



NOTICE INVITING TENDER NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MAHATMA GANDHI AVENUE
DURGAPUR –713 209, WEST BENGAL, INDIA

E-mail: help.maintenance@nitdgp.ac.in; Website: www.nitdgp.ac.in

Contact No.: 9434788155/ 9434788008/ 9434788016

NOTICE INVITING TENDER NO.: NITD/MAINT/WTC/21-22/03

Date: 23/09/2021

Sub: TANK CLEANING WORKS at NIT Durgapur entire Campus as per details as given as under.

Works	WATER STORAGE TANK CLEANING WORKS AT NIT DURGAPUR CAMPUS
Earnest Money Deposit	INR 16,756.00
Performance Guarantee in INR	The successful bidder must submit before receiving the work order, a valid bank guarantee payable to “NIT Durgapur” on any nationalized bank amounting 5% of Bill Amount value towards Performance Security during the warranty period. The work must be completed within stipulated time mentioned in the schedule, if not, deduction will be made from performance guarantee.
Security Deposit	The contractor whose tender may be accepted shall permit NIT Durgapur at the time of making any payment to him for work done under the contract to deduct a sum @ 3.0 % of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 3.0 % of the tendered value of the work.

Tender Documents may be downloaded from e-Wizard Portal <https://mhrd.euniwizarde.com>. Aspiring Bidders who have not enrolled / registered in e-Wizard should enrol/ register before participating through the website <https://mhrd.euniwizarde.com>. Bidders are advised to go through instructions provided at ‘Instructions for online Bid Submission’.

Tenderers can access tender documents on the NIT DURGAPUR website (<https://nitdgp.ac.in>) Tenders@NITD (For searching in the E-wizard site, kindly go to Department Select option and select ‘NIT DURGAPUR’. Thereafter, filling CAPTCHA and Click on “Search” button to view all NIT Durgapur tenders). Select the appropriate tender, fill them with all relevant information, and submit the completed tender document online on the website <https://mhrd.euniwizarde.com> as per the schedule given in the next page. No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-Wizard portal).

SCHEDULE

Name of Organization	National Institute of Technology
Tender Type (Open/Limited/EOI/Auction/Single)	Open
Nature of Work	WATER STORAGE TANK CLEANING WORKS AT NIT DURGAPUR CAMPUS
Tender No.	NITD/MAINT/WTC/21-22/03
Tender Estimated Cost (Including GST, Cess and other taxes)	Rs. 8,37,800.00
Tender Category (Services/Goods/works)	Works
Type/Form of Contract (Work/ Supply/ Auction/ Service/ Buy /Empanelment/ Sell)	Work
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Civil Works
Source of Fund (Institute/Project)	Institute
Is Multi Currency Allowed	NO
Date of Issue/Publishing	23/09/2021
Document Download Start Date	23/09/2021
Date for Pre-Bid Conference	01/10/2021 (10:00 Hrs)
Venue of Pre-Bid Conference	NIT Durgapur, Maintenance Section.
Last Date and Time for Uploading of Bids	17/10/2021 (17:30 Hrs)
Date and Time of Opening of Technical Bids	18/10/2021 (10:00 Hrs)
Tender Processing Fee (Non-Refundable) (E-payment mode only)	Rs. 987.00
Tender Form Fee (Non-Refundable) (E-payment mode only).	Rs. 1,000.00
EMD	Rs. 16,756.00 (As DD in favour of NIT Durgapur)
No. of Covers	02
Bid Validity days	90 days (From last date of opening of tender)
Time of completion	Within 90 days from the date of issuing Agreement/Work Order/Award of Contract.
Address for Communication	Dr. Showmen Saha Chairman (C & F) and Dr. Somnath Karmakar FIC Maintenance, National Institute of Technology, Durgapur M. G. Avenue. Durgapur -713209, West Bengal. INDIA
Contact No.	0343 2759031
ITI Helpdesk Contact No. and mail address	Helpdesk Number-011-4960 6060 ewizardhelpdesk@gmail.com Mr. SK Tariq- 9355030608; eprochelpdesk.35@gmail.com Mr. Saikat Pal - 8927976198 eprochelpdesk.38@gmail.com

If the last date of tender opening coincides with a Holiday / Bandh, the same will be deferred to the next working day.

PROCEDURE FOR SUBMISSION OF E-TENDER

The bidders are required to submit soft copies of their bid electronically on the e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the e-Wizard Portal. For more information, bidders may visit the e-Wizard Portal <https://mhrd.euniwizarde.com>

1. REGISTRATION PROCESS ON ONLINE PORTAL

- a. Bidders to enroll on the e-Procurement module of the portal <https://mhrd.euniwizarde.com> by clicking on the link "Bidder Enrolment" as per portal norms.
- b. The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the e-Wizard Portal.
- c. Bidders to register upon enrolment their valid Digital Signature Certificate (DSC: Class III Certificates with signing key and encryption usage) issued by any Certifying Authority recognized by CCA India with their profile.
- d. A bidder should register only one valid DSC. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others, which may lead to misuse. Foreign bidders are advised to refer "DSC details for Foreign Bidders" for Digital Signature requirements on the portal.
- e. Bidder then logs in to the site through the secured login by entering their user ID/password and the password of the DSC / e-Token.

2. Tender Document Search

- a. Various built-in options are available in the e-Wizard Portal to facilitate bidders to search active tenders by several parameters. These parameters include Tender ID, organization, location, date, value, etc.
- b. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, a form of contract, location, date, other keywords, etc. to search for a tender published on the Online Portal.
- c. Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'Interested Tenders' folder. This would enable the Online Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- d. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. Bid Preparation

- a. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

- c. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be submitted. Any deviations from these may lead to rejection of the bid.
- d. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/PNG, etc. formats. Documents in PDF format with maximum Five (5) Mb file can be uploaded.

4. Bid Submission

- a. Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b. The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- c. Bidder to select the payment option mode as specified in the Schedule (EMD/FORM FEE Section) to pay the form fee/ EMD wherever applicable and enter details of the instrument.
- d. A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders to note that they should necessarily submit their financial bids in the prescribed format and no other format is acceptable.
- e. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, the opening of bids, etc. The bidders should follow this time during bid submission.
- f. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.
- g. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- h. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- i. Kindly have all relevant documents in a single PDF file.
- j. The off-line tender shall not be accepted and no request in this regard will be entertained whatsoever.

5. Amendment of bid document

At any time prior to the deadline for submission of proposals, the institutions reserve the right to add/ modify/ delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

6. Instruction to Bidders

- a. Process for Bid submission through MHRD portal is explained in Bidder Manual. Bidders are requested to download Bidder Manual from the home page of MHRD website (<https://mhrd.euniwizarde.com>). Steps are as follows:
(Home page \Rightarrow Downloads \Rightarrow Bidder Manuals).
- b. The tenders will be received online through portal <https://mhrd.euniwizarde.com>. In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
- c. Possession of Valid Class III Digital Signature Certificate (DSC) in the form of smart card/ e-Token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://mhrd.euniwizarde.com>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available on the web site <https://mhrd.euniwizarde.com> under the link 'DSC help'.

Tenderers are advised to follow the instructions provided in the 'Instructions to the Tenderers' for the e- Submission of the bids online through the e-Wizard Portal for e-Procurement at <https://mhrd.euniwizarde.com>

- d. The bidder has to "Request the tender" to MHRD portal before the "Date for Request tender document", to participate in bid submission.

7. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
8. Any order resulting from this e-tender shall be governed by the terms and conditions mentioned therein.
9. No deviation to the technical and commercial terms & conditions allowed.
10. The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bids
11. Earnest money as mentioned, is to be deposited along with tender, in the form of an A/C payee demand draft in favour of "National Institute of Technology, Durgapur" payable at SBI, NIT Durgapur branch Durgapur-713209 and to be enclosed with in part "A" of the tender.
12. Bank details for online payment of the tender fee as mentioned:

Division/ Department (If any)	Name of Account Holder	Name of the Bank	Account Number	Bank Branch/IFSC Code	MICR Code
NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR	NIT (DURGAPUR) SOCIETY	STATE BANK OF INDIA	11520034072	SBIN0002108	713002204

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE

DURGAPUR –713 209, WEST BENGAL, INDIA

E-mail: help.maintenance@nitdgp.ac.in; Website: www.nitdgp.ac.in

Contact No.: 0343 2759031/ 9434788047.

Sub: Work Details given under.

METHODOLOGY AND B.O.Q. FOR TANK CLEANING WORKS

(To be read in conjunction with the schedule of tank cleaning work)

- 1) **MECHANIZED DEWATERING: -**
Mechanized dewatering should be done by submersible dewatering pump having, suitable outlet and discharged and control panel.
The intending bidders should furnish the details of motor, cable, seal, material of construction and control panel.
- 2) **DESILTING AND REMOVAL OF LEFT OVER DIRTY WATER SLUDGE WITH A SLUDGE REMOVAL PUMP: -**
Proper sludge pump and wash out pipes should be used.
- 3) **CLEANING OF WALL, CEILING AND FLOOR BY HIGH PRESSURE WATER JET WITH THE HELP OF EQUIPMENTS WHICH CREATES A PRESSURE OF 100-150 BAR: -**
Cleaning should be done by high pressure cleaner with following specification fully automatic controlled, auto start-stop, high-pressure cleaning machine having F-Class insulation production. HPC operator, on continuous duty, should operate the heavy duty machine, invariable fully adjustable mode from working pressure of 100 Bar to 150 Bar.
The machine should have twin steel core protection Rubber High Pressure Hose safely withstand operating pressure of 250 Bar, and two cleaning lances, one with Rotary Jet and the Second one a flat jet for effective Drinking Water Tank Cleaning Operations.
- 4) **REMOVAL OF REMAINING SLUDGE FROM THE FLOOR WITH THE HELP OF INDUSTRIAL VACUUM CLEANER: -**
 - (A) Removal of remaining sludge from the floor with the help of industrial vacuum cleaner and Sludge Sucker having Max Power of 1200 W., with suitable heavy duty rugged Motor.
 - (B) Imported Sludge Sucker should be a part of High Pressure System that sucks sludge and throws it out of tank, this must handle solid particles as well.
- 5) **SPRAYING OF NON-TOXIC, BIO DEGRADABLE, ECO FRIENDLY ANTI BACTERIAL AGENT CERTIFIED BY A GOVT. APPROVED LABORATORY TO DISINFECT THE TANK FROM ALL HARMFUL PATHOGENS. THE DOSE UTILIZED SHOULD BE SAFE AS PER THE OECD GUIDELINES 423 ADOPTED ON 17 DECEMBER 2001.**
- 6) **TREATMENT OF INSIDE TANK BY EXPOSING UV RADIATION TO KILL FURTHER SUSPENDED OF FLOATING BACTERIA, IF ANY: -**
Treatment of inside tank be done by exposing UV – radiation by heavy-duty UV radiator. The radiator should be designed in a way to ensure 360 degrees of sterilization and should have suitable lamp for effective sterilization for a period of 8000 working hours. The Radiator must be totally portable and effective for final sterilization of Drinking water tanks elimination of floating and suspended bacteria.
Special Note: - All Safety Gadgets like safety Belts, Special Safety Ladder, Helmets, Heavy Duty Gum Boots, Electric Safety Gloves and Special Working Gloves, Safety Goggles, Masks, Aprons, etc. for complete security and safe operations be used by well-trained operators. Storage and Cleaning equipments like Scrubbers/Wipers, Storage drums, Sludge Collectors and Cisterns, etc. must be integral part of system.
- 7) **Deduction for electricity charges on the bill amount @ 0.5% will be deducted from the final bill.**
- 8) **Concerned agency have to provide coloured photographs/sketches of inside tank to specified supervisor after every work completion.**

A complete set of tender documents may be Download by prospective bidder from the website <https://mhrd.euniwizarde.com> and from NIT Durgapur website Tenders@NITD section, <https://nitdgp.ac.in>.

CHECK LIST OF ATTESTED COPIES OF VALID DOCUMENTS TO BE ATTACHED WITH THE TECHNICAL BID

Sl. No.	Particulars	Declaration (Submitted/Not Applicable)
1	Scanned Copy of Online Transaction Details for Tender Fee	
2	Scanned Copy of DD/BG for EMD	
3	Certificate of Enlistment/ Trade License/ License Validity	
4	Scanned details of Company's Category (Micro/ Small/ Medium unit as per MSME/NSIC, with relevant NIC Code)	
5	Copies of last 3 years audited balance sheet	
6	Name & Address of Director/ Proprietor/ Partners	
7	Affidavit regarding No Near Relative working in department.	
8	Scanned copy Registration of firm/ Partnership Deed (If any)	
9	Phone Number/ E-mail ID	
11	GST Registration along with acknowledgement of up to date filed return	
12	EPF Registration: The bidder should provide last six months EPFO Electronic Challan cum Return (ECR)	
13	ESIC Registration: The bidder should provide last six months ESIC Electronic Challan cum Return (ECR)	
14	Last three years IT Return	
15	Work Experience/ Credential of similar nature of work	
16	Latest Bank Solvency @40% not older than one year from the TOD.	
17	Scanned copy of AADHAR Card and Voter I.D.	
18	Scanned copy of PAN Card	
19	Duly signed tender documents with company declaration	

List of Documents to be uploaded in the "Technical Bid Folder" and to be filled online .xls file in cover-1 folder of e-Wizard.

Note 1: If the information is not pertaining to the bidder, in the third column he should specify as "Not Applicable"

- 1) Tender must be submitted online in two parts,
 - (a) Technical bid (Cover-1) and (b) Price bid (Cover-2).

ANNEXURE-I
<<Organization Letter Head>>
DECLARATION SHEET

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The prices quoted in the financial bids are subsidized due to academic discount given to NIT Durgapur.

We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent
Phone No.:	
Fax	
E-mail	
Contact Person Name	
Mobile Number	
TIN Number	
PAN Number	
(For on-line payment of Tender Fees) Online Transaction Details with Date (For Tender Fee)	
(For off-line payment of Tender Fees) Demand Draft No. with Date (For EMD)	

(Signature of the Tenderer with date)

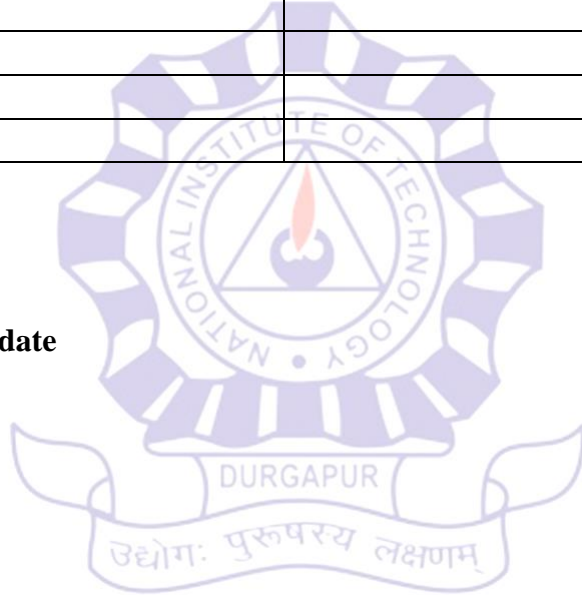
Name:

Seal of the Company

ANNEXURE-II
LIST OF GOVT. ORGANIZATION/DEPTT

List of Government Organizations for whom the Bidder has undertaken such work during last two years (must be supported with work orders)			
Sl. No.	Name of the organization with address	Name of Contact Person	Contact No.

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.			
Sl. No.	Name of the organization with address	Name of Contact Person	Contact No.



Signature of Bidder with date

Name:

Designation:

Organization Name:

Contact No.:

E-mail Id:

ANNEXURE-III
PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE SECURITY
(TO BE TYPED ON Rs. 100 NON-JUDICIAL PAPER OF APPROPRIATE VALUE)

To
CHAIRMAN (M & CF)
NIT DURGAPUR

Dear Sir(s),

M/s _____ have been awarded the work of _____ NIT Durgapur.

The Contract conditions provide that the CONTRACTOR shall pay a sum of Rs. _____ (Rupees) as full Contract Performance Guarantee in the form mentioned therein. The form of payment of Contract Performance Guarantee includes guarantee executed by an Indian Bank, undertaking full responsibility to indemnify NIT Durgapur, in case of default.

The said _____ has approached us and at their request and in consideration of the premises we are having our office at _____ have agreed to give such guarantee as mentioned hereinafter.

1. I/We _____ hereby undertake and agree with you that if default shall be made by M/s _____ in performing any of the terms and conditions of the tender or in payment of any money payable to NIT Durgapur I/we shall on demand pay without any recourse to the contractor to you in such manner as you may direct the said amount of Rupees _____ only or such portion thereof not exceeding the said sum as you may from time to time require.

2. You will have the full liberty without reference to me/us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with the said and to enforce or to forbear from endorsing any powers or rights or by reason of time being given to the said which under law relating to the sureties would but for provision have the effect of releasing us.

3. Your right to recover the said sum of Rs. _____ (Rupees _____) from me/us in manner aforesaid will not be affected or suspended by reason of the fact that any dispute or disputes have been raised by the said M/s _____ and/or that any dispute or disputes are pending before any officer, tribunal or court.

4. This guarantee shall be irrevocable and shall remain valid up to _____. If any further extension of this guarantee is required, the same shall be extended to such required period on receiving instruction from M/s. _____ on whose behalf this guarantee is issued.

5. The Bank Guarantee's payment of an amount is payable on demand and in any case within 48 hours of the presentation of the letter of invocation of Bank Guarantee. Should the banker fail to release payment on demand, a penal interest as applicable shall become payable immediately and any dispute arising out of or in relation to the said Bank Guarantee shall be subject to the jurisdiction of District Courts. I/We have power to issue this guarantee in your favour under Memorandum and Articles of Association and the undersigned has full power to do under the Power of Attorney dated _____ granted to him by the Bank.

Yours faithfully,

Bank by its Constituted Attorney
Signature of a person duly
Authorized to sign on behalf of the Bank

ANNEXURE-IV
Form of Performance Security (Guarantee)
Bank Guarantee Bond- Format -II

(To be typed on Rs.100/- non-judicial stamp paper)

In consideration of the Chairman (M & CF) having offered to accept the terms and conditions of the proposed agreement between.....and (hereinafter called "the said Contractor(s)") for the work..... (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as "the Bank") hereby undertake to pay to Chairman (M & CF) an amount not exceeding Rs. (Rupees..... Only) on demand by Chairman (M & CF).

2. We, (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Chairman (M & CF). stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only)

3. We, the said bank further undertake to pay Chairman (M & CF). any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Chairman (M & CF). under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Chairman (M & CF) certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, (indicate the name of the Bank) further agree with the Chairman (M & CF). that the Chairman (M & CF). shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Chairman (M & CF). against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Chairman (M & CF). or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Chairman (M & CF). in writing.

8. This guarantee shall be valid up tounless extended on demand by the Chairman (M & CF). Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees)

Place:

Date: (Signature of the Bank Officer)

Rubber stamp of the bank

Authorized Power of Attorney Number:

Name of the Bank officer:

Designation:

Complete Postal address of Bank:

Telephone Numbers Fax number.....

**ANNEXURE-V
UNDERTAKING AND DECLARATION**

For understanding and agreeing with the terms & condition of Tender & Spec. of work

(Preferably To be typed on Firm/Company letterhead))

a) Certified that:

1. I/ We have read, understood and agree with all the terms and conditions included in the tender documents & offer to execute the work as per tender terms & conditions (without any deviation) and at the rates quoted by us in the tender form.

2. If I/ We fail to enter into the agreement & commence the work in time, the Performance linked Security Deposit/ PBG deposited by us will stand forfeited to the NIT DURGAPUR.

b) The tenderer hereby covenants and declares that:

1. All the information, Documents, Photo copies of the Documents/ Certificates enclosed along with the Tender/Bid offer are correct. I/we verify the genuineness and correctness of all documents, including experience certificates attached with the bid submitted electronically or as a hard copy. Further I also declare that I have submitted the tender document digitally signed, without any additions /deletions/modifications, as a token of having read, understood and accepted the terms and conditions therein. I am also aware that I shall be held responsible in case any document attached is found false/forged/fabricated/ tempered/manipulated at any stage and the NIT DURGAPUR is fully competent to take any action against me/my firm as deemed fit in accordance with the terms and conditions of the contract and law of the land.

2. In case of any correction/ addition/ alteration/ omission of the terms & conditions in the tender document, our tender / bid shall be treated as non-responsive and shall be rejected summarily.

3. If anything is found false and/or incorrect and/or reveals any suppression of fact at any time, NIT DURGAPUR reserves the right to debar our tender offer/ cancel the LOI/ Purchase/ work order if issued and forfeit the Performance linked Security Deposit/ PBG / Bill amount pending with NIT DURGAPUR. In addition, NIT DURGAPUR may debar the contractor from participation in its future tenders.

Date:.....

Signature of Tenderer/Authorized Signatory

Place:

Name of Tenderer along with date & Seal

SUBMISSION OF BID

In this tender, the bidder has to participate in e-tender online. Some documents are to be submitted physically offline.

A) Tender must be submitted online in two parts,

(a) Technical bid (Cover-1) and (b) Price bid (Cover-2).

1) Tenderers have to upload the following documents:

i) GST Registration Certificate along with acknowledgement of up to date filed return.

ii) Latest valid licenses like Trade License, ESI, and EPF, whichever is applicable. The bidder should provide last six months EPFO & ESIC Electronic Challan cum Return (ECR).

iii) Requisite Credentials as mentioned in the document.

iv) Latest Bank Solvency Certificate – Solvency amount should be 40% of estimated cost obtained from the banker and/or its bank statement. The solvency certificate shall not be older than one year from the tender opening date.

v) Voter I.D., Aadhar Card.

vi) Latest IT returns.

vii) Separate demand draft towards cost of earnest money as mentioned above.

viii) Scanned Copy of a single Demand Draft of requisite value for the Bid Security/EMD as per NIT.

ix) NSIC/MSME Registered bidders who wants to claim the EMD exemption need to submit the Scanned copy of Latest and valid NSIC/MSME Certificate for the same nature of works in place of the DD of the EMD.

x) The bidder must sign in first and last page of tender documents and Proforma Agreement as a token of acceptance indicating read, understood and accepted the Terms & Conditions mentioned in tender document, general terms of the contract and Proforma Agreement. A company declaration with sign and company seal/stamp with date stating acceptance of all the terms and conditions provided in Notice Inviting Tender and General Conditions of Contract is mandatory.

xi) Valid and appropriate Electrical Contractor license.

2) EMD and cost of tender paper are exempted for bidders having valid certificate from NSIC/MSME. Though bidder must upload relevant NIC Codes along with MSME/NSIC certificates online.

3) Bidders can also download and get necessary information regarding tender documents from <https://mhrd.euniwizarde.com>

4) **Rates quoted shall be inclusive of all service charges. Applicable GST @ 18% will be automatically calculated in the Price Bid BOQ.** No price escalation shall be paid during the currency of the contract.

5) Tender calling authority reserves the right to cancel any tender or close agreement anytime without giving any reasons.

B) Offline Submission

The bidder shall submit the following documents offline in Physical to Maintenance Section, NIT Durgapur on or before the date & time of submission of bids specified in NIT, in a sealed Envelope. The envelope shall bear (the tender name), the tender number and the words "DO NOT OPEN BEFORE" (due date & time).

- i) Original Demand Draft (DD) – drawn in favor of NIT Durgapur, payable at Durgapur, issued by any scheduled bank towards the payment of total Bid Security/EMD as per NIT through a single Demand Draft which to be deposited on or before of bid submission date. NSIC registered MSME bidders who want to claim the EMD exemption need to submit the attested copy of the latest and valid MSE certificate in place of the DD of the EMD.

Earnest money as mentioned, is to be deposited along with tender, in the form of an A/C payee demand draft in favor of "National Institute of Technology, Durgapur" payable at SBI, NIT Durgapur branch Durgapur-713209 and to be enclosed with in part "A" of the tender.

Bank details for online payment of tender fee as mentioned:

Division/ Department (If any)	Name of Account Holder	Name of the Bank	Account Number	Bank Branch/IFSC Code	MICR Code
NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR	NIT (DURGAPUR) SOCIETY	STATE BANK OF INDIA	11520034072	SBIN0002108	713002204

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakhs, whichever is less, will have to be deposited in shape of DD, and balance in shape of Bank Guarantee of any scheduled bank.

- ii) Power of Attorney/ Resolution of Board of Directors, authorizing an individual with whose DSC the tender is submitted on e-tendering portal (if and as applicable). In case it is not applicable a letter on the letter head of the firm addressed to the Registrar, NIT Durgapur stating that *the Power of Attorney is not applicable because the tender is submit on e-tendering portal with the DSC of Shri.....who is the sole-proprietor/partner of the firm.*

Note: The Bidder has to upload the Scanned copy of all above said documents during Online Bid-submission also.

The Online bids (complete in all respect) must be uploaded online in **two** Covers as explained below:

Cover – 1			
(Following documents to be provided as single PDF file)			
Sl. No.	Documents	Content	File Types
1	TECHNICAL BID	Compliance Sheet as per Annexure - I	.PDF
2		Organization Declaration Sheet as per Annexure - I	.PDF
3		List of organizations/ clients where the same products have been supplied (in last two years) along with their Contact number(s). (Annexure-II), (Annexure- V) to be filled in Company letter head, stating read, understood and acceptance of all terms and conditions.	.PDF
4		Technical Sheet to be filled and uploaded carefully.	.xlsx

Cover – 2

(Following document to be provided as single .xlsx file)

Sl. No.	TYPES	Content	File Types
1	Financial Bid	Price bid should be submitted in .xlsx format (A standard BOQ format provided with the tender document, which is to be filled by all the bidders. Bidders to note that they should necessarily submit their financial bids (Basic Rates only) in the prescribed format. The GST values will be calculated automatically. Alteration/ modification of the prescribed format will not be accepted.)	.xlsx

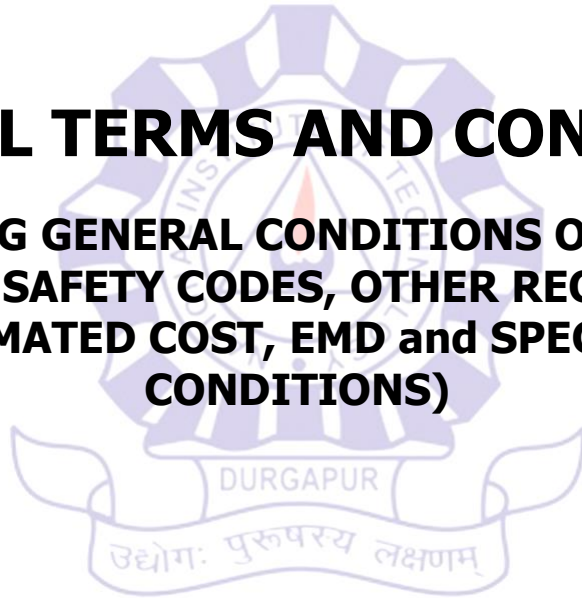




NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
An Institution of National Importance under Shiksha Mantralaya (Ministry of Education),
Govt of India.

GENERAL TERMS AND CONDITIONS

**(CONTAINING GENERAL CONDITIONS OF CONTRACT,
LABOUR LAWS, SAFETY CODES, OTHER REQUISITES, NAME
OF WORK, ESTIMATED COST, EMD and SPECIAL TERMS AND
CONDITIONS)**



GENERAL CONDITIONS OF CONTRACT

Definition and Interpretation: In this Contract, unless the context requires otherwise, the following terms shall have the meaning ascribed to them hereunder: -

1.0 Definition

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

- i) Works or work means the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
- ii) Site means the land/or other places on, into or through which work is 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 be allotted or used for the purpose of carrying out the contract.
- iii) The Contractor means the individual, firm or company, whether incorporated or not, undertaking the works and includes the legal representative of such individual, or the successors of the such firm or company and the permitted assignees of such individual, firm, or company.
- iv) The expression Director, NIT Durgapur means the Director, NIT Durgapur and his successors in office.
- v) The Employer means the Officer who is authorized and signs the contract on behalf of the National Institute of Technology, Durgapur and shall be in-charge of the work.
- vi) The Engineer means the officer who shall supervise the work on behalf of the Employer.
- vii) Accepting, means the officer whose authority is mentioned in Bidding Data.
- viii) Accepted Risks are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion, revolution, insurrection, military or usurped power, any acts of Government damage from aircraft, acts of God such as earthquake, lightning and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the Accepting Authority or cause solely due to use or occupation by Government/Institute of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to Employer's faulty design of works.
- ix) Market Rate shall be the rate as decided by the Employer on the basis of analysis of rates which shall be prepared based on the prevailing market rates of material + labour + (overheads + profit=15%) +/- quoted percentage as per procedure laid down in CPWD Analysis of Rates (Civil)- 2019.
- x) Schedule(s) referred to in these conditions shall means the relevant schedule(s) annexed to the bid papers of the standard Schedule of Rates of the Government mentioned (PWD/PHE/CPWD) in Bidding Data hereunder, with the amendments thereto issued up to the date of receipt of the bid.
- xi) Bid Amount means the value of the entire work as stipulated in the letter of award.

1.1 Interpretation: -

- i) The Contract means and includes the documents forming the bids and acceptance thereof and the formal agreement executed between the competent authority on behalf of the National Institute of Technology, Durgapur and the bidders, together with the documents referred to therein including these conditions, the specification, designs, drawings and instructions issued from time to time by the Employer and all these documents taken together, shall be deemed to form one

contract and shall be complementary to one another.

- ii) Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
- iii) Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or taken into consideration in the interpretation or construction thereof of the contract.
- iv) The original Contract shall remain with the Employer. The contractor may be furnished, one duplicate copy of the contract documents together with all drawings, if any, as may be forming part of bidding document except standard specification, Schedule of Rates and similar other printed and published documents. None of these documents shall be used for any purpose other than that of this contract. The duplicate copies will be provided, if requested by the contractor, as per charges to be decided by the authority from time to time.

1.2 Discrepancies & adjustment of errors:

The several documents forming Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.

In the case of discrepancy between the schedule of Quantities, the Specifications and/or the Drawings, the following order of preference shall be observed: -

- i) Description of Schedule of Quantities.
- ii) Particular Specification Condition, if any.
- iii) Drawings.
- iv) Technical Specifications as laid down by CPWD/PWD/PHE
- v) Indian Standard Specifications of B.I.S.
- vi) National Building Code

1.3 Sufficiency of Tender:

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

1.4 Signing of Contract

The successful bidder, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign and execute the Contract consisting of: -

- i) the invitation for bids, 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, and
- ii) Standard Form as mentioned in Bidding Data consisting of: -
 - a) Various standard clauses with corrections up to the date along with annexure thereto.
 - b) Safety Code.
 - c) Model Rules for the protection of health, sanitary arrangements for workers employed; and
 - d) Contractor's Labour Regulations.
 - e) SOP containing latest COVID-19 protocol issued by GoI / GoWB/NITD

1.5 Works to be carried out:

The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, 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 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 labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good industry practice and recognized principles.

2.0 Work not to be Sublet and Action in Case of Insolvency or Attempt to influence contract:

The contract shall not be assigned or sublet without the prior written approval of the Employer. If the contractor shall assign or sublet his 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, before or after the execution of the contract be given, promised or offered by the contractor, or any of his servants or agent or associate to any public officer or person in the employ of National Institute of Technology, Durgapur 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 Employer shall have power to adopt the course specified in Clause 8.3 hereof in the interest of National Institute of Technology, Durgapur and in the event of such course being adopted, the consequences specified in the said Clause shall ensue.

2.1 Change in Contractor's organization to be approved:

Where the contractor is a partnership firm, the previous approval in writing of the Employer 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 works undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 2.1 hereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause.

2.2 Contractor to Indemnify Govt. Against Patent Rights:

The Contractor shall fully indemnify and keep indemnified 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 or Intellectual Property 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 the Employer, in respect of any such matters as aforesaid, the contractor shall be notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or co 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 Employer in this behalf.

2.3 Withholding and Lien in Respect of Sums Due from Contractor:

(i) Whenever any claim or claims for payment of a sum of money arises out of or under the contract or against the contractor, the Employer or the Institute 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

aforsaid, the Employer or the Government/Institute shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien 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 no security has been taken from the contractor, the Employer or the Government/Institute shall be entitled to withhold and have a lien to retain to the extent of such claimed amount or amounts referred to above, from any sum or sums found payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with the Employer or the Government/Institute or any contracting person through the Employer pending finalization of adjudication of any such claim.

- ii) National Institute of Technology, Durgapur shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc. to be made after payment of the final bills of the contractor including all supporting 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 overpaid in respect of any work done by the contractor under the contract or any work claimed 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 over-payment and it shall be lawful for National Institute of Technology, Durgapur 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 the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by National Institute of Technology, Durgapur to the contractor, without any interest thereon whatsoever.

Provided that the National Institute of Technology, Durgapur 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 upon between 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.

Any sum of money due and payable to the contractor (including the security Deposit returnable to him) under the contract may be withheld or retained by way of lien by the Employer or the Government/Institute or any other contracting person or persons through Employer against any claim of the Employer or Government/Institute 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 the clause by the employer or the Government/Institute will be kept withheld or retained as such by the Employer or the Government/Institute or till his claim arising out of 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 damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.

2.4 Levy/Taxes Payable by The Contractor

- i) Up-to-date Income Tax clearance certificates, Trade license certificates, EPF certificates and other certificates are to be produced by the contractor.
- ii) (a) GST, Building and other Construction Workers Welfare Cess or any other

tax, levy or Cess in respect of input for or output by this contract shall be payable by the contractor and NIT Durgapur shall not entertain any claim whatsoever in this respect except as provided as under.

All tendered rates shall be inclusive of any tax, levy or cess applicable on last stipulated date of receipt of tender including extension if any. No adjustment i.e. increase or decrease shall be made for any variation in the rate of GST, Building and Other Construction Workers Welfare Cess or any tax, levy or cess applicable on inputs.

However, effect of variation in rates of GST or Building and Other Construction Workers Welfare Cess or imposition or repeal of any other tax, levy or cess applicable on output of the works contract shall be adjusted on either side, increase or decrease.

Provided further that for Building and Other Construction Workers Welfare Cess or any tax (other than GST), levy or cess varied or imposed after the last date of receipt of tender including extension if any, any increase shall be reimbursed to the contractor only if the contractor necessarily and properly pays such increased amount of taxes/ levies/cess. Provided further that such increase including GST shall not be made in the extended period of contract for which the contractor alone is responsible for delay as determined by authority for extension of time.

The contractor shall, within a period of 30 days of the imposition of any such further tax or levy or cess, or variation or repeal of such tax or levy or cess give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

- iii) The Contractor shall deposit royalty and obtain necessary permit for supply of the red bajri, stone, kankar, etc. and other materials from local authorities.
- iv) If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the Employer and does not any time become payable by the contractor to the State Government/Institute or Local authorities in respect of any material used by the contractor in the works then in such a cases, 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.

2.5 Conditions for Reimbursement of Levy/Taxes, if Levied after Receipt of Tenders:

All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, pursuant to the Constitution (46th Amendment) Act, 1982, if any further tax or levy is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the contractor thereupon necessarily and properly pays such taxes/levies, the contractor shall be reimbursed the amount so paid, provided such payment, if any, is not, in the opinion of the Employer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.

The contractor shall keep books of accounts and other documents for the purpose of this condition as may be necessary to clearly arrive at such amounts shall allow inspection of the same by a duly authorized representative of the Employer and further shall furnish such other information/document as the Employer may require from time to time.

2.6 If the Relation Working in the Department:

The Contractor shall not be permitted to tender for works with the Employer office in which his near relative is posted in-Accounts Section or as an officer in any capacity as Engineer. He shall also intimate the names of persons who are near relatives to any Gazetted Officer in the department or in the Ministry who are working with him in any capacity or are subsequently employed by him. Any breach of this condition by the Contractor shall render him liable to be removed from the approved list of contractors of the Department. If, however, the contractor is registered in any other department, he shall be debarred from tendering for any breach of this condition.

NOTE: By the term “near relatives” is meant wife, husband, parents and Grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.

2.7 Prohibition to Work as Contractor

No engineer of gazetted rank or other gazetted officer employed in engineering or administrative duties in an engineering department of the Government of India shall work as a Contractor or employee of a Contractor for a period of two years after his retirement from government/Institute service without the previous permission of Government of India/Institute in writing. The contract is liable to be cancelled if either Contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Government of India as aforesaid, before submission of the tender or engagement in the contractor’s services, as the case maybe.

2.8 Provisions of the Apprentices Act to be complied with:

The Contractor shall comply with the provisions of the Apprentices Act, 1961 and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the 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 said Act.

3.0 Security for performance:

3.1 Performance Guarantee:

- i) The Contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the contract price in addition to other deposits mentioned elsewhere in the contract for his proper performances and due fulfilment of the terms and conditions of the Contract, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Bid Data from the date of issue of letter of acceptance. This period can be further extended, on payment of the specified late fee, by the Institute up to a maximum period as specified in bidding data on written request of the contractor stating the reason for delays in procuring the Bank Guarantee, to the satisfaction of the Employer. This guarantee shall be in the form of Demand Draft/Pay Order of any scheduled bank (in case guarantee amount is greater than Rs.10000/-) or accordance with the form annexed hereto. In case a fixed deposit receipt is furnished by the contractor to the Institute as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt when demanded, the loss caused thereby shall fall on the contractor and on demand the contractor shall forthwith furnish additional acceptable security to the Institute to make good the deficit.
- ii) The Performance Guarantee shall be initially valid up to the stipulated date of

completion plus 365 days thereafter. 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 certificate for the work by the competent authority, the performance guarantee shall be returned to the Contractor, without any interest.

- iii) The Employer shall not claim under the performance guarantee except for amounts to which the Employer is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the Contract) 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 employer may claim the full amount of the Performance Guarantee.
 - b) Failure by the Contractor to pay the Employer any amount due, either as agreed by the contractor or determined under any of the Clause/Conditions of the Contract, within 30 days of the service of notice to this effect by Employer.

- iv) In the event of the Contract being determined or rescinded under provision of any of the Clause/Condition of the Contract, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Employer.

All compensations or the other sums of money payable by the Contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the Contractor by the Employer on 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 fixed deposit receipt tendered by the State Bank of India or by Scheduled Banks or Government Securities (if deposited for more than 12 months) endorsed in favour of the Employer, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be mentioned above and the Earnest money if deposited in cash at the time of tenders will be treated a part of the Security Deposit.

Note- 1: Government papers tendered as security will be taken 5% (five per cent) below its market prices or at its face value, whichever is less. The market price of Government paper would be ascertained by the Employer at the time of collection of interest and the amount of interest to the extent of deficiency in value of the Government paper will be withheld if necessary.

Note –2: Government Securities will include all forms of Securities mentioned in rule No.275 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.

- v) The performances Guarantee shall be continuous and revolving for the warranty period. In case, the Bank Guarantee shall be replenished by an equal amount within 15 days by the contractor.

3.2 Earnest Money and its Conversion to Security Deposit:

The Employer will deduct a sum at the rate of 3% of the gross amount of each running bill of the Contractor till the sum along with the sum already deposited as Earnest Money* (2.0 % of the Estimated Amount of the tender) along with 5% Performance Guarantee will amount

to security Deposit (SD) of - 10% of the bid value of the work. Such Deductions will be made and held by Institute by way of Security Deposit for 365 days after completion of work, during which the contractor is responsible for attending and rectifying all complains on his work). No exemption in Earnest Money is entertained except those having certificate of NSIC/MSME, specifying relevant NIC codes for cleaning of tank works in. *Earnest Money is to be deposited as DD or Bank Guarantee on any nationalized bank which will be returned to the unsuccessful bidders within 30 working days after finalization of bid.

However, there is no exemption or preference in i) bid value, ii) Security Deposit (3%) and iii) Performance Guarantee (5%) for those having certificate of NSIC/MSME.

4.0 Execution of Work:

4.1 Works to be Executed in Accordance with Specifications, Drawings, Orders Etc.:

The Contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The Contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by the Employer and the Contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in the standard specifications specified in Bidding Data or in any Bureau of Indian Standard or any other, published standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract.

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 inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

4.2 Deviations/Variations Extent and Pricing:

The Employer shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works 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 works in accordance with any instructions given to him in writing signed by the Employer 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 specified above as part of the works, shall be carried out by the Contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the Contractor, as follows:

- i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus.
- ii) 25% of the calculated in (i) above or such further additional time as may be considered reasonable by the Employer.

The completion cost of any agreement for Maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed 1.25 times of Tendered amount. Any further deviation beyond this limit up to 1.5 times of tendered amount shall be approved by the competent authority with recorded reason and in exceptional case, the competent authority shall have full power to approve the deviation beyond 1.50 times of tendered amount with recorded reason and take suitable corrective action.

In the case of Extra Item(s) being the schedule items [CPWD / PWD (WB) /PHE(WB)], these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/ below quoted contract amount.

Payment of Extra items in case of non-schedule items [Non CPWD / PWD (WB) /PHE(WB) items] shall be made as per the prevailing market rate.

In the case of Substitute Item(s) being the schedule items [CPWD / PWD (WB) /PHE(WB)], these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/ below quoted contract amount.

Payment of Substitute in case of non-schedule items [Non-CPWD / PWD (WB) /PHE(WB)] shall be made as per the prevailing market rate.

In the case of contract items, which exceed the limits laid down, the contractor shall be paid rates at Agreement rate/Market rate whichever is lower.

In case of decrease in the rates prevailing in the market of items for the work in excess of the limits laid down, the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.

The Contractor shall send to the Employer 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 Employer 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.

For the purpose of operation deviation limit as provided in the Bidding Data, the following works shall be treated as works relating to foundation:

- i) For buildings, compound walls plinth level or 1.2 meters (4 feet) above ground level whichever is lower excluding items of flooring and D.P.C. but including base concrete below the floors.
- ii) For abutments, piers, retaining walls of culverts and bridges, walls of water reservoirs the abed of floor level.
- iii) For retaining walls where floor level is not determinate 1.2 meters above the average ground level or bed level.
- iv) For Roads all items of excavation and filling including treatment of sub-base. Any operation incidental to or necessarily has to be in contemplation of bidder 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 bidder or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.

4.3 Action in Case Work Not Done as per Specification:

All works under or in course of execution or executed in pursuance of the contract shall at all times be open and accessible to the inspection and supervision of the Employer, his authorized subordinates in charge of the work and all the superior officers, Standing Quality Control Cell of the Institute, 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 has 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 Employer or his authorized subordinates in-charge of the work or to the Standing quality control cell or his subordinate officers, that any work has been executed with unsound, imperfect, or unskilful 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 Employer specifying the work, materials or articles or articles complained of not with standing that the same may have been passed, certified and paid for forthwith rectify, or 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 Employer in his demand aforesaid, then the Contractor shall be liable to pay compensation at the same rate as under clause 8.2 of the contract (for non-completion of the work in time) for this default.

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

4.4 Contractor Liable for Damages, Defects during Defects liability period:

If the Contractor or his working staff or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to premise on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkages or other faults appear in the work within the period as specified in the Bidding Document after a certificate final or otherwise of its completion shall have been given by the Employer as aforesaid arising out of defect or improper materials or workmanship the Contractor shall upon receipt of the notice in writing on that behalf make the same good at his own expense or in default the Engineer cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the Contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the

Contractor shall not be refunded before the expiry defects liability period after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

In case of Maintenance and Operation works of E&M services, the security deposit deducted from Contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

4.5 Contractor Shall Supply Tools & Plants, etc.:

The Contractor shall provide at his own cost all materials, plant, tools, appliances, implements, ladders, corkage, tackle, scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specifications 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 the 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 the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing, the same may be provided by the Employer at the expense of the Contractor, under this contract or otherwise and / or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

**4.6 Employment of Technical Staff and Employees:
Contractor's Superintendence, Supervision, Technical Staff & Employees.**

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

The contractor shall immediately after receiving letter of acceptance of the Bid and before commencement of the work, intimate in writing to the Employer the name(s), qualifications, experiences, age, address(s) and other particulars along with certificates of the principal technical representative to be in charge of the work and other technical representative(s) who will be supervising the work. Minimum requirement of such technical representative(s) and their qualifications and experience shall not be lower than specified in Bidding Document.

The Employer shall with 3 days of receipt of such communication intimate in writing his approval or otherwise of such representative(s) to the contractor. Any such approval may at any time be withdrawn and in case of such withdrawal, the contractor shall appoint another such representative(s) according to the provisions of this clause. Decision of the bid accepting authority shall be final and binding on the contractor in this respect. Such a principal technical representative and other technical representative(s) shall be appointed by the contractor soon after receipt of the approval from Employer and shall be available at site before start of work.

All the provisions applicable to the principal technical representative under the clause will also be applicable to other technical representative(s). The principal technical representative and other technical representative(s) shall be present at the site of work for supervision at all times when any construction activity is in progress and also present himself/themselves, as required, to the Employer and/or his designated representative to take instructions. Instructions given to the technical representative(s) shall be deemed to have the same post as if these have been given to

the contractor. The principal technical representative(s) shall be actually available at site fully during all stages of execution of work, during recording/checking/test checking of measurement of works and whenever so required by the Employer or his designated representative(s) in the Site Order Book

And shall affix his/their signature(s) in token of noting down the instructions and in token of acceptance of measurements/checked measurements/test checked measurements. The representatives(s) by more than two days. If the employer, whose decision in this respect is final and binding on the contractors convinced that no such technical representative(s) is/are effectively appointed or/is/are effectively attending or fulfilling the provision of this clause, a recovery (non- refundable) shall be affected from the contractor as specified in Binding Data and the decision of the Employer as recorded in the Site Order Book and measurements recorded. Checked/test checked in Measurement Books shall be final and binding on the contractor.

Further if the contractor fails to appoint a suitable principal technical representative and/or other technical representative(s) and if such appointed persons are not effectively present or are absent by more than two days without duly approved substitute or do not discharge their responsibilities satisfactorily, the employer shall have full power to suspend the execution of the work until such date as a suitable other technical representative(s) is/are appointed and the contractor shall be held responsible for the delay so caused to the work.. The contractor shall submit a certificate of employment of the technical representative(s) along with every on-account bill/final bill and shall produce evidence if at any time so required by the Employer.

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

The contractor shall provide and employ skilled, semiskilled and unskilled labour as is necessary for proper and timely execution of the work. The minimum strength of trained and certified workers shall be 5% of the total strength employed. The accepted certification shall be granted by government authorize organizations.

The Employer shall be a 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 Employer to be undesirable. Such person shall not be employed again at works site without the written permission of the Employer and the persons so removed shall be replaced as soon as possible by competent substitutes.

5.0 Materials to be provided by the Contractor

The Contractor shall, at his own expense, provide all materials, required of the works other than those which are stipulated to be supplied by the Employer.

The Contractor shall, at his own expense and without delay, supply to the Employer 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 to in the contract. The Contractor shall, if requested by the Employer furnish proof, to the satisfaction of the Employer that the materials so comply. The Employer shall within thirty days of supply of samples or within such further period as he may require intimate to the Contractor in writing whether samples are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the Employer for his approval fresh samples complying with the specifications laid down in the contract.

When materials are required to be tested in accordance with specifications, approval of the Employer shall be issued after the test result is received.

The Contractor shall his risk and cost submit the samples of materials to be tested or analysed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and materials finally accepted by the Employer. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.

The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Employer may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Employer and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications. The Employer or his authorized representative shall at all times have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the Contractor shall afford every facility and every assistance in obtaining the right to such access.

The Employer 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 Employer shall be at liberty to employ at the expense of the Contractor, other person to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Employer shall also have full powers to require other proper materials to be substituted thereof and in case of default, the Employer because the same to be supplied and all costs which may attend such removal and substitution shall be borne by the Contractor.

5.1 Dismantled Material Institute Property:

The Contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work, etc. as Institute's property and such materials shall be disposed of to be best advantage of Institute according to the instructions in writing issued by the Employer.

5.2 Arrangement for Water for Construction:

The contractor(s) shall make his/their own arrangements for water required for the and nothing extra will be paid from 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 supply of water at the risk and cost of contractor(s) for procurement of water is in the opinion of the Engineer, unsatisfactory.

Water, if available, may be supplied to the contractor by the Employer subject to the following conditions: -

- i) The contractor (s) shall make his/their own arrangement of water connection and laying of pipelines from existing main source of supply.
- ii) The Department do not guarantee to maintain uninterrupted supply of water and it will be incumbent on the contractor(s) to make alternative arrangements for water at his/their own cost in the event of any temporary break down in the Institute water main so that the progress of his/their work

is not held up for want of water. No claim of damage or refund of water charges will be entertained on account of such break down.

5.3 Arrangement for electric charges:

- i) The contractor(s) shall make own arrangements for setting up electric meter connection at his/their own cost to the satisfaction of the Assistant Engineer (Electrical) and Work Supervisor before using any electrical appliance for the cleaning process.
- ii) Initial reading from the meter will be taken as to calculate the actual consumption of electricity for the whole process. The meter reading shall always be taken in front of Assistant Engineer (Electrical) and Work Supervisor, accordingly.

5.4 Use of Asphaltic Material:

- i) The Contractor agrees and undertakes to make arrangement for the supervision of the work by the firm supplying the tar or bitumen used.
- ii) The Contractor shall collect the total quantity of tar or bitumen required for the work as per standard formula, before the process of painting is started and shall hypothecate it to the Employer. If any bitumen or tar remain unused on completion of the work on account of lesser use of materials in actual execution for reasons other than authorized changes of specifications and abandonment of portion of work, a corresponding deduction equivalent to the cost of unused materials as determined by the Employer shall be made and the material return to the Contractors. Although the materials are hypothecated to Institute, the Contractor agrees and undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Employer in writing.
- iii) The Contractor shall be responsible for rectifying defects noticed within a year from the date of completion of the work and the portion of the security deposit relating to asphaltic work shall be refunded after the expiry of this period.

6.0 Measurements of Work Done:

Engineer shall, except as otherwise provided, ascertain and determine by measurement the value in accordance with the contract of work done.

All measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works performed under the contract.

All measurements and levels shall be taken jointly by the Engineer or his authorized representatives and by the contractor or his authorized representatives from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer and the contractor or their representatives in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties.

If for any reason the contractor or his authorized representative is not available and the work of recording measurements is suspended by the Engineer shall not entertain any claim from contractor for any loss or damages on this account If the contractor or his authorized representative does not remain present at the time of such measurements after the contractor or his authorized representative has been given a notice in writing three (3) days

in advance or fails to countersign or to record objection within a week from the date of the measurement, then such measurements recorded in his absence by the Engineer or his representatives shall be deemed to be accepted by the Contractor.

The contractor shall, without extra charges, provide all assistance with every appliance, labour and other things necessary for measurements and recording levels.

Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurements or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards i.e. IS 1200 -- Method of measurement of building and civil engineering works and if for item no such standard is available then a mutually agreed method shall be followed.

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

Employer or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded jointly or otherwise as aforesaid and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.

It is also a term of this contract that recording of measurements of any item of work in the measurement book and/or its payment in the interim, on account or final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the Contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

6.1 Intermediate Payment:

No payment shall be made for work, of a low value or less till after the whole of the work shall have been completed and certificate of completion given. For Civil works estimated to cost over Rs. Five Lakh, (For Electrical Works = 3 Lacs) the interim or running account bills shall be submitted by the Contractor for the work executed on the basis of such recorded measurements on the format of the Department in triplicate on or before the date of every Two Months fixed for the same by the Employer. The Contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/adjustment of advances for material collected, if any, since the last such payment is less than above limits (i.e. Rs. Five / Three Lakh respectively), in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved. Employer shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurements of the work. In the event of the failure of the

Contractor to submit the bills, Engineer shall prepare or cause to be prepared such bills in which event no claims whatsoever due to delays on payment including that of interest shall be payable to the Contractor. Payment on account of amount admissible shall be made by the Employer certifying the sum to which the Contractor is considered entitled by way of interim payment at such rates as decided by the Employer. The amount admissible shall be paid by 21 working days after the day of presentation of the bill by the Contractor to the Engineer together with the account of the material issued by the department, or dismantled materials, if any.

All such interim payments shall be regarded as payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Employer relating to the work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Employer under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

Pending consideration of extension of date of completion, interim payments shall continue to be made as herein provided without prejudice to the right of the Employer to take action under the terms of this contract for delay in the completion of work, if the extension of date of completion is not granted by the competent authority.

No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC etc. and whatever applicable are submitted by the contractor to the Engineer-in-Charge.

6.2 Completion Certificate and Completion Plans:

Within ten days of the completion of the work, the Contractor shall give notice of such completion to the Employer and within thirty days of the receipt of such notice the Employer shall inspect the work and if there is no defect in the work, shall furnish the Contractor with a final certificate of completions, otherwise a provisional certificate of physical completion indicating defects

(a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate of completion shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangements required for his/their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, windows, walls, floor or other parts of the building, in upon, or about which the work is to be executed or of which he may have had possession for the purpose of the execution thereof, and not until the work shall have been measured by the Employer. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangements as aforesaid and cleaning of dirt on or before the date fixed for the completion of work, the Employer may at the expense of the contractor remove such scaffolding, surplus materials and rubbish etc., and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and

the contractor shall have no claim in respect of scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

When the annual repairs and maintenance of works are carried out, the splashes and droppings from white washing, color washing, painting etc., on walls, floor, windows, etc. shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done without waiting for the actual completion of all the other items of work in the contract. In case the contractor fails to comply with the requirements of this clause, the Employer shall have the right to get this work done at the cost of the contractor either departmentally or through any other agency. Before taking such action, the Employer shall give ten days' notice in writing to the contractor.

6.3 Payment of Final Bill:

The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished recorded by the Engineer-in-Charge whichever is earlier. 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-in-Charge, will, as far as possible be made within three months the period specified here in under, the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Asstt. Engineer/ Junior Engineer, complete with account of materials issued by the Department and dismantled materials if any. (a) If the Tendered value of work is up to Rs. 45 lakhs: 2 months

(b) If the Tendered value of work is more than Rs.45 lakhs and up to: 3 months Rs. 2.5 Crore

(c) If the Tendered value of work exceeds Rs. 2.5 Crore: 6 months

If the final bill is submitted by the contractor within the period specified above and delay in payment of final bills is made by the deptt. After prescribed time limit a simple interest@ 5% per annum shall be paid to the contractor from the date of expiry of prescribed time limit which will be compounded on yearly basis, provided the final bill submitted by the contractor is found to be in order.

Payments due to the contractor may, if so desired by him, be made to his bank, registered financial, co-operative or thrift societies or recognized financial institutions instead of direct to him provided that the contractor furnishes to the Engineer-in-Charge (1) an authorization in the form of a legally valid document such as a power of attorney conferring authority on the bank; registered financial, co-operative or thrift societies or recognized financial institutions to receive payments and (2) his own acceptance of the correctness of the amount made out as being due to him by the Institute or his signature on the bill or other claim preferred against the Institute before settlement by the Engineer-in-Charge of the account or claim by payment to the bank, registered financial, co-operative or thrift societies or recognized financial institutions. While the receipt given by such banks; registered financial, co-operative or thrift societies or recognized financial institutions shall constitute a full and sufficient discharge for the payment, the contractor shall whenever possible present

his bills duly receipted and discharged through his bank, registered financial, cooperative or thrift societies or recognized financial institutions. Nothing herein contained shall operate to create in favour of the bank; registered financial, co-operative or thrift societies or recognized financial institutions any rights or equities vis the Institute.

6.4 Release of Security Deposit After Labour Clearance:

Security Deposit of the work shall not be refunded till the Contractor produces a clearance certificate from the Labour Officer, as soon as the work is virtually complete the Contractor shall apply for the clearance certificate to the Labour Officer under intimation to the Employer. The Employer, on receipt of the said communication, shall write to the Labour Officer to intimate if any complaint is pending against the Contractor in respect of the work. If no complaint is pending, on record till after 3 months after completion of the work and/or no communication is received from the Labour Officer to this effect till six months after the date of completion, it will be deemed to have received the clearance certificate and the Security Deposit will be released if otherwise due.

6.5 Secured Advance on Non-Perishable Materials:

NO SECURED ADVANCE WILL BE PAYABLE BY THE INSTITUTE.

6.6 Compensation During Warlike Situation:

The work (whether fully constructed or not) and all materials, tools and plants, scaffolding, temporary building and other things connected therewith shall be at the risk and cost of the Contractor until the work has been delivered to the Employer and a certificate from him to that effect obtained. In the event of the work or any materials property brought to the site for incorporation in the work being damaged or destroyed in consequence of hostilities or warlike operation(i.e. War, border skirmishes, invasion, act of foreign enemies, rebellion, revolution, insurrection of military or usurped powers, or civil war, action against terrorist/militants), the Contractor shall, when ordered (in writing) by the Employer to remove any debris from the site, collect and property stack or 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 the agreement for the work of clearing the site of debris, stacking or removal of serviceable material and for reconstruction of all works ordered by the Employer, such payments being in addition to compensation up to the value of the work originally executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed by reasons stated above but not already measured and paid for, the compensation shall be assessed by the employer. The contractor shall be paid for the damages/destructions suffered and for the restoring the material at the rate based on analysis of rates tendered for accordance with the provision of the contract. The certificate of the employer regarding the quality and quantity of materials and the purpose for which they were collected shall be final and binding on all parties of this contract.

Provided always that no compensation shall be payable for any loss in consequence of hostilities or warlike operations (a) unless the contractor had taken all such precaution against air raid as are deemed necessary by the

A.R.P. officers or the employer (b) for any material etc. not on the site of the work or for any tools, plant, machinery, scaffolding, temporary building and other things not intended for the work.

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

7.0 Observance of Labour Regulations:

7.1 Recovery of compensation paid to workmen:

In every case in which by virtue of the provisions sub-section (1) of Sec.12 of the workmen's compensation act 1923, Institute is obliged to pay compensation to a workmen employed by the contractor, in execution of the works, Institute will recover from the contractor the amount of the compensations so paid and without prejudice to the rights of the Institute under sub-section (2) of Section. 12, of the said Act, Institute shall be at liberty to recover such amount or any part thereof, by deducting it from the Security Deposit of from any sum due by Institute to the contractor whether under this contract or otherwise. Institute shall not be found to contest any claim made against it under sub-section (1) Section-12 of the same Act, except on the written request of the contractor and upon his giving to Institute full security for all costs for which might become liable in consequence of contesting such claim.

7.2 Ensuring Payment and Amenities to Workman, if Contractor fails:

In every case in which by virtue of the provisions of the Contract Labour (Regulations and Abolition) Act, 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1977, or any other recent rules enacted by Central Government, the Institute is obliged to pay any wages to a workmen employed by the Contractor in execution of the works, or to incurred any expenditure in providing wale fare and health ammonites required to be provided under the above said Act, And the rules under clause 7.10 or under the Contractor Labour Regulations of under the Rules framed by Government from time to time for the protection for health and sanitary arrangement for workers employed by Contractor the Institute will recover from the Contractor, the amount of wages so paid or the amount of expenditure so incurred : and without prejudice to the rights of Institute under sub-section (2) of section 20, and sub-section (4) of section 21 of the Contract Labour (Regulation and Abolition) Act, 1970, the Institute shall be at liberty to recover such amount of any part thereof by deducting it from the security deposit or from due by Institute to the Contractor whether under this Contract or otherwise Institute shall not be bound to contest any claim maid against under sub-section (1) of Section 20, Sub-section (4) of section 21, of the said act, except on written request of the contractor and upon his giving to the Institute full security for which Institute might become liable in contesting such claim.

7.3 Labour Laws to be Complied:

The Contractor shall obtain a valid license under the Contract Labour (R\$A) Act 1970, and the Contract Labour (Regulation and Abolition) Central Rules 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.

The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.

Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.

No labour below the age of fourteen years shall be employed on the work as a workman.

7.4 Payment of Wages:

- i) The Contractor shall pay to labour employed by him either directly or through sub-contractors wages not less than fair wages as defined in Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971 wherever amended in time to time by the government, applicable.
- ii) The Contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.
- iii) In respect of all labour directly or indirectly employed in the works for performance of the contractor's part of this contract, the Contractor shall comply with or cause to be complied with the contractor's Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages recovery of wages not paid and deductions unauthorized made, maintenance of wage books or wage slips, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.
 - a) The Employer concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for mankind good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.
 - b) Under the provision of Minimum Wages (Central) Rules 1950, the contractor is bound to allow to the labours directly or indirectly employed in the works one-day rest for 6 days' continuous work and pay wages at the same rate as for duty. In the event of default, the Employer shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same in the persons entitled thereto from any money due to the contractor by the Employer concerned.
- iv) The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, and the Contractor's Labour (Regulation and Abolition) Act 1970, or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.
- v) The contractor shall indemnify and keep indemnified the Institute against payments to be made under and for the observance of the laws aforesaid and the Contractor's Labour Regulations without prejudice to his right to claim indemnity from his sub-contractors.
- vi) The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.
- vii) Whatever is the minimum wage for the time being, or if the wages payable is higher than such wage, such wage shall be paid by the Contractor to the workmen directly without the intervention of Supervisor and the Supervisor shall not be entitled to deduct or recover any amount from the minimum wages payable to the workmen as and by way of commission or otherwise.
- viii) The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Supervisor from the wage of workmen.
- ix) Wages due to every worker shall be paid to him direct by contractor through Bank or ECS or online transfer to his bank account.
- x) All wages shall be paid through Bank or ECS or online transfer.

7.5 Arrangement for safety Provisions:

In respect of all labour directly or indirectly employed in the work for the performance of the Contractor's part of this contract, the Contractor shall at his own expense arrange for the safety

provisions as per 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.5000/- for each default and in addition the Employer shall be a liberty to made arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the Contractor. The contractor shall at his own expense, conform to all anti-malarial/anti Covid-19 instructions given to him by the Employer including the filling up of any borrow pits which may have been dug by him.

7.6 Submission of Labour Return:

The contractor shall submit by the 4th and 19th of every month, to the Engineer 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, and
- 5) the number of female workers who have been allowed maternity benefit according to Clause 7.8 and the amount paid to them.

Failing which the Contractor shall be liable to pay to Institute, a sum not exceeding Rs.500/- for each default or materially incorrect statement. The decision of the Employer shall be final in deducting from any bill due to the Contractor the amount levied as fine and be binding on the contractor.

7.7 Rules Framed by Govt. To Be Compiled:

In respect of all labour directly or indirectly employed in the works for the performance of the Contractor's part of this contract, the Contractor shall comply with or causes to be complied with all the rules framed by Government from time for the protection of health and sanitary a arrangements for workers employed by the contractors.

7.8 Leave and Pay Regulation:

Leave and pay during leave shall be regulated as follows:

1. Leave:

- i) in the case of deliver, maternity leave not exceeding 8 weeks, 4 weeks up to and including the day of delivery and 4 weeks following that day.
- ii) In the case of miscarriage- up to 3 weeks from the date of miscarriage.

2. Pay:

- i) In the case of delivery leave pay during maternity leave will be at the rate of the women's average daily earning calculated on total wages on the days when full time work was done during a period of three months immediately preceding the day on which she gives notice that she expects to be confined or at the rate of rupees one only a day whichever is greater.
- ii) In the case of miscarriage –leave pays at the rate of average daily earning calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date of such miscarriage.

3. Conditions for the grant of Maternity Leave:

No Maternity leave benefit shall be admissible to a woman unless she has been employed for a total period of not less than six months immediately preceding the date on which she proceeds on leave.

4. The Contractor shall maintain register of maternity (benefit) in the prescribed form, and the same shall be kept at the place of work.

7.9 Default of any of the Provisions of Contractors' Labour Regulation:

In the event of contractor(s) committing a default or breach of any of the provisions, Contractors' Labour Regulations and Model Rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filling any statement under the provisions of the above Regulations and Rules which is materially incorrect, he / they shall, without prejudice to any other liability, pay to the Institute a sum NOT exceeding Rs.500/- for every default, breach or furnishing, making, submitting, filing such materially incorrect statements and in the event of the contractor(s) defaulting continuously in this respect, the penalty may be enhanced by Rs.200/-per day for each day of default subject to a maximum of 5% of the estimated cost of the work put to tender. The decision of the Employer shall be final and binding on the parties. Should it appear to the Engineer that the Contractor(s) is / or not properly observing and complying with the provisions of the Contractor's Labour Regulations and Model Rules and the provision of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (RA) Central Rules 97, for the protection of Health and sanitary arrangement for work people employed by the Contractor(s) (hereinafter referred as "the said rules") the Employer shall have power to give notice in writing to the Contractor(s) requiring that the said rules be complied with and the amenities prescribed therein be provided to the work people shall fail within the period specified in the notice to comply with and / observe the said rules and to provide the amenities to the work people as aforesaid, the Employer shall have the power to provide the amenities herein before mentioned at the cost of the Contractor(s). The Contractor(s) shall erect, make and maintain at his / their own expense and to approve standards all necessary tents and sanitary arrangements required for his /their work people on the sites in connection with the execution of the work, and if the same shall not have been erected or constructed according to approved standards, the employer shall have the power to give notices in writing to the Contractor(s) requiring that the said tents and sanitary arrangements be remodeled and / or reconstructed to approved standards, and if the Contractor(s) shall fail to remodel or reconstruct such huts and sanitary arrangements according to approved standards within the period specified in the notices the Employer shall have the power to remodel or reconstruct such huts and sanitary arrangements according to approved standards at the cost of the Contractor(s).

7.10 Provision of Tents, Water supply to the Laborers:

Generally, Such Provision is not Applicable to Maintenance work.

However, under the discretion of the Engineer – in – Charge/Institute, for the skeleton staffs only the Contractor(s) shall at his / their own cost provide his / their labour the following facilities:

- a) sufficient number of tents;
- b) sufficient number of latrines and urinals covered by tents.
- c) sufficient quantity of water for drinking and other purposes which shall be charged as per actuals (supplying & fitting of approved water meter shall be done by the contractor at his own cost);

d) proper drainages and sanitation.

7.11 Removal of Contractor's Employee:

The Employer may require the contractor to dismiss or remove from the site of the work any person or persons in the Contractors' employ upon the work who may be incompetent or misconduct himself and the contractor shall forthwith comply with such requirements.

8.0 Time and Extension for delay:

This provision of delay/time over run is not applicable generally to maintenance work as it is to be attended in schedule time, however for general terms and conditions it is stated that, the time allowed for execution of the works as specified in the bidding data or the extended time in accordance with these conditions shall be the essences of the contract. The execution of works shall commence from such time period as mentioned in letter of acceptance or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Institute shall without prejudices to any other right or remedy available in law, be at liberty to forfeit the Earnest Money and performances guarantee absolutely.

As soon as possible after the contract is concluded the Contractor shall submit a time and Progress Chart and get it approved by the Employer. It shall indicate the forecast of the dates of commencements and completion of various trades of sections of the work and may be amended as necessary by agreement between the Employer and the Contractor and further to ensure good progress during the execution of the work, the Contractor shall in all cases, complete the work as per schedule.

If the work (s) be delayed by

- i. force majeure events, or
- ii. abnormally bad weather, or
- iii. serious loss of damage by fire, or
- iv. civil commotion, local commotion of workmen, strike (excluding by party's employees) or lock out (excluding by party's employees), affecting any of trades employed on the work, or
- v. delay on the part of other contractors or Tradesmen engaged by Employer in executing work not forming part of the contract, or
- vi. any other cause which, in the absolute discretion of the authority mentioned in bidding data is beyond the Contractor's control and not brought about at the instance of the Contractor claiming to be affected by such event. Then upon the happening of any such event causing delay, the contractor shall immediately give notice thereof in writing to the Employer but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Employer to proceed with the works.

Request for rescheduling of the work and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay on the prescribed form. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

In any such case the authority mentioned in Bidding Data may give a fair and reasonable extension of time. Such extension shall be communicated to the contractor by the Employer in writing, within two months of the date of receipt of such request. Non- application by the Contractor for extension of time shall not be a bar for giving a

fair and reasonable extension by the Employer and this shall be binding on the Contractor.

8.1 Compensation for Delay:

If the contractor fails to maintain the required progress or to complete the work and clear the site on or before the contract or justified extended date of completion (excluding any extension) as well as any extension granted, he shall, without prejudice to any other right or remedy available under the law to the Institute on account of such breach, pay as compensation the amount calculated at the rates stipulated below as the authority may decide on the amount of accepted Tendered Value of the work for every completed day/month (as determined) that the progress remains below that specified or that the work remains incomplete. Compensation for delay of work

(i) With maximum rate 1% (one percent) maximum per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is more than one year

(ii) With maximum rate 1% (one percent) to 2% (two percent) (maximum) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is more than six months and up to one year

(iii) With maximum rate 2% (two percent) to 5% (five percent) (maximum) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. if scheduled completion of work is up to six months

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered Value of work. In case no compensation has been decided by the authority in Schedule 'F' during the progress of work, this shall be no waiver of right to levy compensation by the said authority if the work remains incomplete on final justified extended date of completion. If the Engineer in Charge decides to give further extension of time allowing performance of work beyond the justified extended date, the contractor shall be liable to pay compensation for such extended period. If any variation in amount of contract takes place during such extended period beyond justified extended date and the contractor becomes entitled to additional time under relevant clause, the net period for such variation shall be accounted for while deciding the period for levy of compensation. However, during such further extended period beyond the justified extended period, if any delay occurs by events under relevant clause, the contractor shall be liable to pay compensation for such delay.

This is without prejudice to right of action by the Engineer in Charge under for delay in performance and claim of compensation as specified.

In case action under relevant clause has not been finalized and the work has been determined under relevant clause, the right of action under this clause shall remain post determination of contract but levy of compensation shall be for days the progress is behind the schedule on date of determination, as assessed by the authority, after due consideration of justified extension. The compensation for delay, if not decided before the determination of contract, shall be decided after of determination of contract.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Institute. In case, the contractor does not achieve a particular milestone, or the re-scheduled milestone(s), the amount shown

against that milestone shall be withheld, to be adjusted against the compensation levied as above. With-holding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

8.2 When contract can be determinative:

Subject to other provisions contained in this clause, the Engineer-in-Charge may, without prejudice to any other rights or remedy against the contractor in respect of any delay, not following safety norms 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 determine the contract in any of the following cases:

(i) If the contractor having been given by the Engineer-in-Charge 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 un-workman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.

(ii) If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence and continues to do so after a notice in writing of seven days from the Engineer-in-Charge.

(iii) If the contractor fails to complete the work or section of work with individual date of completion on or before the stipulated or justified extended date, on or before such date of completion; and the Engineer in Charge without any prejudice to any other right or remedy under any other provision in the contract has given further reasonable time in a notice given in writing in that behalf as either mutually agreed or in absence of such mutual agreement by his own assessment making such time essence of contract and in the opinion of Engineer-in-Charge the contractor will be unable to complete the same or does not complete the same within the period specified.

(iv) If the contractor persistently neglects to carry out his obligations under the contract and/ or commits default in complying with any of the terms and 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-in-Charge.

(v) If the contractor shall offer or give or agree to give to any person in Institute service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for Government.

(vi) If the contractor shall enter into a contract with Institute 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 Engineer-in-Charge.

(vii) If the contractor had secured the contract with Institute as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits breach of Integrity Agreement.

(viii) If the contractor being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.

(ix) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

(x) If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.

(xi) If the contractor assigns (excluding part(s) of work assigned to other agency(s) by the contractor as per terms of contract), transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Engineer-in-Charge. When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the President of India shall have powers:

(a) To determine the contract as aforesaid so far as performance of work by the Contractor is concerned (of which determination notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination, Security Deposit already recovered, Security Deposit, payable, Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Institute

(b) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work. In the event of above courses being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

(xii) If the work is not started by the Contractor within 1/8th of the stipulated time.
Special Clause:

In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work or one month whichever is higher, either party may close the contract by giving notice to the other party stating the reasons. In such eventuality, the Performance Guarantee of the contractor shall be refunded within 15 days Neither party shall claim any compensation for such eventuality. This clause is not applicable for any breach of the contract by either party.

8.3 Foreclosure of Contract due to abandonment or reduction in scope of work:

If at any time after acceptance of the bid, the employer / government shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the employer shall give notice in writing to the Contractor and the Contractor shall act accordingly in the matter. The contractor shall have not claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derive from the execution of the works in full but which he did not derive in consequences of the foreclosure of the whole or part of the works.

The Contractor shall be paid at contract rates full amount for works executed at site and, in addition, areas on able amount as certified by the Engineer for

the items hereunder mentioned which would not be utilizes on the work to the full extent in view of the foreclosure:

- i) Any expenditure incurred on preliminary site work, e.g., temporary access roads, temporary labour huts, staff quarters and sites office; storage accommodation and water storages tanks.
- ii) Institute shall have the option to take over Contractor's materials or any part thereof either brought to site or of which the Contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the work) provided, however, government/institute shall be bound to take over the materials or such portions thereof as the contractor does not desire to retain. For materials taken over or to be taken over by the government/Institute, cost of such materials as detailed by Engineer, shall be paid. The cost shall, however, take into account purchase price, cost of transportation and deterioration or damage which day have been caused to materials whilst in the custody of the Contractor.
- iii) Reasonable compensation for transfer of T& P from site to Contractor's permanent stores or to his works, whichever is less. If T & P are not transported to either of the said places, no cost of transportation shall be payable.
- iv) Reasonable compensation for repatriation of Contractor, site staff and imported labour to the extent necessary.

The Contractor shall, if required by the Engineer furnish to him books of accounts, Wage books, time sheet and other relevant documents and evidence as may be necessary to enable him to certify the reasonable amount payable under this condition.

The reasonable amounts of items on (i) (iii) & (iv) above shall not be in excess of 2% of the cost of the work remaining incomplete on the date of closures i.e., total stipulated cost of the work as per accepted bid less the cost of work actually executed under the contract and less the cost of contractor's materials at site taken over by the government/institute as per item (ii) above. Provided always that against any payments due to the contractor on this account or otherwise, the employer shall be entitled to recover or be credited with any

outstanding balances due from contractor for advance paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the government/Institute from the contractor under the terms of contract.

8.4 Cancellation of Contract in full or part:

If Contractor:

- i) at any time makes default in proceedings with the works or any part of the work with the due diligence and continues to do so after a notice in writing of seven days from the employer: or
- ii) commits default to complying with any of the terms and condition of the contract and does not remedy it or take effectives steps to remedy it within seven days after a notice in writing is given to him in that behalf by the Employer: or
- iii) fails to complete the works or items of work with individual dates of completion, on or before the date (s) of completion, and does not complete them within the periods specified in a notice given in writing in that behalf by the employer: or
- iv) shall offer or give or agree to give to any person in Institute service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or for bearing to do or for having done or forborne to do any act in relation to the obtaining or execution of these or any other contract for government/Institute: or
- v) shall enter into a contract with Institute 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 / employer: or
- vi) shall obtain a contract with institute as a result of wrong tendering or other non-bonafide methods of competitive tendering: or
- vii) 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 voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration for his Estate or if a Trust Deed be executed by him for benefit of his Creditors : or
- viii) being a company, shall pass a resolution or the Court shall make an order for the winding up of the company, or a receiver or manager on behalf of the debenture holders or otherwise shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager: or
- ix) shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days: or
- x) assigns, transfers, sublets (engagement of labour on piece work basis or of labour with materials not be incorporated in the work shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Accepting Authority:

The Accepting Authority may, without prejudices to any other right or remedy which shall be accrued or shall accrue hereafter to government/Institute by a notice in writing to cancel the contract as a whole or only such items of work in default from the contract.

The Employer shall on such cancellation by the Accepting Authority have powers to:

- a) take possession of the site and any materials, constructional plant, implements, stores, etc., thereon: and /or
- b) carry out the incomplete work by any means at the risk and cost of the contractor.

On cancellation of the contract in full or in part, the Employer shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by Institute. In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor.

Any excess expenditure incurred or to be incurred by Institute in completing the works or part of the works or the excess loss or damages suffered or may be suffered by Institute as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Institute 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 upon 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 Employer shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary buildings, etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the contractor under the contract and if thereafter there be any balance outstanding from the contractor, it shall be recovered in accordance with the provisions of the contract.

Any sums in excess of the amount due to Institute and unsold materials, constructional plant etc. shall be returned to the contractor, provided always that if cost or anticipated cost of completion by Institute of the works or part of the works is less than the amount which the contractor would have been paid had he completed the works or part of the works, such benefit shall not accrue to the contractor.

8.5 Termination of Contract after Death of Contractor:

Without prejudice to any of the rights or remedies under this contract if the Contractor dies, the Registrar on behalf of the Director of Institute shall have the option of terminating the contractor without compensation to the Contractor.

9.0 Dispute Resolution Mechanism:

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in-before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, 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 the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

9.1 Dispute Resolution Board:

If any dispute arises between the Employer and the Contractor in connection with, or arising out of, the Contractor or the execution of the Works, whether during the execution of the Works or after their completion and whether before or after the repudiation or other termination of the Contractor including any disagreement by either party with any action, inaction, opinion, instruction, determination, certificate or valuation of the Engineer, the

matter in dispute shall, in the first place, be referred to the dispute resolution board herein after called “the board.”

The board shall comprise of members as defined in the bidding data. The board at its discretion may co-opt any other officer if in its opinion it may help in resolving the dispute. Either party may refer a dispute to the Board. The board shall give a decision in writing within 30 days of reference of dispute. Either party may refer a written decision of the Board. If neither party refers the disputes to Arbitration with 30 days, the Board’s decision will be final and binding.

Employer at its discretion may change any of the member of the Board.

9.2 Arbitration:

Any dispute in respect of which the recommendation, if any, of the dispute resolution board has not become final and binding shall be finally settled in accordance with the provisions of the Arbitration and Conciliation Act. 1996 or any statutory modifications or re-enactment thereof and the rules made there under and for the time being force. The arbitrator shall have full power to open up, review and revise any decision, and any recommendation of the conciliator related to the dispute.

A sole Arbitrator shall be appointed by the appointing authority as defined in contract data within 30 days of receipt of request from either party. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his offices due to any reason whatsoever, another arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with same reference from the stage at which it was left by his predecessor.

It is a term of this contract that the arbitrator shall adjudicate only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and in all cases the arbitrator, these shall be paid equally by both the parties.

It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter-statement of claims. The venue of the arbitration shall be such place in India as may be fixed by the arbitrator in his sole discretion.

Neither party shall be limited in the proceedings before such arbitrator to the evidences nor did arguments put before the conciliator for the purpose of obtaining its recommendation / decision. No recommendation shall disqualify conciliator or Employer from being called as a witness and giving evidence before the arbitrator on any matter whatsoever relevant to the dispute.

10. Miscellaneous provisions:

- i) “Nothing contained in this Contractor shall be construed as establishing or creating between the Parties, a relationship of master and servant or principal and agent.
- ii) Any failure or delay on the part of any party to exercise right or power under this contract shall not operate as waiver thereof.
- iii) The Contractor shall notify the Employer of India of any material changes in their status, in particular, where such change would impact on performance of obligations under this contract.
- iv) Each member / constituent of the Contractor, in case of a consortium, shall be jointly and severally liable to and responsible for all obligations towards the Employer for performance of works / services including that of its Associates / Sub-Contractors

under the contract.

- v) The Contractor shall at all times indemnify and keep indemnified the Employer against all claims / damages etc. for any infringement of any Intellectual Property Right (IPR) while providing its services under the project.
- vi) The Contractor / Consultant shall at all times indemnify and keep indemnified the Employer against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its (the Contractor's / Consultant's) employees or agents or by any other third Party resulting from or by any action, omission or operation conducted by or on behalf of the Contractor / Consultant.
- vii) The Contractor / Consultant shall at all times indemnify and keep indemnified the Employer against any and all claims by Employees, Workman, Contractors, sub-contractors, suppliers, agent(s) employed engaged or otherwise working for the contractor, in respect of wages, salaried, remuneration, compensation or the like.
- viii) All claims regarding indemnity shall survive the termination or expiry for the Contract.
- ix) It is acknowledged and agreed by all Parties that there is no representation of any type, implied or otherwise, of any absorption, regularization, continued engagement or concession or preference for employment of persons engaged by the (Contractor / Consultant) for any engagement, service or employment in any capacity in any office or establishment of the Government of India of the Employer.

11. Laws Governing the Contract:

This contract shall be governed by the Laws of India for the time being in force.

▲ SAFETYCODE:

1. Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable footholds and hand-hold shall be provided on the ladder and the ladder shall be given inclination not steeper than $\frac{1}{4}$ to 1 (1/4 horizontal and 1vertical.)
2. Scaffolding of staging more than 3.6 m (12 ft.) above the ground or floor, swung or suspended from an overhead supports or erected with stationary support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3 ft.) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outsides and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
3. Working platforms, gangways and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6 m (12 ft.) aboveground level or floor level, they should be closely boarded, should have adequate width and should be suitable fastened as described in (2) above.
4. Every opening in the floor of building or in a working platform shall be provided with suitable means to prevent the fall of person or materials by providing suitable fencing or railing whose minimum height shall be 90 cm. (3 ft.).
5. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30ft.) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. (11 $\frac{1}{2}$ th) for ladder up to and including 3 m. (10ft.) in length. For

longer ladders, this width should be increased at least 1/4th for each additional 30 cm. (1 foot) of length. Uniform step spacing of not more than 30 cm. shall be kept. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites or work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defense of every suit, action or other proceedings 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 or proceedings to any such person or which may, with the consent of the contractor, be paid to compensate any claim by any such person.

6. Excavation and Trenching – All trenches 1.2 m. (4ft.) or more in depth, shall at all times be supplied with at least one ladder for each 30 m. (100 ft.) in length or fraction thereof Ladder shall extend from bottom of the trench to at least 90 cm. (3 ft.) above the surface of the ground. The side of the trenches which are 1.5 m. (5 ft.) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 m. (5 ft.) of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
7. Demolition – Before any demolition work is commenced and also during the progress of the work,
 - i) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
 - ii) No electric cable or apparatus which is liable to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.
 - iii) 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.
8. All necessary personal safety equipment as considered adequate by the Employer should be kept available for 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: - The following safety equipment shall invariably be provided.
 - i) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
 - ii) Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes, shall be provided with protective goggles.
 - iii) Those engaged in welding works shall be provided with welder's protective eye-shields.
 - iv) Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
 - v) When workers are employed in sewers and manholes, which are in active use, the contractors shall ensure that the manhole covers 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 measure are adhered to: -
 - a) Entry for workers into the line shall not be allowed except under

- supervision of the EA or any other higher officer.
- b) At least 5 to 6 manholes upstream 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 color in the presence of such gases and gives indication of their presence.
 - d) Presence of Oxygen should be verified by lowering a detector 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 men 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 are 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 Employer may decide the time up to which a worker may be allowed to work continuously inside the manhole.
 - j) Gas masks with Oxygen Cylinder 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 2metres away from the opening and on the leeward side protected from wind so that they will not be a 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 manhole.
 - m) The workers shall be provided with Gumboots 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 limbs before working inside the sewer lines.
 - n) Workmen descending a manhole shall try each ladder stop 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 of 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 Employer regarding the steps to be taken in this regard in an individual case will be final.
- vi) 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 men above the age of 18 are employed on the work of lead painting, the following precaution should be taken: -
- a) No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
- b) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint is dry rubbed and scraped.
- c) Overalls shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during and on the cessation of work.
9. The Contractor 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: -
- (i) White lead, sulphate of lead or product containing these pigments, shall not be used in painting operation except in the form of pastes or paint ready for use.
- (ii) Measures shall be taken, wherever required in order to prevent danger arising from the application of a paint in the form of spray.
- (iii) Measures shall be taken, wherever practicable, to prevent danger arising out of from dust caused by dry rubbing down and scraping.
- (iv) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
- (v) Overall shall be worn by working painters during the whole of working period.
- (vi) Suitable arrangement shall be made to prevent clothing put off during working hours being spoiled by painting materials.
- (vii) Cases of lead poisoning and suspected lead poisoning shall be notified and shall be subsequently verified by medical man appointed by the Employer.
- (viii) The Employer may require, when necessary medical examination of workers.
- (ix) Instructions with regard to special hygienic precautions to be taken in the painting trade shall be distributed to working painters.
10. 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 provision, should be made for prompt first aid treatment of all injuries likely to be obtained during the course of the work.
11. Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions: -
- i) (a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defects and shall be kept repaired and in good working order.

- (b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.
- ii) 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 which or give signals to operator.
- iii) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load each safe working load and the condition 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.
- iv) In case of departmental machines, the safe working load shall be notified by the Electrical Employer. As regards contractor's machines the contractors shall notify the safe working load of the machine to the Employer whenever he brings any machinery to site of work and get it verified by the Electrical Engineer concerned.
12. Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will 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 are employed on electrical installations which are already energized, insulting mats, wear any rings, watches and carry keys or other materials which are good conductors of electricity.
13. 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 or near places of work.
14. These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.
15. 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 or Employer of the department or their representatives
1. Notwithstanding the above clauses from (1) to (15) 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.

B MODEL RULES FOR THE PROTECTION OF HEALTH AND SANITARY ARRANGEMENTS FOR WORKERS

2. APPLICATION

These rules are indicative only. The contractor shall abide by such rules and in addition to that he/she may take all other measures as deem fit.

These rules shall apply to all buildings and construction / maintenance works 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.

3. DEFINITION

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

4. FIRST-AID FACILITIES

- i) At every work places 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.
- ii) The first-aid box shall be distinctly marked with a red cross on white background and shall contain the following equipment: -
 - a) For work places in which the number of contracts labour employed does not exceed 50-Each first-aid box shall contain the following equipment: -
 1. 6 small sterilized dressings.
 2. 3 medium size sterilized dressings.
 3. 3 large size sterilized dressings.
 4. 3 large sterilized burn dressings.
 5. 1 (30 ml.) bottle containing a two per cent alcoholic solution of iodine.
 6. 1 (30ml.) bottle containing Sal volatile having the dose and mode of administration indicated on the label.
 7. 1 snakebite lancet.
 8. 1 (30gms.) bottle of potassium permanganate crystals.
 9. 1 pair scissors.
 10. 1 copy of the first-aid leaflet issued by the Director General, Factory Advice Service and Labour Institutes, Government of India.
 11. 1 bottle containing 100 tablets (each of 5gms.) of aspirin.
 12. Ointment for burns.
 13. A bottle of suitable surgical antiseptic solution.
 - b) For work places in which the number of contracts labour exceed 50. Each first-aid box shall contain the following equipment.
 1. 12 small sterilized dressings.
 2. 6 medium size sterilized dressings.
 3. 6 large size sterilized dressing.
 4. (15gms.) packets sterilized cotton wool.
 5. 1 (60ml.) bottle containing a two per cent alcoholic solution iodine.
 6. 1 (60ml.) bottle containing Sal volatile having the dose and mode of administration indicated on the label.
 7. 1 roll of adhesives plaster.
 8. 1 snake bite lancet.
 9. 1 (30gms.) bottle of potassium permanganate crystals.
 10. 1 pair scissors.
 11. 1 copy of the first aid leaflet issued by the Director General Factory Advice Service and Labour Institutes / Government of India.
 12. A bottle containing 100 tablets (each of 5gms.) of aspirin.
 13. Ointment for burns.
 14. A bottle of suitable surgical antiseptic solution.
- iii) Adequate arrangements shall be made for immediate recoument of the equipment when necessary.
- iv) Nothing except the prescribed contents shall be kept in the First-aid box.

- v) The first-aid box shall be kept in charge of a responsible person who shall always be readily available during the working hours of the work place.
- vi) A person in charge of the first-aid box shall be a person trained in First-aid treatment, in the work places where the number of contracts labour employed is 150 or more.
- vii) In work places where the number of contracts labour employed is 500 or more and hospital facilities are not available within easy distance from 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 hour when the workers are at work.
- viii) 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 person suddenly taken ill to the nearest hospital.

4. DRINKING WATER

- i) In every work place, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of palatable drinking water fit for drinking.
- ii) 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.
- iii) Every water supply or 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 an 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 waterproof.
- iv) a reliable pump shall be fitted to each covered well, the trap door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

5. WASHING FACILITIES (OPTIONAL FOR MAINTENANCE WORK, UNDER DISCRETION OF INSTITUTE)

- 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 (OPTIONAL FOR MAINTENANCE WORK, UNDER DISCRETION OF INSTITUTE)

- i) Latrines shall be provided in every work places on the following scale namely:
 - a) Where females are employed there shall be at least one latrine for every 25females.
 - b) Where males are employed, there shall be at least one latrine for every 25males.
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 up to the first 100, and one for every 50 thereafter.
- ii) Every latrine shall be under cover and so partitioned off 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 nonabsorbent materials and shall be cement washed inside and outside at least once a year. Latrines shall not be of a standard lower than borehole system.
 - iv) a) 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 cases may be.
 - b) The notice shall also bear the figure of a man or of a woman, as the case maybe.
 - v) The shall be at least one urinal for male workers up to 50 and one for female workers up to fifty employed at a time, provide 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 or part 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 sewage system shall comply with the requirements of the Public Health Authorities.
 - vii) Water shall be provided by means of 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 manures).
 - ix) The contractor shall at his own expense, carry out all instructions issued to him by the Employer to effect proper disposal of night 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 on his behalf.

7. PROVISION OF SHELTER DURING REST (OPTIONAL FOR MAINTENANCE WORK, UNDER DISCRETION OF INSTITUTE)

At every place there 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 3metres (10 ft.) 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 0.6sq.m.(6sft) per head.

8. CRECHES (OPTIONAL FOR MAINTENANCE WORK UNDER DISCRETION OF INSTITUTE)

- i) At every work place, at which 20 or more women worker are ordinarily employed, there shall be provided two rooms of reasonable dimensions for the use of their children under the age of six years. One room shall be used as a play room for the children and the other as their bedroom.

- ii) The rooms shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the places clean.
- iii) The contractor shall supply adequate number of toys and games in the play room and sufficient number of cots and beddings in the bedroom.
- iv) The contractor shall provide one ayah to look after the children in the crèche when the number of women workers does not exceed 50 and two when the number of women workers exceed 50.
- v) The use of the rooms earmarked as crèches shall be restricted to children, their attendants and mothers of the children.

9. CANTEENS (OPTIONAL FOR MAINTENANCE WORK, UNDER DISCRETION OF INSTITUTE)

- i) In every work place where the work regarding the employment of contract labour is likely to continue for six months and where in contract labour numbering one hundred or more are ordinarily employed, an adequate canteen shall be provided by the contractor for the use of such contract labour.
- ii) The canteen shall be maintained by the contractor in an efficient manner.
- iii) The canteen shall consist of at least a dining hall, kitchen, storeroom, pantry and washing places separately for workers and utensils.
- iv) The canteen shall be sufficiently lighted at all times when any person has access to it.
- v) The floor shall be made of smooth and impervious materials and inside walls shall be lime washed or color washed at least once in each year. Provided that the inside walls of the kitchen shall be lime-washed every four months.
- vi) The premises of the canteen shall be maintained in a clean and sanitary condition.
- vii) Waste water shall be carried away in suitable covered drains and shall not be allowed to accumulate so as to cause a nuisance.
- viii) Suitable arrangements shall be made for the collection and disposal of garbage.
- ix) The dining hall shall accommodate at a time 30 percent of the contract labour working at a time.
- x) The floor area of the dining hall, excluding the area occupied by the service counter and any furniture except tables and chairs shall not be less than one square meter (10sft) per diner to be accommodated as prescribed in sub-Rule 9.
- xi) a) A portion of the dining hall and service counter shall be partitioned off and reserved for women workers in proportion to their number.
b) Washing places for women shall be separate and screened to secure privacy.
- xii) Sufficient tables stools, chair or benches shall be available for the number of diners to be accommodated as prescribed in sub-Rule 9.
- xiii) a) 1. There shall be provided and maintained sufficient utensils crockery, furniture and any other equipment necessary for the efficient running of the canteen.
2. The furniture utensils and other equipment shall be maintained in a clean and hygienic condition.

- b)
 1. Suitable clean clothes for the employees serving in the canteen shall be provided and maintained.
 2. A service counter, if provided shall have top of smooth and impervious material.
 3. Suitable facilities including an adequate supply of hot water shall be provided for the cleaning of utensils and equipments.
- xiv) The food stuffs and other items to be served in the canteen shall be in conformity with the normal habits of the contract labour.
- xv) The charges for food stuffs, beverages and any other items served in the canteen shall be based on 'No profit, no loss' and shall be conspicuously displayed in the canteen.
- xvi) In arriving at the price of foodstuffs, and other article served in the canteen, the following items shall not be taken into consideration as expenditure namely: -
 - a) The rent of land building.
 - b) The depreciation and maintenance charges for the building and equipments provided for the canteen.
 - c) The cost of purchase, repairs and replacement of equipments including furniture, crockery, cutlery and utensils.
 - d) The water charges and other charges incurred for lighting and ventilation.
 - e) The interest and amounts spent on the provision and maintenance of equipment provided for the canteen.
- xvii) The accounts pertaining to the canteen shall be audited once every 12 months by registered accountants and auditors.

10. ANTI-MALARIAL/ANTI COVID-19 PRECAUTIONS

The contractor shall at his own expense, conform to all anti-malarial/anti Covid-19 instructions given to him by the Employer including the filling up of any borrow pits which may have been dug by him. The above rules shall be incorporated in the contract and in notice inviting tenders and shall form an integral part of the contracts.

11. AMENDMENTS

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

C CONTRACTOR'S LABOUR REGULATIONS

1. SHORT TITLE

These regulations may be called Contractors Labour Regulations.

2. DEFINITIONS

- i) **Workman** means any person employed by contractor directly or indirectly through a subcontractor to do any skilled, semiskilled or unskilled manual, supervisory, technical or clerical work for hire or reward, whether the terms of employment are expressed or implied but does not include any person: -
 - a) Who is employed mainly in a managerial or administrative capacity: or
 - b) Who, being employed in a supervisory capacity draws wages exceeding five hundred rupees per mensem or exercises either by the nature of the duties attached to the office or by reason of powers vested in him, functions mainly of managerial nature: or
 - c) Who is an out worker, that is to say, person to whom any article or materials are given out by or on behalf of the principal employers to be made up

cleaned, washed, altered, ornamental finished, repaired adopted or otherwise processed for sale for the purpose of the trade or business of the principal employers and the process is to be carried out either in the home of the out worker or in some other premises under the control and management of the principal employer.

No person below the age of 14 years shall be employed to act as a workman.

- ii) **Fair Wages** means wages whether for time or piece work fixed and notified under the provisions of the Minimum Wages Act. from time to time.
- iii) **Contractors** shall include every person who undertakes to produce a given result other than a mere supply of goods or articles of manufacture through contract labour for any work and includes a subcontractor.
- iv) **Wages** shall have the same meaning as defined in the Payment of Wages Act.

3. Few more information:

- i) Normally working hours of an adult employee should not exceed 9hours 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 any day.
 - ii) 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 over time for the extra hours put in by him at double the ordinary rate of wages.
- iii)
 - a) 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 government by the Minimum Wages Act or not.
 - b) Where the minimum wages prescribed by the Government 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 preceding day, provided he has worked under the same contractor for a continuous period of not less than 6days.
 - c) Where a contractor is permitted by the Employer 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 clear and legible condition in conspicuous places on the work, notices in English and in the local Indian languages spoken by the majority of the workers giving the minimum rates of wages fixed under Minimum Wages Act, the actual wages being paid, the hours of work for which such wage are earned, wages periods, dates of payments of wages and other relevant information.

5. PAYMENT OF WAGES

- i) The contractor shall fix wage periods 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 payment of wages shall be made by crediting the wages in the bank account of the worker
- vi) Wages shall be paid without any deductions of any kind except those specified by the Central Government by general or special order in this behalf or permissible under the Payment of Wages Act, 1956.
- vii) 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 Employer under acknowledgment.

6. FINES AND DEDUCTIONS WHICH MAY BE MADE FROM WAGES

- (i) The wages of a worker shall be paid to him without any deduction 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 to 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 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 overpayment of wages, advances granted shall be entered in a register.
 - (e) Any other deduction which the Central Government may from time to time allow.
- (ii) No fines should be imposed on any worker save in respect of such acts and omissions on his part as have been approved of by the Chief Labour Commissioner.
- (iii) No fine shall be imposed on a worker and no deduction for damage or loss shall be made from his wages 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 one 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 instalment, 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 or omission in respect of which it was imposed.
- (vii) The work must be completed within stipulated time mentioned in the schedule, if not, deduction will be made from performance guarantee.

7. LABOUR RECORDS:

- (i) The contractor shall maintain a **Register** of persons employed on contract in Form XIII of the CL (R&A) Central Rules 1971.
- (ii) The contractor shall maintain a **Master Roll** register in respect of all workmen employed by him on the work under Contract in Form XVI of the CL (R&A)

Rules1971.

(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) Rules1971.

(iv) **Register of accident** – 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 and 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.

(v) The contractor shall maintain a **Register of Fines** in the Form XII of the CL (R&A) Rules1971.

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.

- vi) The contractor shall maintain a **Register of deductions for damage** or loss in Form XX of the CL (R&A) Rules1971.
- vii) The contractor shall maintain a **Register of Advances** in Form XXIII of the CL (R&A) Rules1971.
- viii) The contractor shall maintain a **Register of Overtime** in Form XXIII of the CL (R&A) Rules1971.

8. ATTENDANCE CARD-CUM-WAGESLIP

- i) The contractor shall issue an Attendance card-cum-wage slip to each workman employed by him.
- ii) The card shall be valid for each wage period.
- iii) The contractor shall mark the attendance of each workman on the card twice each day, once at the commencement of the day and again after the rest interval, before he actually starts work.
- iv) The card shall remain in possession of the worker during the wage period under reference.
- v) The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages in respect of the wage period under

reference.

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

9. EMPLOYMENTCARD

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.

10. SERVICE CERTIFICATE

On termination of employment for any 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.

11. PRESERVATION OF LABOUR RECORDS

All record 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 in them and shall be made available for inspection by the Employer or Labour Officer.

12. POWER OF LABOUR OFFICER TO MAKE INVESTIGATIONS OR ENQUIRY

The Labour Officer or any person authorized by Central Government on their behalf shall have power to make enquires with a view to ascertaining and enforcing due and proper observance of Fair Wage Clauses and the Provisions of these Regulations. He shall investigate into any complaint regarding the default made by the contractor or subcontractor in regard to such provision.

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 Employer 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 and appeal is made by the contractor under Clause 13 of these regulations, actual payment to labourers will be made by the Engineer after the Employer has given his decision on such appeal.

- i) The Engineer shall arrange payments to the labour concerned within 45 days from the receipt of the report form the Labour Officer or the Employer as the case maybe.

14. APPEAL AGAINST THE DECISION OF LABOUR OFFICER

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

15. PROHIBITION REGARDING REPRESENTATION THROUGH LAWYER

- i) A workman shall be entitled to be represented in any investigation or enquiry under these regulations by: -
- a) An officer of a registered trade union of which he is a member.
 - b) An officer of federation of trade unions to which the trade union 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 or by any other workman employed in 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 of associations of employers to which association referred to in clause (a) is affiliated.
 - c) Where the employers are not a member of any association of employers by an officer of association of employer connected with the industry in which the employer is engaged 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. INSPECTION OF BOOKS AND SLIPS

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

17. SUBMISSIONS OF RETURNS

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

18. AMENDMENTS

The Central Government may from time to time add to or amend the regulations and on any question as to the application / Interpretation or effect of those regulations the decision of the Employer shall be final.

(Note: Necessary Formats in which records are to be maintained and returns to be submitted shall be provided by the Employer.)

D PREAMBLE TO BILL OF QUANTITIES

1. The work comprised in the contract generally consists of all Civil, Structural and Sanitary Works etc. complete in all respects (as shown in the drawings [if applicable]and as indicated in the Bill of quantities for item rate contracts only)
2. The bidder shall carefully go through the clauses in the notice invitation to tender, Articles of Agreement, General Conditions of Contract, Technical specification, Bill of Quantities (for item rate contracts only) etc. and shall include in his rates any sum that may be considered necessary to cover the various contained therein.
3. The quotation submitted by the bidder should be based on the probable quantities of the several items of work which are furnished for the bidder's convenience in the Bill of Quantities. It must be clearly understood that the Contract is not a lump sum contract and the employer does not in any way assure the bidder or guarantee that the probable quantities are correct or that the work should correspond thereto (For item rate contracts only)
4. The item of work and the unit prices stated in the bill of quantities shall be inclusive of everything necessary to complete the said item of work within the contemplation of the contract and beyond the unit price no extra payment will be allowed for any incidental or contingent work, labour, materials, tools & plant, etc. (For item rate contracts only)
5. No change in unit rate will be admissible for any variation in quantities (For item rate contracts only)
6. Bidder shall note that: -
 - a) All materials and labour required shall have to be provided by the contractor and the cost for which will be deemed to have catered for in the rates quoted.

- b) Water for construction purpose and drinking shall have to be arranged by him. If water is available and provided by the Institute the recovery rate will be as specified earlier.
- c) If electricity is available and provided by the Institute, the recovery rate will be as per actual meter readings recorded and at the unit rate fixed by the Institute from time to time. The rated electric meter of approved make shall have to be supplied by the contractor along with test certificate.
- d) The rate quoted by him in bill of quantities shall also include all cost especially those mentioned below:
 - (i) Transport of constructional plant, personnel, etc., to the site at the start of work and their withdrawal on completion of work.
 - (ii) Storage of material at site hoisting and lowering to all levels and depths.
 - (iii) Supplying, transporting to site, unloading, protecting and installation of materials in accordance with the specification.
 - (iv) Accommodation of the contractor's staff & labourers.
 - (v) Insurance of materials at site as stipulated in the Conditions.
 - (vi) Protection of all materials & equipment.
 - (vii) All contingency expenses that will have to be made to ensure that work do not get stopped due to extraneous reasons.
 - (viii) Preparation of drawings schedules/reports, fabrication drawings and reports that may be sought for by the Employer
 - (ix) Rates of different items will be applicable for work at all heights and depths.
 - (x) No separate payment will be made for scaffolding, staging etc. for any item of work and shall be deemed to have been catered for by Contractor.
 - (xi) All cost towards repairs, rectification and maintenance till handing over shall be included in the rates.

E SPECIAL NOTES:

7.0 Reinforcement Steel Exhibiting Superior, Corrosion Resistant Properties (Mentioned in Drawings, Specifications etc.) The terminology Corrosion Resistant Properties wherever appearing in the drawings and specification imply reinforcement steel possessing corrosion resistant characteristics better than normal Cold Twisted Bars and should have been manufactured using thermo-mechanical treatment techniques. For larger diameter, Contractor has to take steps as far as practicable to ensure that the reinforcement steel before concreting, is free of rust and other deleterious materials.

8.0 For a particular item of work, wherever the BOQ (for item rate contracts) is in variance with or contradictory to whatever is stated in the Technical specifications will generally be given precedence. However, the Tenderer is to bring to the notice of Employer such instances, before he submits his offer to enable the Employer to supply to the Tenderer necessary clarifications.

9.0 Rates shall be quoted in both figures and in words in clear and legible writing. No overwriting is allowed. All scoring and cancellation should be countersigned by the Contractor.

10.0 The value of the contract may vary to the extent of -20% to +10% and bidder's quoted price against various individual items of work shall remain firm as long as the total price of contract is within the said limit. Quantity of items may vary as per the need of maintenance work and the discretion of Engineer –in- Charge. The Contractor is liable to execute such work till the bill amount is within the contract Value (+10%).

11.0 Alternative items mentioned in the BOQ (for item rate contracts) as 'Rate Only', may replace original items during tender evaluation. Tenderer should quote his rates accordingly for all 'Rate Only' Items. The decision of the Employer in this regard is final.

12.0 Rates quoted for any work shall generally be applicable for work at any heights and or technical specifications. The Contractor has also to take into cognizance/ consideration all costs that will have to be incurred for constructing rigid platforms, scaffolding, hoisting/lowering mechanisms etc.

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

SPECIAL TERMS & CONDITIONS

1.The person / persons, whose tender(s) may be accepted shall permit the NIT at the time of making any payment to him for work done under the contract to deduct such sum as along with the sum already deposited as Earnest Money + Performance Guarantee will amount @ 10% of the ordered value as Security Deposit.

2.The defect liability period for the Work is 1 (one) year from the date of completion. For roof treatment it shall be 5 (Five) years from the date of completion of such treatment/its bill released date. The contractor shall give 5 (Five) years guarantee in the prescribed proforma for water proofing items specified in the schedule of quantities. In addition to this 10% of the executed cost of items shall be retained either in cash /fixed deposit or in the form of bank guarantee, which shall be released after the expiry of 5 (Five) years from the date of completion if no defects are found in water proofing or the defects are made good. This amount shall be adjusted against the expenses incurred on making good the defects if the contractor commits breach of guarantee.

3.By-monthly running bill may be submitted by the contractor along with the detailed progress report and describing the reasons for delay, if any also the revised activity schedule be submitted. Details of labour payment made, copy of labour license / registration number etc., materials consumption statement etc. are also to be submitted along with Earth R.A. bills. All Taxes & duties as stipulated by Govt. of India will be recovered from the bills.

4.Secured advance on non-perishable materials or any other advance may not be paid to the contractor if the Engineer – in – charge desires so.

5.If the contractor fails to maintain the required progress to complete the work and clear the site on or before the contract or the extended time of completion, he shall without any other right or remedy available on of such breach, pay as agreed compensation at the rates stipulated below or such smaller amount as the engineer – in – charge may decide on the amount of tendered value of the work for every completed day / week as applicable that the progress remains below that specified time or that the work remains incomplete.

This will apply to items or group of items for which a separate period of completion has been specified.

The amount of compensation may be adjusted or set off against any sum payable to the contractor. However, the Engineer-in-charge exercises full powers to decide the quantum of compensation recoverable from the contractors.

6.0 Testing of materials to be made from the laboratory of C.E. Department of N.I.T, Durgapur, when the Engineer-in-Charge or any of his representative's desires so and the cost for the testing will be borne by the contractor. If testing is required for materials for which such facilities are not available at NIT Durgapur, the same is to be done from any Government Institute / laboratory at the contractor's cost.

7.0 Cube test results (tested at any national test house of repute) for all concrete works are to be furnished to N.I.T. by the contractor.

8.0 The contractor will also abide by all the rules and regulations regarding labour law and also be fully responsible for all actions by him.

9.0 In the case of any class of work for which there is no such specification in CPWD/PWD(WB)/PHE(WB) S.O.R. or Specifications, such work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-charge or as per any other standard codes of practice.

In any item description, the material(s) mentioned, may be changed or altered with equivalent material as desired by the Engineer-in-charge.

10.0 Cement is to be procured by the Contractor after the approval of the Engineer- in-charge. Testing is to be carried out at Civil Engineering Departmental Lab. at N.I.T, Durgapur. Testing charges to be borne by the Contractor.

11.0 The work shall be carried out as per National Code, CPWD, PWD (WB), PHE (WB) Specifications, as applicable.

12.0 It shall be imperative on each bidder to acquaint and be apprised of all local conditions and factors prevailing in the campus in general which may have any effect execution of work covered under the scope of the work as per bid document. In their own interest, the bidders are requested to familiarize themselves with the provisions of Income Tax Act, other related acts & laws governing the contract, with their up to date amendments and also adhere to court directives and other State & Central Government acts on labour etc. N.I.T, Durgapur, shall not entertain any request for clarification from the bidders in this regard.

13.0 Institute has the right to reject the Tender for not satisfying the technical bid and other reasons as deemed fit.

14.0 ONLY NEW SHUTTERING materials will be permitted to use for the first time.

15.0 NO Escalation in rates on any materials/items is permissible on any ground.

16.0 For the works to be executed in the Girls Hall of residence, utmost care must be taken by the contractor to avoid any untoward incidents.

17.0 Tender for maintenance work is based on the tentative items and quantities of work. All the items of work may or may not be executed and correspondingly the total fund amount is also liable to increase or decrease during the progress of work. (for item rate contracts)

18.0 The agency shall have a sufficient stock of all the regular as well as emergency materials, tools and tackles in their site store office for undertaking any urgent work at any odd hour. The stock and the quality of the materials may be inspected as and when deemed fit by the E.I.C.

19.0 The supervisors and electricians to be deployed by the agency for execution of the works should possess valid and appropriate license. (For electrical works only)

20.0 One Graduate/Diploma engineer for both civil and electrical works should be deployed regularly to coordinate with the Maintenance Department of the Institute in connection with the assigned works. He has to collect the complaints/reports and submit the day's program of work and with the details of the previous day's works on regular basis.

21.0 If any item is not there in the B.O.Q. the same may be incorporated from CPWD SOR. If the item is not there in the CPWD SOR the same can be incorporated from PWD (WB)/PHE (WB)S.O.R. (for item rate contracts)

22.0 It is a two bids contract 1) Technical Bid (TB) and 2) Price Bid (PB). The Technical Bid must be satisfied before opening the Price Bid of any eligible bidder.

EVALUATION SYSTEM:

Both the bids of eligible bidders (TB & PB) will be evaluated independently to select the successful bidder.

22 (a) VOID

22 (b). The TB and PB will have to be uploaded by the bidders in respective e-Wizard portal in specific tender link as 'TECHNICAL BID FOR SCHEDULE MAINTENANCE of NITDGP' and 'PRICE BID FOR SCHEDULE MAINTENANCE of NITDGP'.

22 (c). The Technical Bid (TB) shall contain the followings:

i) EARNEST MONEY = 2.0% OF THE ESTIMATED VALUE PUT TO TENDER, either in DD on any Nationalized Bank or Bank Guarantee on any Nationalized Bank. For small scale industries with certificate form NSIC/MSME, specifying relevant NIC codes for cleaning of tank works, in deposition of the Earnest Money is Exempted but there is **No** preference / exemption on Bid value and Security Deposit (Cl. 3.2). EMD and Performance Bank Guarantee will be retained till the finalization of successful bidder.

ii) The bidders shall have to fulfil the criteria of satisfactory execution of works as given below:

(a) Three (3) similar works, each of value not less than 30% of the estimated cost put to tender,

or

(b) Two (2) similar works, each of value not less than 50% of the estimated cost,

or

(c) One (1) similar work of value not less than 70% of the estimated cost.

All above amounts rounded off to a convenient full figure of nearest Rs. 10, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited, in any Govt./Semi Govt./Quasi Govt./Autonomous bodies.

***Note: Similar works means any sort of tank/ reservoir/ swimming pool cleaning only.**

If any bidder applies for both works i.e. Civil and Electrical, he/she should submit separate Credentials for similar nature of tank cleaning works for each of the work.

iii) Latest Bank Solvency @40% of the estimated cost, shall not older than one year from the TOD.

iv) All valid licenses namely Trade License, ESI, EPF, GST Registration details. Etc. whichever is applicable.

v) Latest IT returns, Voter I.D., Aadhar Card.

vi) The Cost of the Tender Fee is Rs. 1,000.00 (Rupees One Thousand Only) as mentioned in the Notice Inviting Tender is to be given as Demand Draft for the applied tender by every bidder.

22 (d) VOID

22 (e) VOID

22 (f) The Financial Bid (FB)

The Financial Bid will be opened if the Technical Bid is satisfied as stated in clause 22(c). The Lowest Bidder (L1) will be adjudged as the successful bidder.

22 (g) VOID

22 (h) VOID

22 (f) If more than one bidder become 'L1' then the work will be distributed to those successful bidders.

22 (g) **The BOO is the integral part of the tender document**

22 (h) The rates of item are to be put both in words and numerical. Any discrepancy if noted then the minimum of the two will be considered. The rates are being considered firm and no escalation will be considered during the tenure of the work.

22 (i) If the sum total during checking appears erroneous than the corrected value shall be considered for evaluation.

22 (j) All pages of the Tender Document (i.e. GENERAL TENDER DOCUMENT CONTAINING GENERAL CONDITIONS OF CONTRACT, LABOUR LAWS, SAFETY CODES, OTHER REQUISITES, and SPECIAL TERMS AND CONDITIONS as well as BOQ) are to be signed with date and stamp of the company.

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

The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or over-writing in the measurements would thereafter be allowed. If at all any error is noticed, the contractor shall have to submit a fresh computerized MB with its pages duly machine numbered and bound, after getting the earlier MB cancelled by the department. Thereafter, the MB shall be taken in the Divisional Office records, and allotted a number as per the Register of Computerized MBs. This should be done before the corresponding bill is submitted to the Division Office for payment. The contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the various officers of the department. The contractor shall also submit to the department separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the "bill. Thereafter, this bill will be processed by the Division Office and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements. The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements/levels by the Engineer in-Charge or his representative. Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are

not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards and if for any item no such standard is available then a mutually agreed method shall be followed. The contractor shall give not less than seven days' notice to the Engineer-in-Charge or his authorized representative in charge of the work before covering up or otherwise placing beyond the reach of checking and/or test checking the measurement of any work in order that the same may be checked and/or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of checking and/or test checking measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed. Engineer-in-Charge or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded by contractor and all provisions stipulated herein above shall be applicable to such checking of measurements or levels. It is also a term of this contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

The quantities mentioned in the B.O.Q. are as close as possible to the reality. However, as the maintenance work is unforeseen in nature its quantities may change as per requirement. Further due to the same reason some items may not be executed. Due to requirement of work extra items work may be required for execution, which will be directly paid as per PWD/CPWD/PHE rates with the amendments thereto issued up to the date of receipt of the bid.

a) Typographical errors, if any, regarding description of items will be corrected as per C.P.W.D./P.W.D./P.H.E. schedules even after the contract is finalized.

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A. The agency has to maintain a site office in the Institute campus with proper and adequate manning and mobile phone facilities round the clock every day during the tenure of the contract, so that they can be called upon to undertake any work at any time.

B. The agency shall have a sufficient stock of all the regular as well as emergency materials, tools and tackles in their site store office for undertaking any urgent work at any odd hour. The stock and the quality of the materials may be inspected as and when deemed fit by the E.I.C.

C. All the old materials collected from the respective work sites must be deposited to the specified site as their own cost on regular basis.

D. The respective sites where the works will be executed will be cleaned and made ready as per original condition. The garbage generated during working should not be dumped in the surrounding areas. Special care to be taken so as not to cause any blockage of water supply and sewer lines etc. Noncompliance will lead to imposition of stringent financial penalty.

E. After completion of work, all works are to be certified from the respective persons from whom complaints/requisitions have come and are to be submitted along with the bills failing which bills will not be processed for payment.

F. There are mainly three areas of work in the Institute campus namely (i) hostels, (ii) staff quarters, (iii) instructional buildings/administrative buildings/Guest house. The agency should deploy one sufficiently experienced engineer each for these three areas of work as authorized representatives to coordinate with

the Maintenance Department of the Institute in connection with the assigned works They have to submit the day's program of work and with the details of the previous days works on regular basis.

G. Bidders are advised to make clear any clarification on the tender documents what-so-ever before submitting the bids. After the works is awarded by the Institute to the successful Bidder(s) the decision of the Institute is final on any points of ambiguity over the works.

CHECK LIST

1. All valid licenses namely Trade License, ESI, EPF, GST Registration Certificate etc. whichever is applicable.
2. Latest Bank Solvency @40% of the estimated cost, shall not older than one year from the Tender Opening Date.
3. If any bidder applies for both works i.e. Civil and Electrical, he/she should submit separate Credentials for each work of same nature. Same nature of works mean all types of tanks/ reservoirs/ swimming pool cleaning works only.
4. For electrical works Valid Electrical License.
5. Latest IT returns, Voter I.D., Aadhar Card.
6. The non-refundable Cost of the Tender Document is Rs. 1,000/- (Rupees Five Only) as mentioned in the Notice Inviting Tender is to be given by e-payment mode for the applied tender by every bidder.
7. The bidder shall submit the following documents offline in Physical to Maintenance Section, NIT Durgapur on or before the date & time of submission of bids specified in NIT, in a sealed Envelope. The envelope shall bear (the tender name), the tender number and the words "DO NOT OPEN BEFORE" (due date & time). Original Demand Draft (DD)– drawn in favor of NIT Durgapur, payable at Durgapur, issued by any scheduled bank towards the payment of total Bid Security/EMD as per NIT through a single Demand Draft which to be deposited on or before of bid submission date. NSIC registered MSME bidders who want to claim the EMD exemption need to submit the attested copy of the latest and valid MSE certificate, specifying relevant NIC codes for cleaning of tank works in place of the DD of the EMD.
8. The bidder must sign in first and last page of tender documents and Proforma Agreement as a token of acceptance indicating read, understood and accepted the Terms & Conditions mentioned in tender document, general terms of the contract and Proforma Agreement. A company declaration with sign and company seal/stamp with date stating acceptance of all the terms and conditions provided in Notice Inviting Tender and General Conditions of Contract is mandatory.

SAMPLE AGREEMENT FORM

This agreement made the _____ day of _____ 20__ between the National Institute of Technology, Durgapur (Hereinafter called _____ the _____ employer) of one part and _____ (Name and address of contractor) in the state of _____ (District) (hereinafter called the contractor of the other part. Whereas the employer is desirous, that certain work should be performed viz. _____ (Name of work), and has accepted a tender by the contractor for the work and maintenance of such works. Now this agreement witnesses as follows:

- 1) In this agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to.
- 2) The following documents shall be deemed to form and be read, construed as part of this agreement, viz: -
 - a. The said tender
 - b. Invitation to tender
 - c. Instructions to tenderers
 - d. General conditions of contract
 - e. Special conditions of contract
 - f. Specifications
 - g. Tender schedule showing the approximate quantities, quoted rate and amount against each item.
 - h. Period of contract.
 - i. Work Order (No.: _____).

3) In consideration of the payments to be made by the Employer to the contract or hereby covenants with the Employer to construct, complete and maintain the works in conformity in all respects with the provisions of the contract.

4) Any cement plaster and mortar must be in 1:6 (cement core sand) ratio.

5) Specification must be matched with CPWD/PWD/PHED WB schedule.

6) The Employer hereby covenants to pay the contractor in consideration, of the construction, completion and maintenance of the works the contract price at the times and in the manner prescribe by the contract.

In witness of the parties hereto have caused their respective common seals to be hereunto affixed (or to have set their respective hands and seals) the day and the year first above written.

The common seal of REGISTRAR, NATIONAL INSTITUTE OF TECHNOLOGY, Durgapur-09 was hereunto affixed in the presence of:

Signed, sealed and delivered by the said CONTRACTOR in the presence of:

Date and Signature of
Worker/Contractor

Date and signature of
the Employer