry to the Engineer concerned indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractor's bill be made and the wages and other dues to be paid to the labourers concerned. In case any appeal is made by the contractor under clause 13 of these regulations, actual payment to labourers will be made by the Engineer after the Engineer has given his decision on such appeal.

The Engineer shall arrange payments to the labour concerned within 45 days from the receipt of the report from the Labour Officer or the Engineer as the case may be.

## **13. APPEAL AGAINST THE DECISION OF LABOUR OFFICER**

Any person aggrieved by the decision and recommendation of the Labour Officer or other person so authorized may appeal such decision to the Engineer concerned within 30 days from the date of decision, forwarding simultaneously a copy of his appeal to the Engineer concerned but subject to such appeal, the decision of the Officer shall be final and binding on the contractor.

## **14. PROHIBITION REGARDING REPRESENTATION THROUGH LAWYER**

- i) A workman shall be entitled to be represented in any investigation or an enquiry under these regulations by: -
- a) An Officer of a registered trade union of which he is a member.
  - b) An Officer or a federation of trade unions referred to in clause (a) is affiliated.
  - c) Where the employer is not a member of any registered trade union, by an officer of a registered trade union, connected with, the industry in which the worker is employed.
- ii) An employer shall be entitled to be represented in any investigation or enquiry under these regulations by: -
- a) An Officer of an association of employers of which he is a member.
  - b) An Officer of federation of associations of employers to which association referred to in clause (A) is affiliated.
  - c) Where the employer is not a member of any association of employers by an officer of association of employer, connected with industry or by any other employer, engaged in the industry in which the employer is engaged.
- iii) No party shall be entitled to be represented by a legal petitioner in any investigation or enquiry under these regulations.

## **15. INSPECTIONS OF BOOKS AND SLIPS**

The contractor shall allow inspection of all the prescribed labour recorded to any of his workers to his agent at a convenient time and place after due notice is received or to the Labour Officer or any other person, authorized by the National Seeds Corporation on his behalf.

## **16. SUBMISSION OF RETURNS**

The contractor shall submit periodical returns as may be specified from time to time.

## **17. AMENDMENTS**

The National Seeds Corporation may from time to time and to or amend the regulations and on any question as to the application, interpretation or effect of those regulations the decision of the Engineer concerned in this behalf shall be final.

### **LIST OF PROFORMA FOR REGISTERS (Appendix- I to XIII)**

1. Register of workman employed by Contractor
2. Muster Roll
3. Register of wage
4. Wage Card & Wages slip
5. Register of advance.
6. Register of over time.

### **LIST OF ACTS AND OMISSIONS FOR WHICH FINES CAN BE IMPOSED**

In accordance with rule 7(v) of the NSC Contractor's Labour Regulations to be displayed prominently at the site of work both in English & local language.

- 1) Willful insubordination or disobedience, whether alone or in combination with other.
- 2) Theft fraud or dishonesty in connection with the contractors beside a business or property of NSC.
- 3) Taking or giving bribes or any illegal gratification's.
- 4) Habitual late attendance.
- 5) Drunkenness, fighting, riotous or disorderly or indifferent behavior.
- 6) Habitual negligence.
- 7) Smoking near or around the area where combustible or other materials are locked
- 8) Habitual in-discipline.
- 9) Causing damage to work in the progress or to property of the NSC or of the contractor
- 10) Sleeping on duty
- 11) Malingering or slowing down work.
- 12) Giving of false information regarding name, age, father's name etc.
- 13) Habitual loss of wage cards supplied by the employers.
- 14) Unauthorized use of employer's property of manufacturing or making of unauthorized particle at the work place.
- 15) Bad workmanship in construction and maintenance by skilled workers which is not approved by the department and for which the contractors are compelled to undertake rectifications.
- 16) Making false complaints and /or misleading statements.
- 17) Engaging on trade within the premises of the establishments.
- 18) Any unauthorized divulgence of business affairs of the employees
- 19) Collection or canvassing for the collection of any money within the premises of an establishment unless authorized by the employer.
- 20) Holding meeting inside the premises without prior sanction of the employer.
- 21) Threatening or intimidating any workman or employer during the working hours within the premises.

## SECTION-IV

### SPECIFICATIONS & CONDITIONS FOR MODIFICATION & DISMANTLING WORKS

#### **(A) Dismantling**

The term dismantling implies carefully separating the parts without damage and removing. This may consist of dismantling one or more parts of the building as specified or shown on the drawing.

#### **(B) Demolition**

The term Demolition implies breaching. This shall consist of demolishing whole or part of work including all relevant items as specified or shown on the drawing.

#### **Precautions**

1. All materials obtained from dismantling or demolition shall be the property of the Government unless otherwise specified and shall be kept in safe custody until they are handed over to the Engineer-in-charge before starting the work.
2. The demolition shall always be well planned before hand and shall generally be done in reverse order of the one in which the structure was constructed. The operations shall be got approved from the Engineer-in-charge before starting the work.
3. Due care shall be taken to maintain the safety measures prescribed in IS; 4130 and safety code of terms and conditions.
4. Necessary propping, shoring and or under pinning shall be provided to ensure the safety of the adjoining work or property before dismantling and demolishing is taken and the work shall be carried out in such a way that no damage is caused to the adjoining work or property. Wherever specified, temporary enclosures or partitions shall also be provided, as directed by the Engineer-in-Charge.
5. Necessary precautions shall be taken to keep down the dust nuisance to the minimum.
6. Dismantling shall be done in a systematic manner. All materials which are likely to be damaged by dropping from a height or by demolishing roofs, masonry etc. shall be carefully removed first. The dismantled articles shall be removed manually or otherwise, lowered to the ground (and not thrown) and then properly stacked as directed by the Engineer-in-Charge.
7. Where existing fixing is done by nails, screws, bolts, rivets, etc., dismantling shall be done by taking out the fixing with proper tools and not by tearing or ripping off.
8. Any serviceable material, obtained during dismantling or demolition, shall be separated out and stacked properly as directed by the by the Engineer-in-Charge.
9. All unserviceable materials rubbish etc. shall be disposed off as directed by the Engineer-in-Charge.
10. The contractor shall maintain/disconnect existing services, whether temporary or permanent.

#### **Measurements**

All work shall be measured net in the decimal system, as fixed in its place, subject to the following limits, unless otherwise stated hereinafter.

(a) Dimensions shall be measured correct to a cm.

(b) Areas shall be worked out in sqm correct to two places of decimal. (c) Cubical contents shall be worked out to the nearest 0.01 cum.

Parts of work required to be dismantled and those required to be demolished shall be measured separately. Measurements of all work except hidden work shall be taken before demolition or dismantling and no allowance for increase in bulk shall be allowed. Specifications for deduction for voids, opening etc. shall be on the same basis as that adopted for new construction of the work.

Work executed in the following conditions shall be measured separately.

(a) Work in or under water and /or liquid mud.

(b) Work in or under foul positions.

Rates: The rate shall include the cost of all labour involved and tools used in demolishing and dismantling including scaffolding. The rate shall also include the charges for separating out and stacking the serviceable material properly and disposing off unserviceable materials as directed by the by the Engineer-in-Charge.

The rate shall also include for temporary shoring for the safety of portions not required to be pulled down, or of adjoining properly, and providing temporary, enclosures or partitions, where considered necessary.

## **ADDITIONAL SPECIFICATION FOR ELECTRICAL WORK**

- 1) The work shall be carried out as per CPWD Specifications 2005, amended Up to date and Indian Electricity Rules 1956 amended-to-date.
- 2) The contractor shall obtain prior approval from the Engineer-in –charge for the material to be used at site of work.
- 3) The contractor shall have to submit the completion plan in triplicate along with one set of tracing cloth/paper failing which charges will be deducted from the final bill as per clause 8.3 of the contract.
- 4) The work shall be carried out in full co-operation with the other contractors working at site.
- 5) All inter connection shall be carried out with suitable lengths of cables, commensurate with current carrying capacity with solder less thimbles, all earth connections with metal boards shall be made only with soldered thimbles lugs. Nothing extra shall be paid to the contractor on these accounts.
- 6) Piano type switches & sockets of Anchor/Cona (ISI) make shall only be used with suitable color Hylam sheet cover with full “HYLAM” inscription on it. Nothing extra paid on this account. Colour of the sheet shall be got approved from the Engineer-in-charge.
- 7) The route of conduits & cables is to be got approved from the Engineer-in-charge.
- 8) The drawing showing the arrangement of switches gears and dimensions for angle iron or sheet metal boards shall have to be got approved from the Engineer-in-charge before fabrication and installation at site of work.
- 9) Earthing shall be carried out in presence of Engineer-in-charge or his authorized representative.
- 10) All damages done to the building during execution of the work shall have to be made good by the electrical contractor at his own cost and risk for which nothing extra shall be paid.
- 11) The contractor will have to arrange the removal of the Malba /debris etc. to the site decided by the Engineer-in-charge after each day’s work and nothing extra will be paid on this account. It will be the contractor’s responsibility to keep the site neat and clean after completion of the work otherwise the site shall be got clear at the risk and cost of the contractor.
- 12) The contractor will make his own arrangements for watch & ward of the materials and electrical installations until the work is completed and handed over to the department in full. No extra payment will be made to the contractor for the same.
- 13) The check nuts are to be provided on both ends of the conduits whenever it enters any metallic box, frame etc.
- 14) The contractor is bound to sign the site order book as and when required by the Engineer-in- charge or his authorized representative.
- 15) Persons expecting the work should have electrical license as required according to the Indian Electricity Act.
- 16) The contractor will have to submit the completion certificate as per Annexure “E” of General specifications for electrical work, 2005. The prescribed test shall have to be conducted in the presence of Engineer-in-charge.
- 17) All AC switches & SDB’s shall be numbered and other lettering work done on SDB’s and main board as required by the Engineer-in-charge. Nothing extra shall be paid on this account.
- 18) Completed portion of the work shall not be taken over in parts unless otherwise agreed over by the Engineer-in-charge.

## **Section-V**

### **SCOPE OF WORK AND TECHNICAL SPECIFICATION**

#### **SCOPE OF WORK: -**

1. The scope of work includes Supply, installation, integration with existing electrical system, flawless synchronizing / paralleling with electricity grids, Testing & commissioning of Solar Photovoltaic Power System/Plants including 05 years' comprehensive warranty and maintenance at Khammam district.
2. Supply of all components, sub components, spares and tools etc. necessary to make the system complete shall be the responsibility of successful bidder.
3. The installation is to be on the rooftops of two separate buildings with 3 KW capacity at each location will of poly crystalline PV modules.
4. Total erection works and material item supplies should be carried out as per applicable latest CE, IS, IEC & IEEE standards / codes with solar grade with IP65 / IP66 protections.

**NOTE: - The said work is invited on direct discount basis without claiming the subsidy applicable as per Govt. Policy.**

#### **Total Associated Engineering Works (both supply & erection):**

##### **A) Electrical: -**

1. Power cables, communication cables & control cables of armored and Solar grade.
2. Synchronizing / Paralling equipment's to achieve flaw less synchronizing with electricity board grid i.e. 100% utilization solar power.
3. Lighting arresters, earthing, cable trays, cable trenches, terminations and etc.
4. Armoured copper cables for power should be laid up to AC junction box.
5. From AC junction box to main junction box near DG room with armoured aluminum power cable should be considered.
6. Modification of existing outgoing feeder protection, metering and control circuits of air circuit breaker (ACB) and energy meter to suite for receiving solar power for grid connection
7. Two point earthing with separate earth pits with GI strips for following items :-
  - A. Civil supporting structure.
  - B. Modules.
  - C. Inverters
  - D. DC junction, Distribution & combiner boxes
  - E. AC junction & combiner boxes
  - F. Lighting arrester
  - G. Approval of NSC should be obtained on designed drawing before executions

##### **b. Civil: -**

1. GI structural supports to mount PV panel as per approved/required design and drawings.
2. Drilling holes 100mm deep in concrete in beams and columns grouting the same with Hilty injectable grout before and after inserting 12mm dia reinforcement and casting RCC (1:2:3) pedestals. The work also includes 20mm dia 300 long anchor bolts to be laid at the time of casting.
3. Providing PCC (1:2:3) pedestal as per drawing and laying 20mm dia anchor bolts at the time of casting.
4. Providing, fabricating and laying galvanized structural steel section, plates, nuts washer and bolts, and cable tray as per drawing/requirement with thickness of galvanizing of 120 microns.
5. Providing and laying cement plaster and doing water proof treatment around the pedestals to prevent



leakage of water.

6. All GI structural steel section should be 'CE' quality certified.

7. In Nano building drilling & grouting of bolts should be allowed only on columns (i.e. no drilling of holes on RCC folded slab) and only mounting support can be allowed. So that entire load is transferred to columns and ground.

9. Damaged existing water proofing sheet should be re-laid with new one and also around the civil pedestals, to ensure no rain water will leak inside the building after completion of the total erection works.

10. The civil & structural works should be carried out as per the civil drawings approved.

11. The GI structural design is for 150KM / hours wind speed.

#### **TECHNICAL SPECIFICATION:**

##### **Definition –**

A Grid Tied Solar Rooftop Photo Voltaic (SPV) power plant consists of SPV array, Module Mounting Structure, Power Conditioning Unit (PCU) consisting of Maximum Power Point Tracker (MPPT), Inverter, and Controls & Protections, interconnect cables and switches. PV Array is mounted on a suitable structure. Grid tied SPV system is without battery and should be designed with necessary features to supplement the grid power during day time. Components and parts used in the SPV power plants including the PV modules, metallic structures, cables, junction box, switches, PCUs etc., should conform to the BIS or IEC or international specifications, wherever such specifications are available and applicable.

##### **Solar PV system shall consist of following equipment's/components: -**

- ❖ Solar PV modules consisting of required number of **Crystalline** PV modules.
- ❖ Grid interactive Power Conditioning Unit with Remote Monitoring System
- ❖ Mounting structures
- ❖ Junction Boxes.
- ❖ Earthing and lightening protections.
- ❖ IR/UV protected PVC Cables, pipes and accessories

##### **A. SOLAR PHOTOVOLTAIC MODULES:**

1. The PV modules used should be made in India.
2. The PV modules used must qualify to the latest edition of IEC PV module qualification test or equivalent BIS standards Crystalline Silicon Solar Cell Modules IEC 61215/IS14286. In addition, the modules must conform to IEC 61730 Part-2- requirements for construction & Part 2 – requirements for testing, for safety qualification or equivalent IS.
  - a) For the PV modules to be used in a highly corrosive atmosphere throughout their lifetime, they must qualify to IEC 61701/IS 61701
  - b) The total solar PV array capacity should not be less than allocated capacity (kWp) and should comprise of solar crystalline modules of minimum **250** Wp and above wattage. Module capacity less than minimum **250** watts should not be accepted. The module efficiency should not be less than 15% and the fill factor should not be less than 0.70.
  - c) The PV modules will be warranted for a minimum period of 25 years from the date of supply. (Output wattage should not be less than 90% at the end of 10 Years and 80% at the end of 25 years.

3. Protective devices against surges at the PV module shall be provided. Low voltage drops bypass diodes shall be provided and if required, blocking diode(s) may also be provided.
4. The peak power point voltage and the peak power point current of any supplied module and/or any module string (series connected modules) shall not vary by more than 2 (two) per cent from the respective arithmetic means for all modules and/or for all module strings, as the case may be.
5. The module frame shall be made of corrosion resistant materials, preferably having anodized aluminum.
6. The module shall be provided with a junction box with either provision of external screw terminal connection or sealed type and with arrangement for provision of by-pass diode. The box shall have hinged, weather proof lid with captive screws and cable gland entry points or may be of sealed type and IP-65 rated.

#### 7. IDENTIFICATION AND TRACEABILITY

Each PV module must have sticker inside the module with the following information:

- A. Name of the manufacturer of the PV module
- B. Month & year of the manufacture (solar cells and modules)
- C. Country of origin (separately for solar cells and module)
- D. I-V curve for the module Wattage,  $I_m$ ,  $V_m$  and FF for the module
- E. Unique Serial No and Model No of the module
- F. Date and year of obtaining IEC PV module qualification certificate.
- G. Name of the test lab issuing IEC certificate.
- H. Other relevant information on traceability of solar cells and module as per ISO 9001 and ISO 14001

**Test reports/ certificate from IEC/NABL accredited laboratory to be mandatorily enclosed for relevant IEC/equivalent BIS Standards.**

##### **Warranties: -**

- I. Material Warranty is defined as: The manufacturer should warrant the Solar Module(s) to be free from the defects and/or failures specified below for a period not less than five (05) years from the date of sale to the original customer ("Customer")
- II. Defects and/or failures due to manufacturing
- III. Defects and/or failures due to quality of materials
- IV. Non conformity to specifications due to faulty manufacturing and/or
- V. inspection processes. If the solar Module(s) fails to conform to this warranty,
- VI. the manufacturer will repair or replace the solar module(s), at the Owners
- VII. sole option

#### **B. Power Conditioning Unit (PCU) cum Invertor: -**

As SPV array produce direct current electricity, it is necessary to convert this direct current into alternating current and adjust the voltage levels to match the grid voltage. Conversion shall be achieved using an electronic Inverter and the associated control and protection devices. All these components of the system are termed the "Power Conditioning Unit (PCU)". In addition, the PCU shall also house MPPT (Maximum Power Point Tracker), an interface between Solar PV array & the Inverter. If necessary. Inverter output should be compatible with the grid frequency.

Operating ambient temperature range shall be considered at - 10 °C - +60 °C and relative humidity 0 – 95%. And Output voltage 230V+2% of modified/ pure sine wave for single phase PCU & 415 V +2% for

three phase PCU. Output frequency: 50 Hz $\pm$ 0.5 Hz

### **C. Mounting Structure**

- I. The module & frame structure shall be mild steel, hot dipped galvanized (120 micron) with corrosion resistant painting for holding the PV modules.
- II. Each panel frame structure shall be so fabricated as to be grouted on ground on its legs. The size of angle iron/C channel should not be less than 40X40X5 mm. Anti-Theft Nut Bolts of SS (with washers) should be used for mounting modules for better theft proofing. Regarding civil structures, the bidder need to take care of the load bearing capacity of the roof and need arrange suitable structures based on the quality of roof.
- III. The total load of the structure (when installed with PV modules) on the terrace should be less than 60 kg/m<sup>2</sup> and the minimum front clearance of the structure from the roof level should be 300 mm.
- IV. The legs of the structures made with hot dip GI angles will be fixed and grouted in the RCC foundation columns made with 1:2:4 cement concrete. The foundation should be as per design of structure to withstand maximum wind loading.
- V. There shall be a minimum air gap of 3 $\pm$  0.3-cm between the facing edges of two adjacent modules on all sides.
- VI. Each panel frame structure shall have inclination between 20- 40 degrees depending on the site location seasonal load requirement. A weather proof junction box as per the relevant ISI specifications, to be provided where the module terminals shall be interconnected and output taken.
- VII. All nuts bolts and fasteners should be made of stainless steel.
- VIII. The structure should be designed to allow easy replacement of any module and shall be aligned with site requirement.
- IX. The structure should be designed for simple mechanical and electrical installations. It will be designed to withstand severe cyclone/ storm with the speed max.150 Km/hr. as per IS 875 part 3.
- X. The systems should be installed at ground level / roof top at least the height of 45 Centimeter with a CC block of 30X30X30 Cm with each support.

### **D. JUNCTION BOXES (JBs)**

The junction boxes are to be provided in the PV array for termination of connecting cables. The J. Boxes (JBs) shall be made of GRP/FRP/Powder Coated Aluminium /cast aluminium alloy with full dust, water & vermin proof arrangement. All wires/cables must be terminated through cable lugs. The JB's shall be such that input & output termination can be made through suitable cable glands.

### **E. DC DISTRIBUTION BOARD:**

- I. DC Distribution panel to receive the DC output from the array field.
- II. DC DPBs shall have sheet from enclosure of dust & vermin proof conform to IP 65 protection. The bus bars are made of copper of desired size. Suitable capacity MCBs/MCCB shall be provided for controlling the DC power output to the PCU along with necessary surge arrestors.

## **F. AC DISTRIBUTION PANEL BOARD**

- I. AC Distribution Panel Board (DPB) shall control the AC power from PCU/inverter, and should have necessary surge arrestors. Interconnection from ACDB to mains at LT Bus bar while in grid tied mode.
- II. All switches and the circuit breakers, connectors should conform to IEC 60947, part I, II and III/ IS60947 part I, II and III.
- III. The changeover switches, cabling work should be undertaken by the bidder as part of the project.
- IV. All the Panel's shall be metal clad, totally enclosed, rigid, floor mounted, air -insulated, cubical type suitable for operation on three phase / single phase, 415 or 230 volts, 50 Hz.
- V. The panels shall be designed for minimum expected ambient temperature of 45 degree Celsius, 80 percent humidity and dusty weather.
- VI. All indoor panels will have protection of IP54 or better. All outdoor panels will have protection of IP65 or better.
- VII. Should conform to Indian Electricity Act and rules (till last amendment).
- VIII. All the 415 AC or 230 volts' devices / equipment like bus support insulators, circuit breakers, SPDs, VTs etc., mounted inside the switchgear shall be suitable for continuous operation and satisfactory performance under the following supply conditions

## **G. PCU/ARRAY SIZE RATIO:**

- I. The combined wattage of all inverters should not be less than rated capacity of power plant under STC.
- II. Maximum power point tracker shall be integrated in the PCU/inverter to maximize energy drawn from the array.

## **H. PROTECTIONS**

The system should be provided with all necessary protections like earthing, Lightning, and grid islanding

## **I. METERING AND GRID CONNECTIVITY**

Metering and grid connectivity of the roof top solar PV system under this scheme would be the responsibility of the Bidder in accordance with the prevailing guidelines of the concerned DISCOM and / or CEA (if available by the time of implementation). [NAME OF THE ORGANISATION]/SNA could facilitate connectivity; however, the entire responsibility lies with bidder only.

## **J. INSTALLATION OF SYSTEM:**

The system should be properly installed at site. The SPV module mounting structure should be properly grouted depending upon the location and requirement of the site. The grouting should be such that it should withstand the maximum wind speed /storm. Adequate space should be provided behind the PV module/array for allowing un-obstructed air flow for passive cooling. Cables of appropriate size should be used to keep electrical losses to a bare minimum. All wiring should be in a proper conduit or capping case. Wire should not be hanging loose. Any minor items (or main item) which are not specifically included in the scope of supply but required for proper installation and efficient operation of the Solar Power Generator/Plant system are to be provided by the manufacturer as per standards.

## RECOMMENDED MAKES OF ELECTRICAL EQUIPMENTS.

1	Transformer	a)	Siemens India Ltd.
		b)	NGEF Ltd
		c)	Crompton Greaves Ltd.
		d)	GEC Ltd
		e)	Jyoti Ltd.
		f)	Kasun (Madras)
		g)	NEI Ltd.
		h)	ITE Hyderabad
		i)	BHEL
2	HT Circuit breaker and fuse switch units.	a)	Siemens India Ltd.
		b)	NGEF Ltd
		c)	GEC Ltd
		d)	MET Ltd.
		e)	Jyoti Ltd.
		f)	Crompton Greaves Ltd.
		g)	Allind
		h)	Kirloskar
		i)	Voltas
		J	BHEL
3	LT switch gear (PCC) and motor control centre (MCC)	a)	Larsen & Tubro)
		b)	Siemens India Ltd.
		c)	Bhartia Cutler Hamper
		d)	English Electric company
4	Cables	a)	Cable Corporation of India
		b)	Fort Gloster
		c)	TCC
		d)	NICCO
		e)	Grandlay
		f)	Universal
		g)	Asian cables
		h)	Industrial cable
5	Ceiling fans	a)	GEC Ltd
		b)	Philips
		c)	Usha
		d)	Crompton
		e)	Orient
		f)	Cool home
6	Exhaust fans	a)	GEC Ltd
		b)	Philips
		c)	Usha
		d)	Crompton
		e)	Cool home
7	Lighting fixtures	a)	Incandesocent fixtures.
		b)	GEC Ltd
		c)	Philips
		d)	Decon
		e)	Crompton
II	Flourescent and HPMV fixtures.		
		a)	Philips
		b)	GEC
		c)	Crompton
		d)	Anchor
		e)	Mysore Lamps
		f)	Best & Crompton Ltd.

**NATIONAL SEEDS CORPORATION LTD.**  
**Section - VI**

**Annexure-A**

**(To be submitted to NSC in online mode 'Technical Bid')**

**FORM FOR TECHNICAL BID**

**To**  
The Regional Manager,  
National Seeds Corporation Ltd.,  
Secunderabad

**FROM**

-----  
-----  
-----

Sir,

**Profile of our Company is as under:**

1.1. Constitution or legal status of Bidder (Attach Copy)

- Place of registration: \_\_\_\_\_
- Principal place of business: \_\_\_\_\_
- Power of attorney of signatory of Bid

A. Work experience, work performed similar type: -

Year	Name & Address of Contract Person with his Mb. No.,	Description of work	Work Order No. & Date	Value (Rs. in lakhs)	Stipulated period of Completion	Actual date of Completion	Remarks explaining reasons for delay and work completed.
1	2	3	4	5	6	7	8

❖ Attach a copy of Work Orders and proof of completion.

B. Information of Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on the date of this bid.

(A) Existing commitments and on-going works:

Name of work	Place and State	Contract No. & Date	Name & Address of Contract	Value of Contract (Rs.)	Stipulated period of completion	Value of order yet to be completed	Anticipated date of Completion
1	2	3	4	5	6	7	8

\*Attach sporting documents.

(B) Capabilities with respect to personnel, equipment and manufacturing facilities

1. Availability of infrastructure.

Name of the Building	Size (Sq. Mtr.)	Type of Structure
1	2	3

2. Availability of Equipment.

Item of Equipment	Available No. & Capacity	Owned/leased/ to be procured	Nos./Capacity	Age/Condition	Remarks (From whom to be purchased)
1	2	3	4	5	6

3. Availability of Personnel.

Type of Employee	No.	Qualification	Experience
1	2	3	4

C. Qualification and experience of key personnel proposed for administration and execution of the Contract.

Position	Name	Qualification	Years of Experience (general)	Years of experience in the proposed position.	Contact No.
1	2	3	4	5	6

4. Financial statement including Annual report: of last 3 years along with copies. Average annual Turnover in last three years should be submitted.

Financial year	Annual Turnover (Rs. in Lakh)	Annual Profit/ loss (Rs. in Lakh)	Remarks

5. Registration:

TIN/VAT No.	GST No.

6. Income tax Details: -

EMD :	PAN	Returns for Last Two Years (attached)	
		Year	Copy

Online	Date & Time	Amount

7. Particular of Banker:

Name and address of Banker	Type of Account	Account No.	IFS Code	MICR Code

8. MSME registration details (NSIC registered unit) along with a valid copy of NSIC Registration Certificate (Attach) :

Registration No.	Category of Firm General/ SC/ST	Validity Period	Registered Item/Items	Quantitative Capacity	Monetary Limit

9. Information on litigation history in which the Bidder is involved.

Other party( s)	Employer	Cause of dispute	Amount	Remarks involved showing present status
1	2	3	4	5

10. Department/Institution/Public Enterprises/Undertaking and no arbitration case is lying pending with this office as on date as per Performa attached in annexure A-1 (Copy Attached).

11. Authorization for Signing Bid (With Valid Ltr) (Attach).

I hereby certify that all the information mentioned above are true and in case any information is found to be incorrect, my bid may be treated as rejected by NSC management.

Thanking you,

Stamp of the Company

Signature: -----

Place: -  
-----

Name of Authorized Signatory: - -----

Date:-  
-----

Complete Postal Address: -----

Phone No.: -----  
-----

Mb. No. :-



**FORM OF AGREEMENT**

Contract no. ....

Dated .....

This agreement is made between National Seeds Corporation Limited, Area Office-----  
----- having its registered office at Beej Bhawan, Pusa complex, New Delhi-110012 as the first part, referred  
here after as corporation and M/S or  
Sh.....  
, the party as the second part, referred as contractor for at-----  
-----.

Whereas the Corporation being desirous of having performing the provision of works mentioned above, enumerated or referred in Notice inviting Tender, General conditions of contract, specifications, Drawing and other documents constituting the tender and acceptance thereof, copy hereto annexed, all of which are designed in form of this contract and are included in the term 'CONTRACT' whenever here in used.

And whereas the Corporation accepted the tender of contractor for the provision and the execution of the said work on the terms and conditions as contained in the tender documents submitted by the contractor form in part of the contract.

Now this agreement witnessed and it is hereby agreed and declared as follows:

1 The consideration of the payment to be made to the contractor for the works to be executed by him the contractor hereby covenant with the corporation of contractor shall and will duly provide, execute and complete the said works in ..... months as per the terms of the contract and maintain the same at his own cost during the maintenance period, "..... ". thereafter , perform all other acts and things in the contract mentioned or described or which are to be implied there from or may be reasonable necessary for the completion of the said works and at the times and in the manner and subject to the terms and conditions or stipulations mentioned in the contract.

2 In consideration of the due provision, execution and completion of the said works, the corporation does hereby agree to pay to the contractor for the works actually done by him at the rates quoted by the contractor against the bill of quantities forming part of the tender documents and accepted by the corporation or at Agreed Rates and such other sums are may become payable to the contractor under the provision of the contractor such payments to be made at such time and in such manner as provided for in the contract.

3 And in consideration of the above, the contractor does hereby agree to pay to the Corporation the sums as may be due to the corporation for the services, if any, rendered by the corporation to the contractor and such other sum or sums as may become payable to the corporation as per the terms and conditions of contractor, such payment to be made at such manner as it provided in the contract.

4 Notwithstanding the execution of this agreement at any place other than Delhi the parties expressly agree that this Agreement shall be deemed to have been signed at Delhi and the courts at Delhi alone shall have jurisdiction in respect of this contract and dispute if any. The parties shall not take any proceedings in any other court having concurrent jurisdiction in the matter.

In witness where of the parties hereto have signed on the date respectively set under their signatures.

**SIGNED AND DELIVERED FOR AND ON BEHALF OF AT**

In the presence of: -

Witness 1 \_\_\_\_\_.

2 \_\_\_\_\_.

**SIGNED AND DELIVERED FOR AND ON BEHALF OF AT**

In the presence of :-

Witness 1 \_\_\_\_\_.

2 \_\_\_\_\_.

**NATIONAL SEEDS CORPORATION LTD.**

**Annexure-A-1**

**Affidavit Certificate**

I /We \_\_\_\_\_ (Name, Designation and Address) hereby declaring that my/our firm/Company has not been neither black-listed nor de-barred from participation in tender by any of the Govt. Department/ Organization /PSUs /Institution etc., where I /We had supplied the goods during the last \_\_\_\_\_ years as well as no arbitration case pending in NSC.

**Annexure-A-2**

I/We have read and understood e-tender Terms & Conditions and I agree to abide by them. I hereby certified that all the information mentioned above & provided by me are true and in case of any information is found to be incorrect, my bid may be treated as rejected by NSC Management. Above information is true to our knowledge and belief.

Signature of Authorized  
signatory

Name Designation

Name of the Firm/Company Full address \_

stamp \_\_\_\_\_

Place: \_\_\_\_\_ Dated: \_\_

\*\*\*\*\*

# **PART – B**

# राष्ट्रीय बीज निगम लिमिटेड

(भारत सरकार का उपक्रम - मिनी रत्न कंपनी)

क्षेत्रीय कार्यालय :17-11, तुकाराम गेट, नार्थ लालागुड़ा, सिकंदराबाद- 500017

## SECTION - VII

**(IT IS TO BE SUBMITTED TO NSC IN ONLINE MODE 'PRICE BID')**

To,

Regional Manager

National Seeds Corporation Ltd., Secunderabad

From-

Sir,

We have examined the prescribed specification and read the Terms & Conditions of E- Tender No.-----  
-, issued under File No -----Dated ----- for 3KW solar panel system on turnkey basis.  
Our rates to your specification, Terms & Conditions for below work are mentioned as under: -

S. No.	Particulars	Qty.	Unit Rate, Rs.	Total Amount, Rs
1.	Supply, Installation, integration with existing electrical system, Testing & Commissioning of 3KW solar panel system inclusive of all allied necessary work at Khammam and approval of the Department.	2 unit (each 3Kw)		
			Add @ GST ...%	
			Grand Total, Rs	

The rate shall include the cost of all labour, material, equipment, transport (loading, unloading and lifting), necessary approval from department and all taxes i.e. GST etc.  
Quantities and number of above works may increase or decrease as per requirement of Corporation.

We agree to the terms and conditions specified in the tender no ..... It is certified that the price quoted is reasonable and not higher than the price usually charged for the same nature to the other work.

Name\_\_\_\_\_

Designation \_\_\_\_\_

Name of the Firm/Company \_\_\_\_\_

Full address \_\_\_\_\_

Place: \_\_\_\_\_

Dated: \_\_\_\_\_

Rubber stamp\_\_\_\_\_

**CHECK LIST FOR TECHNICAL EVALUATION OF E-TENDER**

SN	Particulars	Remarks/ Yes or No
1	Tender fee as per NIT (Non- refundable):- Online mode.	
2	EMD as per tender, online mode.	
3	Certificate of registration of the firm.	
4	Partnership Deed if Partnership firm.	
5	Authorization for signing if it is limited company or partnership firm.	
6	An affidavit of ownership if proprietary firm/sole traders.	
7	PAN Number	
8	Income-tax Return for the current & two previous year	
	ITR-2020-21 -Value	
	ITR-2019-20 - Value	
	ITR-2018-19 - Value	
	Current status-	
9	Name and addresses of the Bank,	
	Account No.,	
	IFSC Code.	
10	Copy of registration for :-	
	i) GST	
	ii) PF, ESI or Labour License	
11	Performance / experience certificate :-	
12	Work done certificate during last four years	
	2017-18 Rs.----- lakhs	
	2018-19 Rs.----- lakhs	
	2019-20 Rs.----- lakhs	
	Current status-	
14	Affidavit certificate that not black listed/Debarred and no arbitration case pending in this office.	
16	MSME / NSIC certificate with validity of time and item with MSME UDYOG ADHAR MEMORANDUM	
17	Technical Bid	
18	Other document if any in support of the tender.	
19	Address of the contractor	
	Contact No.	
	E-mail ID	

**Signature with seal**