



NATIONAL SEEDS CORPORATION LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

REGIONAL OFFICE : 17-11 Tuka Ram Gate North Lalaguda Secunderabad

No.Engg/NSC-HYD/NDL-Elect./2019-20

Date:01.01.2020

E-TENDERNOTICE

National Seeds Corporation Ltd. (NSC), Regional Office, Secunderabad-500017 (Telangana) invites online E-tenders under two bid system from reputed Contractors (of same nature work experience) for **Supply, Installation, Testing and Commissioning of 250KVA Substation including all allied equipment and Civil work** at Area office, National Seeds Corporation Ltd, Koilakuntla Road, Noonepally Nandyal-518503. Details of work are as under

S.No	Name of Work	Approximate value of work	EMD	Cost of Tender Documents	Period of Completion
1.	Supply, Installation & Commissioning 250KVA substation including civil and other necessary work.	14.50 Lacs	30000.00	1180/- inclusive of GST18%	2 Month

Tender document may be downloaded from the website www.indiaseeds.com, <https://eprocure.gov.in> or <https://indiaseeds.eproc.in> from 01-01-2020 to 22-01-2020 up to 14.00 hrs. The E-tender will be open on 22-01-2020 at 14.30 hrs. The EMD & application will be paid in online mode only through e-tendering portal only. If there is any change of any kind in the tender, then NSC will upload changes on the above website only.

Regional Manager
NSC, Secunderabad

NATIONAL SEEDS CORPORATION LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

REGIONAL OFFICE: Secunderabad

(CINNO:U74899DL1963GOI003913)



TERMS & CONDITIONS OF E-TENDER/CONTRACT FOR

Name of work: -Supply, Installation, Testing and Commissioning of 250KVA Substation inclusive of all allied equipment and necessary civil work along with Licenses from Concern Department at Area office, National Seeds Corporation Ltd, Koilakuntla Road, Noonepally Nandyal-518503

TENDER SHOULD BE SUBMITTED IN TWO BIDS SYSTEM ONLINE

TENDER DOCUMENT AVAILABLE FOR ONLINE SUBMISSION: 22-01-2020 UP TO 14.00 hrs.

ON NSC e-Portal: <http://indiaseeds.eproc.in>

OPENING OF TENDER (TECHNICAL BID): Dated 22.01.2020 at 14.30 Hours

**COST OF TENDER FORM Rs. 1180/- (Rs. One thousand one hundred and eighty only) paid online only
(Civil & Electrical works).**

Contact details:

Particulars	Telephone	E-mail
Regional Office -Secunderabad	040-27731152	rm.secunderabad@indiaseeds.com
Area Office- Nandyal	08514-246207	nandyal@indiaseeds.com
Web Site	www.indiaseeds.com , https://indiaseeds.eproc.in	

INDEX

<u>S.N</u>	<u>DESCRIPTION</u>	<u>PAGENO.</u>
1	Notice InvitingE-Tender(NIT)	4
	PART-A	5
	SECTION -1	
2	InstructionstoTenderers-onlinemode	5-6
	SECTION –II	
3	General Rule & guidance for E-Tender	7-8
	SECTION –III	
4	General Terms & Condition of Contract	9-11
5	Clause of Contract	12-31
6	Safety Code	32-34
7	Model Rules for the Protection of Health and Sanitary Arrangements	35-37
8	Contractor Labour Regulations	38-42
9	List of Acts and omissions	43
	SECTION-IV	
10	Specification & conditions for Modification and dismantling work	44
11	Additional specification for electrical work	45
12	Recommended makes of electrical equipments.	46
	SECTION-V	
13	Form of Technical Bid	47-49
	SECTION-VI	
14	Form of Agreement	50
15	Affidavit	51
	PART-B	52
	SECTION - VII	
16	Form of PriceBid	53-54
17	ChecklistforTechnicalQualifying	55

NATIONAL SEEDS CORPORATION LIMITED
(A GOVT. OF INDIA UNDERTAKING)
REGIONAL OFFICE: Secunderabad -500017
(CIN NO: U 74899 DL 1963 GOI 003913)

No.Engg/NSC-HYD/NDL-Elect./2019-20

Date:01.01.2020

NOTICE INVITING E-TENDER

National Seeds Corporation Ltd. (NSC), Regional Office ,Secunderabad-500017 (Telangana) invites online E- tenders under two bid system for **Supply, Installation, Testing and Commissioning of 250KVA Substation inclusive of all allied equipment and necessary civil work along with Licenses from Concern Department** at Area office, National Seeds Corporation Ltd, Koilakuntla Road, Noonepally Nandyal-518503 from reputed Contractors Registered in appropriate class with CPWD/PWD/Municipal Authorities/SemiGovt. Organization.

a. NameofWork	Supply, Installation, Testing& Commissioning 250KVA substation including all allied equipment and necessary civil work.
b. Location	National Seeds Corporation Ltd. Koilakuntla Road, Noonepally, Nandyal.
c. Estimatedcost	Rs.14.5 Lakhs(For Civil & Electrical installations)
d. CompletionPeriod	Twomonths
e. Earnest Money	Rs.30000.00(Rs.Thirty Thousand only).
f. Date & Time for submission of e-tender	22-01-2020Upto13.00hours.submission of e-tender
g. Date&Timeforopeningof e-tender	22-01-2020 at 14.30hours.

1. Tender document will be available on NSC e-Portal:<https://indiaseeds.eproc.in> Upto 22-01-2020 till 14.00 hours for uploading.
2. PartiesparticipatingforTenderEMDamountshouldbesubmittedonlinealongwithcostoftender document.
3. **(Price bid)** will be opened on suitable date & time which will be communicated to all responsive bidders throughE-mail.
4. Tenderers should be submitted both Technical bid and Price bid strictly as per instructions to tenderersgiveninPart-Aofthetenderdocuments.
5. TendernotaccompaniedwithrequisiteamountofEMD&Tendercostandnotsubmittedasper instructionscontainedinthetenderdocumentareliableforrejection.
6. Micro Small Enterprises (MSEs) registered with NSIC for the quoted item under single point registrationschemeareexemptedfrompaymentofcostoftenderdocumentandEMDaswellas entitlentoavailthebenefitofPublicProcurementPolicyforMicroandSmallEnterprises(MSEs) 2012,accordingtothepolicyapprovedintheNSCsubjectto furnishdocumentaryproofinsupport of their claim along with theirrequest.
7. Thesuccessfulbiddershavetosign"**Agreement**"withNSC.
8. The Corporation reserves the right to accept or reject any/all tenders without assigning any reasonwhatsoeveranddecisionoftheCorporationshallbefinalandbindingontenderer.
9. Quantitiesandnumberofaboveworksmayincreaseordecrease as per requirement of corporation.

RegionalManager

PART -A

INSTRUCTIONS TO BIDDER – ONLINE MODE

DEFINITIONS:

C1 India Private Limited: Service provider to provide the e-Tendering Software. **NSCL 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>.

I. 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 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
- 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 help desk, please contact e-Tendering Cell and Help Desk Support Monday to Friday Ph: **0124-4302033/36/37, 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, Secunderbad.
2. The contractor should read the specifications carefully before submitting e-tender.
3. The earnest money as per Notices should accompany the e-tender in the shape of online payment only. Contractors/firm who are registered with MSME are exempted for submitting the tender fees as well as EMD.
4. (a) 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.
(b) The contractor will have to give an undertaking that he will submit the proof of remittance of PF/ESI through challan at the time of bill payment. In case of non-furnishing of such proof, 4.7% (four point seven percent) of the value of the bill amount of work shall be withheld by NSC which can be released only after production of the required document.
If it is incumbent upon NSC to deposit with hold amount with EPF authorities, the same shall be deposited by NSC with EPF authorities. After deposition of the amount, NSC shall not refund this to the contractor even on production of EPF Challans.
(c) NSC shall also recover labor Cess @ 1% from each RA bill and shall be deposited with the Labor Board of the concerned state by the contractor and on providing the receipt to the NSC and it will be reimburse to the contractor. In case the Labor Board is not established in the state, recovery made by NSC shall be retained under suspense and will be deposited with the Labor Board as & when established in the state.
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 rates quoted by the contractor are in % above or % below against the estimated cost referred in Schedule of the tender will be taken as correct and not the amounts worked out by them.
8. 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.
9. Time allowed for carrying out the work will be Two month.
10. 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.
11. Tenders who do not fulfill all or any of the above conditions or incomplete tenders in any respect are liable to be summarily rejected.
12. The e-tenders submitted with any additional conditions are liable to be summarily rejected.
13. Mobilization advance shall not be applicable.
14. Certificate of financial soundness issued by the bankers with the complete address be submitted along with the tender.
15. 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.

16. 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.
17. Water & Electricity for work of whatsoever purpose related to the work will be arranged by the contractor. Wherever the same is provided by the Department consumption charges shall be borne by the contractor @ **1.5%** of the work value.
18. 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.
19. The rates shall be inclusive Upto all heights, materials, labours, tools & plants and taxes etc. as per site condition.
20. The memorandum of work tendered for and the schedule of material to be supplied by the NSC and their issue rates, shall be filled in and completed in the office of the Area Manager / Regional Manager, Ajmer / Jaipur before the tender form is issued. If form is issued to an intending tender without having been so filled in and complete, he shall request the officer to have this done before he completes and delivers his tender. (In this case no material is supplied by NSC, hence no need for correction)
21. Mixing of cement concrete and cement mortar shall be done by means of mechanical mixer. The cement concrete laid shall be mechanically vibrated by means of mechanically operated vibrators. The rates quoted shall be inclusive of these operations and no extra payments shall be made.
22. The receipt of clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the National Seeds Corporation and the contractor shall be responsible for seeing that he procures a receipt signed by the Accountant/Engineer or duly authorized Cashier.
23. The contractor shall give a list of NSC employees related to him.
24. The contractor should verify all elevations shown in the drawings and in case of doubt, obtain required particulars which may in any way influence his tender from the Engineer as no allowance whatsoever will be made beyond the contract for any alleged ignorance thereof.
25. The site shown in the layout plan shall be cleared of all obstructions, loose stone, materials, rubbish of all kind. All holes or hollows whether originally existing or produced during clearances shall be carefully filled with earth, well rammed, leveled off, as directed.
26. The security deposit shall be deductible @ 5 % from the bills and will remain as such for a period of defect liability from the date of completion of work.
27. Defects arising during the defect liability guarantee period if any shall be rectified by the party free of cost within fortnight as and when brought to the notice in writing or telephonically.
28. The contractor's responsibility for this contract shall commence from the date of issue of order of acceptance of tender.
29. The contractor shall maintain and produce all records when called for, related to relevant Acts concerning labour engaged and construction.
30. 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.

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 assigned 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 assigns or such individual, firm or company.
- d) The Corporation or NSC means the National Seeds Corporation Ltd.
- e) 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.
- f) Where the context requires, words imparting the singular only also include the plural number and vice-versa.
- g) **‘Specification’** means the specification referred to in the tender and any modification thereof or addition thereto as may from time to time be furnished approved in writing by Engineer.
- h) ‘District specification’ means the specifications followed by the State Govt. in the area where the work is to be executed.
- i) ‘Approved’ means approved in writings and ‘approval’ means approval in writing.
- j) Tendered value means the value of the entire work as stipulated in the letter of award.
- k) Market rates shall be the rates as decided by the Engineer on the basis of the cost of the materials and labor at the

site where the work is to be executed plus the percentage mentioned in the schedule "F" to cover all overheads and profits.

1) Schedule (S) referred to in these conditions shall mean the relevant schedule(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.

SUFFICIENCY OF TENDER:

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 preferences 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 decisions shall be final and binding on the contractor.

g) Any error in description, quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the Contractor 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 thereto.

(II) Various standard clause with corrections up to the date stipulated in schedule "F" along with annexure thereto.

(a) Model rules for the protection for the health, sanitary arrangements for worker employed by NSC or its contractors (refer pageno.35)

(b) Contractor's labor regulations (refer pageno.39)

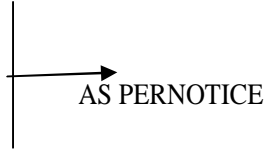
(c) List of act and omissions for which fines can be imposed (refer pageno.44)

ITEM RATE TENDER

I/We hereby tender for the execution of the work for National Seeds Corporation, (A Govt. of India Undertaking) New Delhi specified in the underwritten memorandum within the times 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
- b) Estimated cost
- c) Earnest money
- e) Security deposit



I/We have read and examined the Notices, 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 hereto 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 rate to be determined in accordance with the provisions mutually agreed.

Dated.....

Signature of Contractor

Postal Address

.....
.....
.....

..... Witness:-

Address.....

Occation.....

Witness:-

.....

Address:-.....

CLAUSES OF CONTRACT

CLAUSE- 1 PERFORMANCE GUARANTEE

1. The contractor shall submit an irrevocable Performance Guarantee of 5 % (five percent) of the accepted amount in addition to other deposit mentioned elsewhere in the contract, for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) with in period specified in schedule "F" from the date of issue of letter of acceptance. This period can be further extended by the Engineer Up to maximum period as specified in schedule "F" on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer. This guarantee shall be in the form of Cash (in case guarantee amount is less than Rs. 10,000/- or deposited by Demand Draft/ pay order of any schedule bank (in case guarantee amount is less than 1,00,000/- only).

a. This guarantee bond shall be in the form of Demand Draft or by means of Bank Guarantee as per proforma attached of the tender document. The Bank Guarantee shall be issued by and Schedule Bank in favour of National Seeds Corporation. The Bank Guarantee should be accompanied by a forwarding letter of the banker on their letterhead

- 1 The performance guarantee shall be initially valid Up to the stipulated date of completion plus 60 days beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of performance guarantee extended to cover such enlarged time for completion of work. After recording of the completion of certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest.
- 2 The Engineer shall not make a claim under the performance guarantee except for amounts to which the Corporation is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
 - a. Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer may claim the full amount of the performance guarantee.
 - b. Failure by the contractor to pay NSC any amount due, either as agreed by the contractor or determined under any of the Clauses/conditions of the agreement, within 30 days of the service of the notice to this effect by Engineer.
- 3 In the event of the contract being determined or rescinded under provision of any of the clause/condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Chairman-cum-Managing Director.
- 4

CLAUSE 1-A 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 lakh 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 therefrom 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
- a) Necessary by reason of climatic conditions on the site, or
- b) 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 subclause 3.1) Subclause-3.2 shall apply.
- c)

3.2 DETERMINATION FOLLOWING SUSPENSION

Where pursuant to subclause 3.1 the subclause 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.
- c)

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 desire 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 rates to be certified by the Engineer whose certificate thereof shall be final and binding on the contractor or 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 event 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 notifications 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 7. 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 PAYMENT ON INTERMEDIATE CERTIFICATE TO BE REGARDED AS ADVANCE

No payment shall be made for a work estimated to cost Rupees fifty thousand or less till after the whole of the work shall have been completed and certificate of completion given. But in the case of

aworkestimatedtocostmorethanRs.fiftythousandandthecontractorshall,onsubmittingthebillbe entitled to receive a monthly payment as interim or running account bill then executed to the satisfaction of the Engineer, on the basis of recorded measurements in triplicate on or before every month on date fixed by the Engineer. But all such intermediate payments shall be regarded as paymentsbywayofadvanceagainstthefinalpaymentonlyandnotaspaymentforworkactuallydone andcompleted,andshallnotprecludetherequiringofbad,unsoundimperfectorunskilledworktobe removedandtakenawayandreconstructedorre-erectedorbeconsideredasanadmissionofthedue performanceofthecontractoranypartthereofinanyrespectoftheaccruingofanyclaimnorshallits conclude,determineoreffectinanywaythepowersoftheEngineer,Undertheseconditionsoranyof themastothefinalsettlementandadjustmentoftheaccountsorotherwiseorinanyotherwayvaryor effect thecontract.

Whenever there is likely to be delay in recording detailed measurements for making running payment in the case of residential buildings, advance payments without detailed measurements for workdone(othertanfoundationandfinishingitems)Upto(a)lintellelevel(includingsunshadesetc.) and (b) slab level, for each floor worked out at 75% of the tendered rates may be made in running accountbillsbytheEngineerathisdiscretiononthebasisthattheworkhasbeencompletedUptothe level inquestion.

The advance payments so allowed shall be adjusted in the subsequent running bill by taking detailed measurements thereof. Final payment shall be made only on the running basis of detailed measurements.

CLAUSE:8.1COMPLETIONCERTIFICATEANDCOMPLETIONPLAN

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 inspecttheworkandifthereisnodefectintheworkshallfurnishthe 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 reducedrates,shallbeissuedbutnocertificateofcompletion,provisionalorotherwiseshallbeissued, 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 ofthe work as shall have been erected or constructed by the contractor(s) and cleaned of the dirt from all woodwork,doors,windows,walls,floorsorotherpartofanybuilding,inonoraboutwhichtheworkis tobeexecutedorofhemayhavehadpossessionforthepurposeoftheexecutionthereofandnotuntil the work shall have been measured by the Engineer/. If the contractor shall fail to comply with the requirementsofthisclauseastoremovalofscaffolding,surplusmaterials,rubbish,allhutsandsanitary arrangementsasaforesaidandcleaningoffdirtonorbeforethefixdateforthecompletionofwork 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 exceptforanysumactuallyrealizedbythesalethereof.

8.2 CONTRACTOR TO KEEP SITE CLEAN

Thesplashesanddroppingsfromwhitewashing,colorwashing,paintingetc.onwalls,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 failstocomplywiththerequirementsofthisclause,Engineershallhavetherighttogetthisworkdone at the cost of the contractor either departmentally or through another agency. Before taking such action,theEngineershallgivetwodays' noticeinwritingtothecontractor.

8.3 COMPLETION PLAN 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: 9 PAYMENT OF BILLS

9.1 RUNNING BILLS

A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer for all work 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.

9.2 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 of 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 Upto Rs. 5 lakhs : 3 months
- ii) If the Tendered value of work exceeds Rs. 5 lakhs : 6 months
- iii)

CLAUSE: 10.

10.1 MATERIALS TO BE PROVIDED BY THE CONTRACTOR

The contractor shall at his own expense provide all materials, required for the works.

The contractor shall, at his own expense and without delay; supply to the engineer samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the contractor shall be in conformity with the specifications laid down or referred in the contract. The contractor shall, if requested by the Engineer furnish proof, to the satisfaction of the Engineer that the materials so comply.

The Engineer shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications and in case of default the Engineer shall be at liberty to employ other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer shall also have full powers to require other proper materials to be substituted thereof and in case of default the Engineer may cause the same to be supplied and all costs which may be involved due to such removal and substitution are to be borne by the contractor.

10.2 SECURED ADVANCE ON NON-PERISHABLE MATERIALS

The contractor on signing an indenture in the form to be specified by the Engineer shall be entitled to be paid during the progress of the execution of the work Upto 75% of the value of materials which are in the

opinion of the Engineer non-perishable and or in accordance with the contract and which have been brought on the site in connection therewith and are adequately stored and/or protected against damage by weather or other causes but which have at the time of advance been incorporated in the works. When material on account of which an advance has been made under this sub-clause are incorporated in the work the amount of such advances shall be deducted from the next payment made under any of the clause or clauses of this contractor.

10.3 PAYMENT ON ACCOUNT OF INCREASE AND DECREASE IN PRICES/WAGES DUE TO STATUTORY ORDERS.

If during the progress of works the price of any material incorporated in the works (not being a materials supplied by the Employer in accordance with clause 10 hereof) and or wages of labour increases/decreases as a result of any fresh law or statutory rule or order coming into force (but not due to any changes in Sales tax) and such increase/decrease exceeds ten percent of the price and/or wages prevailing at the time of receipt of the tender for the work and the contractor thereon necessarily and properly pays in respect of that material (incorporated in the works) such increased/decreased price and/or in respect of labour engaged on the execution of the work such increased/decreased wages, then the amount of the contract shall accordingly be varied provided always that any increase so payable is not in the opinion of the Engineer (whose decisions shall be final and binding) attributable to delay in the execution of the contract within the control of the contractor.

Provided however, no reimbursement shall be made if the increase is not more than 10% of the said prices/wages and if so the reimbursement shall be made only on the excess over 10% and provided further that any such increase shall not be payable if such increase has become operative after the contract or extended date of completion of the work in question. In the same way any decrease in the prices of material/wages of labour coming into force in excess of 10%, downward adjustment would be made and recovery would be affected by the Engineer accordingly.

The contractor shall for the purpose of this condition keep such books of account and other documents as are necessary to show the amount of any increase claimed or reduction available and shall allow inspection of the same by a authorized representative of the Employer and further shall at the request of the Engineer furnish any documents so kept and such other information as the Engineer may require.

The contractor shall within a reasonable time of his becoming aware of any alteration in the price of any such material and or wages of labor give notice thereof to the Engineer stating that the same is given pursuant to this condition together with an information relating thereto which he may be in a position to supply.

10.4 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: 11 WORK TO BE EXECUTED ACCORDING TO SPECIFICATION DRAWINGS, ORDERS ETC.

The contractor shall execute the whole and every part of the work in the most substantial and workmanlike 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 instructions 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 things 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: 12 VALUATION OF DEVIATIONS/VARIATIONS

The Engineers shall have power (1) to make any alterations in omissions from, addition 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, omissions, 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 by 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 be 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.

12.1 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 at 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 corrections less minus/plus percentage which the total tendered amount compares to the estimated cost of the entire work put to tender.

iv) 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.

12.2 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.

12.3 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: 13 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 work executed at site and in addition, a reasonable amount on account of the items as mentioned hereunder,

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 or 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: 14.1 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 continues 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 within individual dates of completion, on or before the date(s) of completion, and does not complete them within the periods 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 - bonafide 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 purports to do so, 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 the 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 damages 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.

14.2 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 unworkmanlike 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 diligences 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 continue 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 employers 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 and 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 Engineers 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 contractor 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: 15 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 Representatives 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 contractor's expense, or in default thereof no payment or allowances shall be made for such work or the materials with which the same was executed.

CLAUSE: 16 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 servision of the Engineer and his authorized representative and other serior 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 Engineers 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 works 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 an 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: 17 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 sum 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: 18 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 supply without charge there 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 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. Employers 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 of 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 amount 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 expenditures incurred; and without prejudice to the right of the Employer under, Section 20 Subsection (2) and Section 21 sub-section (4) of the contract Labour (Regulation & Abolition Act 1970). Employers 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. Employers shall not be bound to contest any claim made against section 20 subsection (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 ENGAGEMENT OF STAFF AND LABOUR

The contractor shall, unless otherwise provided in the contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment housing, feeding and transport.

a) The Contractor shall, at all times during the continuity of the contract, comply fully with all existing Acts, regulations and by laws including all statutory amendments and re-enactment of State or Central Government and other local authorities and any other enactments, notifications and acts that may be passed in future either by the State or the Central Government or local authority, including Indian Workmen's Compensation Act, Contract Labour (Regulation and Abolition) Act 1970 and Equal Remuneration Act 1976, Factories Act, Minimum Wages Act, Provident Fund Regulations, Employees Provident Fund Act, schemes made under the same Act and also labour Regulations made by Government from time to time. Health and Sanitary Arrangement for Workmen, Insurance and other benefits and shall keep Employer indemnified in case any action is commenced by competent authorities for contravention by the Contractor. If the Employer is cause to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated hereon the part of the Contractor, the Engineers shall have the right to deduct from any moneys due to the Contractor, his amount of Performance Security or recover from the Contractor personally any sum required or estimated to be required for making good the loss or damage suffered by the Employer. Provided, however, the Employers shall have no other responsibility in connection with the employees of the contractor, who shall, in no case, be treated as the employees of the Employer at any point of time.

19.1 AGE OF LABOUR

No labourer below the age of eighteen years shall be employed on the work.

19.2 FAIR WAGES

The contractor shall pay the labourers engaged by him on the work not less than a fair wages, which expression shall mean, whatever for time or piecework, the respective rates of wages fixed by Govt. Department as fair wages for the area payable to the different categories of labourers or those notified under the Minimum wages Act for corresponding employees, of the Employer/Client, whichever may be higher.

The Contractor, shall notwithstanding the provisions to the contrary, cause to be paid a fair wage to labourer indirectly engaged on the works, including any labour engaged on the works, including any labour engaged by sub-contractor in connection with the said works as if the labourer had been directly employed by him.

NOTE:-

1. The contractor shall, before he commences the work, display, and correctly maintain, in a clean and legible conditions at a conspicuous place on the site, notices in English and in a language spoken by the majority of the workers, stating therein the rate of wages which have been fixed as fair wages and the hours of work for which such wages are earned and send a copy of such notice to the Engineer.
2. The Contractor shall maintain records of wages and other remuneration paid to his employees in such form as may be convenient and as per the requirements of the Employer/Engineer and the conciliation Officer (Central), Ministry of Labour, Government of India or such other authorised person appointed by the Central

or State Government and the same shall include the following particulars of each worker:

- i) Name, worker's number and grade.
 - ii) Rate of daily or monthly wage.
 - iii) Nature of work on which employed.
 - iv) Total number of days worked during each wage period.
 - v) Total amount payable for the work during each wage period.
 - vi) All deductions made from the wage with details in each case of the ground for which the deduction is made.
 - vii) Wage actually paid for each wage period.
3. The Contractor shall provide a Wage Slip for each worker employed on the Works.
4. The Wage records and Wage Slip shall be preserved for at least 12 months after the last entry.

19.3 SAFETY PROVISIONS

In respect of labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement the contractor shall at his own expense arrange for the safety provisions as per Safety code of CPWD. Safety code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid he shall be liable to pay a penalty of Rs.200/- for each default and in addition the Engineer shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

19.4 The contractor shall submit, by the 5th and 19th of every month, to the Engineer a true statement showing, in respect of the second, half of the preceding month and the first half of the current month respectively:-

- (1) the number of labourers employed by him on the work.
- (2) their working hours.
- (3) the wages paid to them.
- (4) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them,
- (5) the number of female workers who have been allowed Maternity Benefit according to Clauses and amount paid to them.

Failing which the contractor shall be liable to pay to Employer, a sum not exceeding Rs.200/- for each default or material in correct statement. The decision of the Engineer shall be final in deducting from any bill due to the contractor an amount levied as fine and be binding on the contractor.

19.5 HEALTH AND SANITATION

In respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this agreement, the contractor shall comply with or cause to be complied with all the rules framed by Govt. from time to time for the protection of health and sanitary arrangements for workers employed by Employer and its contractors.

CLAUSE:20 WORK NOT TO BE SUBLET ACTION IN CASE OF INSOLVENCY

The contract shall not be assigned or sublet without the written approval of the Engineer and if the contractor shall assign or sublet this contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, .perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given promised or offered by the Contractor or any of his servant or agent to any public officer or person in the employ of NSC in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer on behalf of the Managing Director shall have power to adopt any of the courses specified in Clause 3 as he may deem best suited in the interest of NSC and in the event of any of these courses being adopted the consequences specified in the said Clause 3 shall ensue.

CLAUSE : 21

All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be paid to the use of Employer without reference to the actual loss or damages sustained and whether or not any damages shall have been sustained. CLAUSE: 23 CHANGES IN FIRM'S CONSTITUTION TO BE INTIMATED

Where the contractor is a partnership firm, the previous approval in writing of the Engineer shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu undivided family business concern such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the work as aforesaid is not obtained, the contract shall be deemed to have been as signed in the contravention of Clause 21 hereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause 21.

CLAUSE: 22

All work to be executed under the contract shall be executed under the direction and subject to the approval in all respect of the Engineer who shall be entitled to directly at what point or points and in what manner they are to be commenced, and from time to time carried on.

CLAUSE: 23 SETTLEMENT OF DISPUTES AND ARBITRATION

23.1 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 fail 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 give 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 23.2 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 become 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.

24.1 AMICABLE SETTLEMENT

Where notice of intention to commence arbitration as to a dispute has been given in accordance with Sub Clause 25.1 arbitration of such disputes 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.

24.2 ARBITRATION: -

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

24.2.1 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 agreements shall be subject to the exclusive jurisdiction of Courts at New Delhi/Delhi only.

24.2.2 Arbitration Clause:

Except where otherwise provided for in the sub contract all questions and disputes relating to the meaning of instructions herein before mentioned or to any other question, claim, right matter of anything whatsoever, in any arising out of or relating to the sub contract, specification, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after completion or abandonment thereof or any matter directly or indirectly connected with this agreement shall be referred to the sole arbitrator to be appointed by the Chairman - cum - Managing Director or the holder of highest office in NSC for adjudication of the dispute. The Arbitration will be done in accordance with the Arbitration and Conciliation Act, 1996 as amended from time to time. The venue of Arbitration proceedings shall be at New Delhi only and the language of proceedings English only.

If the C.M.D is unable or unwilling to act as such, then the matter shall be referred to sole arbitration of such other person appointed by the C.M.D. NSC willing to act as such arbitrator. There will be no objection, if the Arbitrator, so appointed is an employee of NSC provided that the person shall not have been directly connected with the execution of the work of the project. In case the arbitrator so appointed is unable to act for any reasons. Chairman-cum-Managing Director, NSC in the event of such inability shall appoint another person to act as Arbitrator in accordance with the terms of the sub contract. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. It is also a term of this contract that no person other than a person appointed by Chairman-cum-Managing Director, NSC as aforesaid should act as Arbitrator.

It is a term of the sub contract that the party seeking arbitrations shall specify the dispute to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each dispute(s). The arbitrator may from time to time with the consent of the parties enlarge the time for making and publishing the award. The work under the sub contract shall nevertheless continue during the arbitration/proceedings. The Arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties fixing the date of the first hearing. The Arbitrator shall give a separate reasoned award in respect of each reference referred to.

The award of the arbitrator shall be conclusive and binding on all parties to this contract.

24.2.3 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:25 CONTRACTOR TO INDEMNIFY GOVT. AGAINST PATENT RIGHTS

The contractor shall fully indemnify the Employer against any action claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claims made under or action brought against Employer in respect of any such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own

penses, to settle any dispute or to conduct any litigation that may arise therefrom.

Provided that the contractor shall not be liable to indemnify the Employer if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer in this behalf.

CLAUSE: 26 LUMP SUM PROVISIONS IN THE TENDER

When the estimate on which a tender is made includes lump sums in respect of parts of the work the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items or if the part of the work in question is not, in the opinion of the Engineer capable of measurement, the Engineer may at his discretion pay the lump sum amount entered in the estimates and the certificate in writing of the Engineer shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.

CLAUSE: 27 ACTION WHERE NO SPECIFICATIONS ARE SPECIFIED

In the case of any class or work for which there is no such specification as is mentioned in Clause (1), such work shall be carried out in accordance with the district specification and in the event of there being no district specification, then in such case the work shall be carried out in all respect in accordance with the instructions and requirements of the Engineer.

CLAUSE: 28 WITHHOLDING AND LIEN IN RESPECT OF SUMS DUE FROM CONTRACTOR

28.1 Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the contractor the Engineer or Employer shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the Contractor and for the purpose aforesaid, the Engineer or Employer shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have an alien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if not security has been taken from the contractor the Engineer or Employer shall be entitled to withhold and have an alien to retain to the extent of such claimed amount or amounts referred to above from any sum or sums, found payable or which at any time there-after become payable to the contractor under the same contract or any other contract pending finalization or adjudication of any such claims.

It is an agreed term of the contract that the sum of money or money so withheld or retained, under the lien referred to above by the Engineer or Employer will be kept withheld or retained as such by the Engineer/Employer till the claim arising out of or under the contract is determined by the Arbitrator, and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or limited company, the Engineer or Employer shall be entitled to withhold and also have an alien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company as the case may be, whether in his individual capacity or otherwise.

28.2 Employers shall have the right to cause an audit and technical examination of the work and the final bills of the contractor including all sporting vouchers, abstract etc. to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been over paid in respect of any work done by the contractor under the contract or any work claimed by him to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of overpayment and it shall be lawful for the Employer to recover the same from him in the manner prescribed in sub-clause (I) of this clause or in any other manner legally permissible and if it is found that the contractor was paid less than what was due to him under it, the amount of such underpayment shall be duly made by the Employer.

Provided that Employer shall not be entitled to recover any sum overpaid, nor the contractor shall be entitled to payment of any sum paid short where such payment has been agreed on between the Employer or Engineer on the one hand and the contractor on the other under any term of the contract permitting payment for work after assessment by the Employer or the Engineer.

29.1 LIEN IN RESPECT OF CLAIMS IN OTHER CONTRACTS

Any sum of money due and payable to the contractor (including the security deposit returnable

to him as under the contract) may be withheld or retained by way of lien by the Engineer or the Employer or any other contracting person or persons through Engineer against any claim of the Engineer or Employer or such person or persons. In respect of payment of a sum of money arising out of or under any other contract made by the Contractor with the Engineer or the Employer or with such other person or persons. It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer or the Employer or till his claim arising out of in the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court as the case may be and that the contractor shall have no claim for interest or damage whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under clause and duly notified as such to the contractor.

CLAUSE:30 UN-FILTERED WATER SPLY

The Contractor(s) shall make his/their own arrangements for unfiltered water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions:

- i) That the water used by the contractor(s) shall be fit for construction purposes to the satisfaction of the Engineer.
- ii) The Engineer shall make alternative arrangements for sply of water at the risk and cost of contractor(s) if the arrangements made by the Contractor(s) for procurement of water are in the opinion of the Engineer unsatisfactory.

30.1 DEPARTMENTAL WATER IF AVAILABLE

Unfiltered water if available will be splied to the Contractor by the Engineer subject to the following conditions:

- i) The water charges @ 1% shall be recovered on gross amount of the work done.
- ii) The Contractor(s) shall make his/their own arrangements of water connection and the laying of pipe lines from existing mains or source of sply.
- iii) The Department do not guarantee to maintain uninterrupted sply of water, and it will be incumbent on the Contractor(s) to make alternative arrangement of water at his/their own cost in the event of any temporary break down in water sply of the employee so that the progress of his/their work is not held for want of water. No claim of damage or refund of water charges will be entertained on account of such breakdown.

CLAUSE:31 HIRE OF PLANT AND MACHINERY

- i) The contractor shall arrange at his own expense all tools, plants, machinery and equipment (hereinafter referred to as T&P) required for execution of the work except for the Plant & Machinery listed in Schedule 'C' and stipulated for issue to the contractor. If the contractor requires any item of T & P not hire from the T&P available with the Employer over and above the T&P stipulated for issue, the Employer will, if such item is available, hire it to the contractor at rates to be agreed on between him and the Engineer. In such a case all the conditions hereunder for issue of T & P shall also be applicable to such T&P as is agreed to be issued.
- ii) Plant & Machinery when splied shall be made over and taken back at the Departmental equipment shed at and the Contractor shall bear the cost of their carriage from the shed to the site of work and back. The contractor shall be responsible to return the plant & machinery with condition in which it was handed over to him and he shall be responsible for all damage caused to the said plant & machinery at the site of work or elsewhere in operations & otherwise during transit including damage to or loss of plants and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Engineer shall be the sole judge to determine the liability of the contractor and it is extant in this and regard and his decisions shall be final & binding on the contractor.
- iii) The plant & machinery as stipulated above will be issued as & when available and if required by the contractor shall his program of work according to the availability of the plant & machinery and no claim, whatsoever, will be entertained from him for any delay in sply by the Department.
- iv.) The hire charges shall be recovered at the prescribed rates and from inclusive of the date of the plant and machinery is made over Up to and inclusive of the date of its return in good order even though the same may

not have working for any cause except for major breakdown due to no fault.

v) Ordinarily, no plant and machinery shall work for more than 8 hours a day inclusive of one hour lunch break. In case of an urgent work, however, the Engineer may at his discretion, allow the plant and machinery to be worked for more than normal period of 8 hours a day in that case the hourly hire charges for overtime to be borne by the contractor.

vi) Logbook for recording the hours of daily work for each of the plant and machinery supplied to the contractor will be maintained by the Department and will be attested by the contractor or his authorized agent daily.

vii) In the case of concrete mixers, the contractor shall arrange to get the hopper cleaned and the drum washed at the close of the work each day or each occasion.

viii) In case of road rollers for consolidation are employed by the contractor himself, log book for such rollers shall be maintained in the same manner as is done in case of departmental rollers maximum quantity of any items to be consolidated for each roller day shall be also be same as in Annexure.

ix) For less use of Rollers, recovery for the less rollers days shall be made at the stipulated issue rate.

x) The contractor shall be responsible to return the plant and machinery in the conditions in which it was handed over to him and he shall be responsible for all damages caused to the said plant and machinery at the site of work or elsewhere when the operation or otherwise during transit including damage to or loss of parts, and for all losses due to his failure and return the same soon after the completion of the work for which it was issued. The Engineer shall be the sole authority to determine the liability of the contractor and its extent in this regard and his decisions shall be final and binding on the contractor.

xi) The contractor shall have to engage a full time chowkidar to ensure watch & ward for the safety of machinery and materials supplied by the employer to the contractor related to this contract.

CLAUSE: 32 EMPLOYMENT OF TECHNICAL STAFF AND EMPLOYEES

Contractors serintendence, servision, technical staff and employees.

i. The contractor shall provide all necessary serintendence during execution of the work and as along thereafer 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 experiences 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 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 into token of noting down the instructions and into 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 delays so caused to the work. The contractor shall submit a certificate of employment of the technical representative/responsible agent along with the very on account bill/fixed bill and shall produce evidence if at any times 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, semi-skilled 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 persons shall not be employed again at work site without the written permission of the Engineer and the persons so removed shall be replaced as soon as possible by competent substituted.

CLAUSE: 33 APPRENTICES ACT PROVISIONS TO BE COMPLIED WITH

The contractor shall comply with provisions of the Apprentices Act 1961 and the Rules and Orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of contract and the Engineer may, in his discretion, cancel the contract. The Contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the Act.

CLAUSE: 34

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

CLAUSE: 35 LEVY/TAXES PAYABLE BY CONTRACTOR

- i) Sale 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 splay of the red bajri, stone, moorum etc. from local authorities.
- iii) If pursuant to or 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 work 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: 36 RETURN OF MATERIAL AND RECOVERY FOR MATERIAL ISSUED EXCESS

- i) After completion of the work and also at any intermediate stage in the event of non-reconciliation of materials issued, consumed and in balance (see Clause 10), the theoretical quantity of materials issued by the Employer for use in the work shall be calculated on the basis and method given hereunder.
 - a) Quantity of cement & bitumen shall be calculated on the basis of quantity of cement & bitumen required for different items of work as shown in the Schedule of Rates mentioned in Schedule 'F'. In case any item is executed for which standard constant is executed for which standard constants for the consumption of cement or bitumen are not available in the above mentioned schedule/statement or can not be derived from the same shall be calculated on the basis of standard formula to be laid down by the Engineer.
 - b) Theoretical quantity of steel reinforcement of structural steel sections shall be taken as the quantity required as per design or as authorized by the Engineer, including authorized

lappages, chair setc. plus 3% wastage due to cutting into pieces, such theoretical quantity being determined and compared with the actual issues each diameter wise, section wise and category wise separately.

c) Theoretical quantity of GI & CI or other pipes, conduits, wires and cables, pig lead and GI/MS sheets shall be taken as quantity actually required and measured plus 5% of wastage due to cutting into pieces (except in the case of GI/MS sheets shall be 10%) such determination and comparison being made diameter wise and category wise.

d) For any other material as per actual requirements.

ii) Over the theoretical quantities of materials so computed a variation shall be allowed as specified in Schedule 'F'. The difference in the net quantities of material actually issued to the contractor and the theoretical quantities including such authorized variation, if not returned by the contractor or if not fully reconciled to the satisfaction of the Engineer to this effect shall be recovered at the rates specified in Schedule 'F' without prejudice to the provision of the relevant conditions regarding return of materials governing the contract. Decision of Engineer in regard to theoretical quantities of materials, which should have been actually used as per the Annexure of the standard schedule of rates and recovery at rates specified in Schedule 'F', shall be final and binding on the contractor.

iii) For non-schedule items, the decision of the Engineer regarding the theoretical quantities of materials which should have been actually used, shall be final and binding on the contractor.

iv) The said action under this clause is without prejudice to the right of the Employer to take action against the contractor under any other conditions of contract for not doing the work according to the prescribed specifications.

CLAUSE: 37 COMPENSATION DURING WAR LIKE SITUATION

The work (whether fully constructed or not) and all materials, machines, tools and plants, scaffolding, temporary buildings and other things connected therewith shall be at the risk of the contractor until, the work has been delivered to the Engineer and a certificate from him to that effect obtained. In the event of the work or any materials properly brought to the site for incorporation in the work being damaged or destroyed in consequence of hostilities or war like operation the contractor shall, when ordered in writing by the Engineer, remove in store all serviceable materials salvaged from the damaged work and shall be paid at the contract rates in accordance with the provision of this agreement for the work of clearing the site of debris, stacking removal of serviceable materials and for the construction of all works ordered by the Engineers such payments being in addition to compensation. Upto the value of the work, originally executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed but not already measured and paid for the compensation shall be assessed by the Engineer up to Rs.5,000/- and by the Employer concerned for a higher amount. The contractor shall be paid for the damage destruction suffered and for the restoring the material at the rates based on the analysis of rates tendered for in accordance with the provision of this agreement. The certificate of the Engineer regarding the qty. & quality of materials and the purpose for which they were collected shall be final and binding on all parties to this contract.

Provided always that no compensation shall be payable for any loss in consequence of hostilities or war like operations (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the A.R. PO or the Engineer, (b) for any material setc. not on the site of the work or for any tools and plant, machinery, scaffolding temporary buildings and other things not intended for the work.

In the event of the contractor having to carry out reconstructions as aforesaid, he shall be allowed such extension of time for its completion as is considered reasonable by the Engineer.

CLAUSE: 38 PROGRESS REPORT

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

CLAUSE: 39 QUALITY OF MATERIALS, PLANT AND WORKMANSHIP

All materials, Plant and Workmanship shall be

- a) of the respective kinds described in the Contract and in accordance with the Engineer's instructions, and
- b) subjected from time to time to such tests as the Engineer may require at the place of manufacture, fabrication or on the Site or at such other place or places as maybe specified in the Contractor at all or any of such places.

The contractor shall provide such assistance, labour, electricity, fuels, stores, apparatus and instruments as are normally required for examining, measuring and testing any material or Plant and shall supply samples of materials, before incorporation in the works, for testing as may be selected and required by the Engineer. The contractor shall bear the cost of samples, testing fee, if tested outside in laboratory for testing of material provided in the contract or any other material/test not provided in the contract and Engineer feel that the test of this kind is necessary.

CLAUSE: 40 OPPORTUNITIES/FACILITIES FOR OTHER CONTRACTORS

Some work on the site may be done through other contractors. In the event of any such work, the Contractor shall have to work in full cooperation and in close coordination with other contractor(s). The contractor shall, in accordance with the requirements of the Engineer, afford all reasonable opportunities for carrying out the work of other contractors employed by the Engineer and their workmen and to the workmen of the Employer and of any other duly constituted authorities whomay be employed in the execution of near the site of any work not included in the contractor any contract which the Employer may enter into in connection with or ancillary to the works.

Any dispute that may arise in this connection will have to be amicably settled by the contractors amongst themselves. If they fail to do so, the matter shall be referred to the Engineer whose decision will be final and binding on all the parties, provided that if as a result of such a decision of the Engineer any financial obligations or liabilities arise amongst the contractors, the same shall be settled between themselves and the Engineer/Employer shall remain indemnified against any claim arising out of his decision.

If however pursuant to Sub-Clause (above) the Contractor shall, on the written request of the Engineer.

- a) make available to any such other contractor, or to the Employer or any such authority, any roads or ways for the maintenance of which the Contractor is responsible or
- b) permit the use, by any such, of Temporary works or Contractor's Equipment on the Site or
- c) provide any other service of whatsoever nature for any such the Engineer shall determine an addition to the contract price in accordance with Clause-12 and shall notify the contractor accordingly.
- d) The Contractor's attention is directed to the fact that during the contract period, other contractors and the Employer's departmental staff will be carrying out various works and maintenance including diversion of drains, roads, rails, oil pipe lines, electric cables and other services on and through areas in which the Contractor will be working. The contractor shall maintain close liaison with the Engineer to avoid the possibility of delay or inconvenience as a result of these operations and shall be deemed to have allowed for this in his tender.

CLAUSE:41 BRIBES/COMMISSION

Any bribe/commission, gift or advantage given or promised by or on behalf of the contractor or his partner, agent or servant or anyone, 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 amount 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 Clauses shall be settled in accordance with the law for the time being in force and applicable in India.

CLAUSE: 42 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 for 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

Suitable scaffold should be provided for workmen for all work 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 as 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) Scaffolding or staging more than 3.6m (12 feet) above the ground or floor, swung or suspended from an overhead sport of erected with stationary sport shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm (3 feet) high above the floor or platform of such scaffolding or staging and extending along with entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be fastened as to prevent it from swaying from the building or structure.

iii) Working platform, gangways and stairways should be so constructed that they should not sag unduly or be unequal and if the height of the platform or the gangway or the stairway is more than 3.6m (12 feet) above ground level or floor level, they should be closely hoarded and should have adequate width and should be suitably fastened as described in (ii) above.

iv) Every opening in the floor of building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitably fencing or railing whose minimum height shall be 90cm (3 feet).

v) 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 rungladders shall in no case be less than 29cm (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, spacings shall not exceed 30cm (12"). Adequate precautions shall be taken to prevent danger from electrical equipment. No material 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 defence 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.

vi) Excavation & Trenching. All trenches, 1.2m (4 feet) or more in depth, shall at all times be supplied with at least one ladder for each 30m (100 feet) in length or fraction thereof ladders shall extend from bottom of the trench to at least 90cm (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 1.5m (5 feet) of the edges of the trench or half of the depth of trench whichever is more.

Cuttings shall be done from top to bottom. Under no circumstances undermining or undercuttings shall be done.

vii) 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.

viii) All necessary personal safety equipment as considered adequate by the Engineers 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:-

a) Worker employed on mixing asphalt materials, cement and lime mortar shall be provided with protective footwear and protective goggles.

b) Those engaged in whitewashing and mixing or stacking or cement bags or any materials which

is injurious to the eyes shall be provided with protective goggles.

- c) Those engaged in welding work shall be provided with welder's protective eye shields.
- d) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
- e) When workers are employed in sewers and manholes, which are inactive use, the contractor shall ensure that the manhole cover are opened and ventilated at least for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public. In addition, the contractor shall ensure that the following safety measures are adhered to:-
 - ix(a) Entry for workers into the lines shall not be allowed except under supervision of the Engineer or his authorized representative.
 - b) At least 5 to 6 manholes stream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the manhole for working inside.
 - c) Before entry presence of Toxic gases should be tested by inserting wet lead acetate paper which changes colour in the presence of such gases and give indication of their presence.
 - d) Presence of oxygen should be verified by lowering a doctor lamp into the manhole in case, no Oxygen is found inside the sewer line workers should be sent only with Oxygen Kit.
 - e) Safety belt with rope should be provided to the workers. While working inside the manholes such rope should be handled by two man standing outside to enable him to be pulled out during emergency.
 - f) The area should be barricaded or cordoned off by suitable means to avoid mishaps of any kind, proper warning signs should be displayed for the safety of the public whenever cleaning works undertaken during night or day.
 - g) No smoking or open flames shall be allowed near the blocked manhole being cleaned.
 - h) The malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.
 - i) Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer may decide the time up to which a worker may be allowed to work continuously inside the manhole.
 - j) Gas masks with Oxygen Cylinders should be kept at site for use in emergency.
 - k) Air blowers should be used for flow of fresh air through the manholes. Whenever called for. Portable air blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non-sparking gas engines also could be used but they should be placed at least 2 meters away from the opening and on the lower side protected from winds so that they will not be source of friction on any inflammable gas that might be present.
 - l) The workers engaged for cleaning the manholes sewers should be properly trained before allowing to work in the manholes.
 - m) The workers shall be provided with Gum boots or non-sparking shoes, bump helmets and gloves non-sparking tools, safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the lamps before working inside the sewer lines.
 - n) Workmen descending a manhole shall try each ladder step or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole well.
 - o) If a man has received a physical injury he should be brought out by the sewer immediately and adequate medical aid should be provided to him.
 - p) The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer regarding the steps in this regard to be taken in an individual case will be final.
 - x) 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 ready made paint.
 - b) Suitable face mask should be supplied for use by the workers when paint is applied in the form of spray or as 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 painter to wash during the cessation of work.
- xi) 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, the following principles must be observed for such use:

- (a) White lead, sulphate of lead or product containing their pigments shall not be used in painting operation except in the form of pastes or paint ready for use.
- (b) Measures shall be taken, wherever required in order to prevent danger arising from the application of paint in the form of spray.
- (c) Measures shall be taken wherever required, to prevent danger arising out of from the application of a paint in the form of spray.
- (d) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
- (e) Overall shall be worn by working painters during the whole of working period.
- (f) Suitable arrangement shall be made to prevent clothing put off during working hours being soiled by painting materials.
- (g) Cases of lead poisoning and suspected lead poisonings shall be notified and shall be subsequently verified by medical man appointed by Competent Authority.
- (h) Engineer may require when necessary medical examination of workers.
- (i) Instructions with regard to special hygienic precautions to be taken in the painting trades shall be distributed to working painters.
- xii) When the work is done near any place where there is risk of drowning, all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provisions should be made for prompt first aid treatment of fall injuries likely to be sustained during the course of the work.
- xiii) Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions:
 - a. (i) These shall be of a good mechanical construction, sound materials and adequate strength and free from patent defects and shall be kept in good working order.
 - (ii) Every rope used in hoisting or lowering materials or as a means of suspensions shall be of durable quality and adequate strength, and free from patent defects.
 - b. 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.
 - c. In case of every hoisting machine and of every chain ring hook, shackles, 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.
 - d. 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.
- xiv) Motors, gearing transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguard. 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 displaced. 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.
- xv) 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.
- xvi) 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 codes shall be named therein by the contractor.

- xvii) 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.
- xviii) 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.
- xix)

**MODEL RULES FOR THE PROTECTION OF HEALTH AND SANITARY ARRANGEMENTS
FOR WORKERS EMPLOYED BY NATIONAL SEED CORPORATION OR ITS CONTRACTOR.**

1. APPLICATION

These rules shall apply to all building and construction works in charge of National Seeds Corporation in which twenty or more workers are ordinarily employed or are proposed to be employed in any day during the period during which the contract work is in progress.

2. DEFINITION

Work place means a place where twenty or more workers are ordinarily employed or are proposed to be employed in connection with construction work on any day during the period during which the contract work is in progress.

3. FIRST AID FACILITIES

(A) At every work place there shall be provided and maintained so as to be easily accessible during working hours first aid boxes at the rate of not less than one box for 150 contract labour or part thereof ordinarily employed.

B) The first aid box shall be distinctly marked with a red cross on white ground and shall contain the following equipment namely"

- a) For work places in which the number of contract labour employed does not exceed 50-
- i) 6 small sterilized dressings.
 - ii) 3 medium size sterilized dressings.
 - iii) 3 large size sterilized dressing.
 - iv) 3 large size sterilized burn dressings.
 - v) 1 (30ml) bottle containing sal volatile having the dose and mode of administration indicated on the label.
 - vi) 1 (30gms.) bottle of potassium permanganate crystals.
 - vii) 1 pair scissors.
 - viii) 1 copy of the first aid leaflet issued by the Director General, Factory Advice Service and Labour Institutes Government of India.
 - ix) 1 (30ml) bottle containing a 2% alcoholic solution of Iodine.
 - x) 1 snake bite lancet.
 - xi) 1 bottle containing 100 tablets (each of 5gms.) of aspirin.
 - xii) Ointment for burns.
 - xiii) A bottle of suitable surgical antiseptic solution.
- b) For work places in which the number of contract labour exceed 50-

Each first aid box shall contain the following equipment:-

- i) 12 small sterilised dressings.
- ii) 6 medium size sterilised dressings.
- iii) 6 large size sterilised dressings.
- iv) 6 large size sterilised burn dressings.
- v) 6 (15 gms.) packets sterilised cotton wool.
- vi) 1 (60 ml) bottle containing a two percent alcoholic solution iodine.
- vii) 1 (60ml) bottle containing sal volatile having the dose and mode of administration indicated on the label.
- viii) 1 roll of adhesive plaster.
- ix) 1 snake bite lancet.
- x) 1 (30gms.) bottle of potassium permanganate crystals.
- xi) 1 pair scissors.
- xii) 1 copy of the first aid leaflet issued by the Director General, Factory

Advice Service and Labour Institutes, Government of India.

- xiii) A bottle containing 100 tablets (each of 5gms.) of aspirin.
- xiv) Ointment for burns.
- xv) A bottle of suitable surgical antiseptic solution.
- C) Adequate arrangements shall be made for immediate recoment of the equipment when necessary.
- D) Nothing except the prescribed contents shall be kept in the First Aid Box.
- E) The first aid box shall be kept in charge of responsible person who shall always be readily available during the working hours of the work place.
- F) A person-in-charge of the First Aid Box shall be a person trained in First Aid treatment, in work place where the number of contract labour employed is 150 or more.
- G) In work places where the No. of contract labour employed is 500 or more and hospital facilities are not available within easy distance of the works, First Aid posts shall be established and run by a trained compounder. The compounder shall be on duty and shall be available at all hours when the workers are at work.
- H) Where work places are situated in places which are not towns or cities, a suitable motor transport shall be kept readily available to carry injured person or persons suddenly taken ill to the nearest hospital.

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4. DRINKING WATER

- a) In every work place, there shall be provided and maintained at suitable places, easily accessible to labour a sufficient supply of cold water fit for drinking.
- b) Where drinking water is obtained from an intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- c) Every water supply of storage shall be at a distance of not less than 50 feet from any latrine drain or other source of pollution. Where water has to be drawn from the existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap door which shall be dust and water proof.
- d) A reliable pump shall be fitted to each covered well, the top door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

5. WASHING FACILITIES

- i) In every work place adequate and suitable facilities for washing shall be provided and maintained for the use of contract labour employed therein.
- ii) Separate and adequate cleaning facilities shall be provided for the use of male and female workers.
- iii) Such facilities shall be conveniently accessible and shall be kept in clean and hygienic condition.

6. LATRINES AND URINALS

- A (i) Latrines shall be provided in every work place on the following scale namely:-
 - (ii) Where female are employed there shall be at least one latrine, for every 25 females.
- B (i) Where males are employed, there shall be at least one latrine, for every 25 males provided that where the number of males or females exceeds 100, it shall be sufficient if there is one latrine for 25 males or females as the case may be, to the first 100, and one for every 50 thereafter.
 - ii) Every latrine shall be under cover & so partitioned off fastening as to secure privacy, and shall have a proper door and fastenings.
 - iii) Construction of latrines: The inside walls shall be constructed of masonry or some suitable heat resisting non absorbent materials and shall be cement washed inside and outside at least once a year. Latrines shall not be of a standard lower than bore hole system.
 - iv) (1) Where workers of both sexes are employed, there shall be displayed outside each block of latrine and urinal, a notice in the language understood by the majority of the workers 'FOR MEN ONLY' or 'FOR WOMEN ONLY' as the case may be.
 - (2) The notice shall bear the figure of a man or of a woman as the case may be.
 - v) There shall be at least one urinal for male workers Up to 50 and one for female workers Up to fifty employed at a time, provided that where the number of male or female workmen, as the case may be exceeds 500, it shall be sufficient if there is one urinal for every 50 males or females Up to the first 500 and one for every 100 of per thereafter.
 - vi) a) The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times.
 - b) Latrines and urinals other than those connected with a flush sewerage system shall comply

with the requirements and urinals of the Public Health Authorities.

vii) Water shall be provided by means of a tap or otherwise so as to be conveniently accessible in or near the latrines and urinals.

viii) Disposal of excreta: Unless otherwise arranged for by the local sanitary authority, arrangements for proper disposal of excreta by incineration at the work place shall be made by means of a suitable incinerator. Alternately excreta may be disposed of by putting a layer of night soil at the bottom of a pucca tank prepared for the purpose and covering it with a 15 cm layer of waste or refuse and then covering it with a layer of earth for a fortnight (when it will turn to manure).

ix) The contractor shall at his own expense, carry out all instructions issued to him by the Engineer to effect proper disposal of soil and other conservancy work in respect of the contractor's workmen or employees on the site. The contractor shall be responsible for payment of any charges which may be levied by Municipal or Cantonment Authority for execution of such work on his behalf.

7. PROVISION OF SHELTER DURING REST

At every place shall be provided, free of cost, four suitable sheds, two for meals and the other two for rest separately for the use of men and women labour. The height of each shelter shall not be less than 3 metres from the floor level to the lowest part of the roof. These shall be kept clean and the space provided shall be on the basis of 0.6 sqm. per head.

Provided that the Engineer may permit subject to his satisfaction, a portion of the building under construction or other alternative accommodation to be used for the purpose.

8. ANTI MALARIAL PRECAUTIONS

The contractor shall at his own expense, conform to all anti-malarial instructions given to him by the Engineer including the filling of any borrow pits which may have been dug by him.

9. The above rules shall be incorporated in the contract and in notices inviting tenders and shall form an integral part of the contracts.

10. AMENDMENTS

Employer may from time to time, add to or amend these rules and issue such directions as it may consider necessary for the purpose of removing any difficulty which may arise in the administration thereof.

CONTRACTOR LABOUR

REGULATIONS 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 servisory, 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 servisory capacity drawn wages exceeding five hundred Rupees per mensem 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 outworker, 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 outworker 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 whose 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 Language 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 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 payments shall be made within 48 hours of the last working day.

vi) Wages due to every worker shall be paid to him in 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 disbursement 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 following form: -

"Certified that the amount shown in Column No.
_____ has been paid
to the workman concerned in my presence on

6. FINES & DEDUCTIONS WHICH MAY BE MADE FROM WAGES

i) The wages of a worker shall be paid to him without any deductions of any kind except the following"

a. Fines

b. Deductions for absence from duty i.e. from the place or the places where by the terms of his employment he is required work. The amount of deduction shall be in proportion to the period for which he was absent.

c. Deduction for damage to or loss of goods expressly entrusted to the employed person for custody, or for loss of money or any other deduction which he is required to account, where such damage or loss is directly attributable to his neglect or default.

d. Deduction for recovery of advances or for adjustment of over-payment of wage advances granted shall be entered in a register.

e. i) Any other deduction which the National Seeds Corporation may from time to time allow.

ii) No fine should be imposed on any worker save in respect of such acts and omissions on his part as have been approved of any the Chief Labour Commissioner.

NOTE :

An approved list of Acts and Omissions for which fines can be imposed is enclosed as Appendix -

iii) No fine shall be imposed on any worker and no deduction for damage or loss shall be made from his wage until the worker has been given an opportunity of showing cause against such fines

or deductions.

iv) The total amount of fine which may be imposed in any wage period on a worker shall not exceed an amount equal to three paise in a rupee of the total wages, payable to him in respect of that wage period.

v) No fine imposed on any worker shall be recovered from him by installment, or after the expiry of sixty days from the date on which it was imposed.

vi) Every fine shall be deemed to have been imposed on the day of the act of omission in respect of which it was imposed.

7. 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 contract 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 place 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).

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).

8. ATTENDANCE CARD-CUM-WAGESLIP

i) The contractor shall issue an attendance Card-cum-Wageslip 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 workmen on the card twice each day, once at the commencement of the day and again after the rest interval, before the actual start of work.

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

- v) The contractor shall complete the wages 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 wages slip at the time of disbursement of wages and retain the card with himself.

9. **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).

10. **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).

11. **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.

12. **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 aforesaid 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 Serintending Engineer has given his decision on such appeal.

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

13. **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 Serintending Engineer has given his decision on such appeal.

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

14. **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 Serintending Engineer concerned but subject to such appeal, the decision of the Officers shall be final and binding on the contractor.

15. **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 a federation or association 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 practitioner in any investigation or enquiry under these regulations.

16. **INSPECTIONS OF BOOKS AND SLIPS**

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

17. **SUBMISSION OF RETURNS**

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

18. **AMENDMENTS**

The National Seeds Corporation may from time to time and to 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	Appendix-I	Register of maternity benefits.
2	Appendix-ii	Maternity benefit admissible to the Contractor's in National Seeds Corporation Limited.
3	Appendix-iii	Labour Board
4	Appendix-iv	Register of workman employed by Contractor
5	Appendix-v	Muster Roll
6	Appendix-vi	Register of wage
7	Appendix-vii	Wage Card & Wages slip
8	Appendix-viii	Employment Card
9	Appendix-ix	Service certificate
10	Appendix-x	Register of fines
11	Appendix-xi	Register of deduction for damage or loss
12	Appendix-xii	Register of advance.
13	Appendix-xiii	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 Regulation 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 contractor's 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 off 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 article at the workplace.
- 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

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.

The demolition shall always be well planned beforehand 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.

Due care shall be taken to maintain the safety measures prescribed in IS:4130 and safety code of terms and conditions.

Necessary propping, shoring and underpinnings 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.

Necessary precautions shall be taken to keep down the dust nuisance to the minimum.

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.

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.

Any serviceable material, obtained during dismantling or demolition, shall be separated out and stacked properly as directed by the Engineer-in-Charge.

All unserviceable materials rubbish etc. shall be disposed off as directed by the Engineer-in-Charge.

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) Area shall be worked out in sqm correct to two places of decimal. (c)

Cubical content 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 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
 - a. 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 filing 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 colour 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 are 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
 - a. good by the electrical contractor at his own cost and risk for which nothing extra
 - b. 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
 - a. 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 boards as required by the Engineer-in-charge. Nothing extra shall be
 - a. 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.

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.
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 Hammper
		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 - V

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 performed as prime contractor/ supplier on works of Supply, Installation, Testing and commissioning of 125KVA substation including all allied equipment and civil work (**Bidder should have experience for successful execution of at least three similar works of 40% value of the estimated cost of tender or two similar works of 50% value of the estimated cost of tender or one similar work of 80% value of the estimated cost of tender executed during the last five years**).

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

(B) Past works for which bids already submitted.

Name of work	Place and State	Tender No. & Date	Name & Address of Contractor with his Mb. No.	Stipulated period of completion	Date when decision is expected	Remarks, if any
1	2	3	4	5	6	7

- Attach sporting documents.
(C) 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. D. Attach biographical data.

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: (i.e. Balance sheet and profit & loss account) duly signed by Statutory Auditor 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:-

PAN No	Returns for Last Two Years (attached)

	Year	Copy

EMD :

Online	Date & Time	Amount

7. Particular of Banker:

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

8. MSM E 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

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

13. Evidence of Access of Finance Required (With Valid Proof) Attach:-

14. 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.:- -----

E-mail Address: - -----

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' when ever 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 for 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 work 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 therefrom 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 _____.

NATIONALSEEDSCORPORATIONLTD.

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

NATIONAL SEEDS CORPORATION
LTD,SECTION - VII

Annexure-1

(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 supply, installation, testing and commissioning of 250KVA Substation inclusive all allied equipment and civil work along with license from concern department at NSC Nandyal. Our rates to your specification, Terms & Conditions for below work are mentioned as under: -

S No.	Description of items	Qty	Rate quoted inclusion of all kind of taxes and charges
Electrical work			
1.	11 KV joint kit	4 Nos	
2.	CI Earth Pipe	6 Nos	
3.	GI Earth Pipe	30 Kg	
4.	Copper Earth flat	30kg	
5.	3x50 sq mm 11 Kv HT XLPE UG Cable	40 mtr	
6.	Load Breaker/Circuit Breaker	1 Nos	
7.	MS Channel	150kg	
8.	Earth Channel	6 Nos	
9.	HT Metering material including 2.5 sq mm wire & GI pipe of suitable size etc. complete as required	1 Nos	
10.	250 KVA DTR 5 Star rating copper wound transformer	1 Nos	
11.	3.5x150sq mm underground cable	200mtr	
12.	Outdoor Lamp and switch with proper protection for lighting	2 Nos	
13.	250 Ampere 4 pole Change over switch	1 Nos	
14.	Drawing & approval of safety from Dir, AP Govt./concern department of AP	Ls	
15.	Providing NOC from Dy. Dir, AP/concern department of AP.	Ls	
16.	Labour Charge fro electrical workn inclusive of all charges	Ls	

Civil Work			
1.	Retaining wall (Height 1 mtr, width 0.3mtr) (Foundation 0.5mtr, Width 0.6mtr) including finishing and white wash.	36mtr	
2.	Transformer Platform structure (1.5mx1.5m) (walls 0.3mtr, Height 2mtr, foundation depth 0.5 mtr) including finishing, White wash & earth filling	1 Nos	
3a	M-20 RCC for making Transformer Bad (1:1.5:3) 20mm coarse aggregate (1.5mtrx1.5mtr x0.300 Mtr)	0.67cum	
3b	Double Steel Mesh 66m length (16mm dia at 150mm spacing)	105kg	
4.	Mild steel angle (2 mtr height) inclusive finishing with primer (40x40x6mm)	24 mtr	
5.	GI Fencing wire mess (36mx2m) (Cell size 50x50, wire thickness 3mm) Inclusive painting with primer	72sqm	
6.	Iron Gate (1.5x1.5mtr) inclusive finishing with primer and required items	50kg	
7.	Supply and filling of sand (11x7x0.5mtr)	23 Cum	
8.	Yard filling with stone gravels (11x7x0.5mtr)	38 cum	
9.	Danger board, safety board and substation details board	Ls	

The rates shall include the cost of all labour, material, equipment, transport (loading, unloading and lifting).

All taxes ie GST bear by contractor/firm.

Quantities and number of above works may increase or decrease

CHECK LIST FOR TECHNICAL EVALUATION OF E-TENDER

SN	Particulars	Remarks/YesorNo
1	Tender fee as per NIT (Non- refundable):- online mode.	
2	EMD as per tender online mode.	
3	Certificate of registration of the firm in appropriate class	
	Class –I Eligible up to tender value Rs.15 crores	
	Class –II Eligible up to tender value Rs.3 crores	
	Class –III, IV & V Eligible up to tender value Rs.90, 40 &10 Lakhs respectively	
4	Partnership Deed if Partnership firm.	
5	Authorizationforsigningifitislimitedcompanyor partnershipfirm.	
6	Anaffidavitofownershipifproprietaryfirm/soletraders.	
7	PAN Number	
8	Income-taxReturnforthecurrent&twoprevious year	
	ITR-2016-17 -Value	
	ITR-2017-18 - 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 of Department for :-	
12	Work done certificate during last four years	
	2015-16 Rs.-----lakhs	
	2016-17 Rs.-----lakhs	
	2017-18 Rs.-----lakhs	
	2018-19 Rs.-----lakhs	
	Current status-	
14	Affidavit certificate that not black listed/Debarredand no arbitrationcasependinginthisoffice.	
16	MSME / NSIC certificate with validity of time and item with MSME UDYOGADHARMEMORANDUM	
17	Otherdocumentifanyinsupportofthetender.	
19	Address of the contractor	
	Contact No.	
	E-mail ID	

Signature with seal