

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED

(A Government of India Enterprise)

ISO 9001:2000

Regd. Office: 30-31, Raja House, Nehru Place, New Delhi – 110 019

Corp. Office: Plot No. 67-68, Sector-25, Faridabad – 121 004

**Zonal Office: 5, Kalayan Apartment, Ashok Vihar Colony, Pandri,
Raipur – 492 004(CG)**

www.npcc.gov.in

CONSTRUCTION OF OBC TRANSIT HOSTEL (BUILDING AND EXTERNAL DEVELOPMENT WORKS) AT IGNTU, AMARKANTAK, M.P.



VOLUME: I



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**CONSTRUCTION OF OBC TRANSIT HOSTEL
(BUILDING AND EXTERNAL DEVELOPMENT WORKS)
AT IGNTU, AMARKANTAK, M.P.**

VOLUME: I

- 1) Notice Inviting Tender
- 2) Corrigendum(s) / Addendum(s)
- 3) Pre-Qualification Documents
- 4) General Condition of Contract
- 5) Special Condition of Contract
- 6) Forms

VOLUME-1

NIT

NOTICE INVITING TENDER

NIT No.: 731003/IGNTU/1254

Date: 05.05.2015

National Projects Construction Corporation Limited (NPCC) invites sealed Item rate tenders under two bid systems (One envelope for technical bid and other for financial bid) from the experienced and financially as well as technically sound agencies for Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P. as detailed below:

S. No.	Description	Package
1.	Name of Building / Work	Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.
2.	Completion time	12 (Twelve) months including rainy season
3.	Approx. estimated cost	Rs. 856.02 Lacs (Rupees Eight Hundred and Fifty Six Lakhs and Two Thousand Only)
4.	Earnest money to be deposited in the form of DD/FDR/BG favour of NPCC Ltd. payable at Raipur. In case of BG it must be from Nationalized Bank only.	Rs. 17.10 Lacs (Rupees Seventeen Lacs and Ten Thousand Only)
5.	Cost of Tender documents in the form of Demand Draft in favour of NPCC Ltd. Payable at Raipur	Rs. 10,000/- (Rupees Ten Thousand only)
6.	Validity of Tender	120 days from date of submission of Tender
7.	Sale of Tender Documents on any working day	05.05.2015 to 26.05.2015
8.	Receipt of Tenders	27.05.2015 up to 03:00 PM
9.	Opening of Technical bid	27.05.2015 at 03:30 PM

PRE-QUALIFICATION CRITERIA:

The intending Bidder should fulfill the following minimum pre-qualifying criteria

- 1. Turnover:** Average Annual Financial Turnover on construction works during the last three years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost.
- 2. Experience:** Bidder should have the experience of completion of similar works during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following.

- (a) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost,
or
- (b) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost,
or
- (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.

3. Similar works mean: Civil work comprising multi-storied framed structure building including services like Electrification, Sanitary & Water Supply, Drainage, Road works, Fire fighting, & Site development etc. from Central / State Govt. Departments / PSUs and/or Autonomous bodies.

4. Profitability: The applicant should be a net profit making firm and should not have incurred any loss in the last 3 (three) financial years or any three out of last five years ending 31st March, 2014 duly certified by Chartered Accountant.

5. EPF Registration: Bidder must have valid EPF / PF registration.

6. Joint Venture: Joint Ventures are not permitted.

7. Bid Capacity: Agencies who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under: -

Assessed available bid capacity = $A \times N \times 2 - B$

N = Number of years rounded up to first decimal prescribed for completion of the subject contract.

A = Maximum value of works executed in anyone year during last five years (up dated to the price level of current financial year with percentage stated in the PQ document)

B = Value at current price level of existing commitments and ongoing works to be completed in the next 'N' years.

8. Credit Facility: Agency shall have Un-utilized credit facility amounting to 10% of estimated cost certified from Bank during the current financial year. Not older than 3 months.

9. NPCC reserve the right to reject any or all applications without assigning any reason thereof.

10. Request for Tender document: The application for issue of Tender Document is to be submitted along with the following documents without fail.

- 1) Cost of Tender document as per NIT.
- 2) Copy of EPF / PF Registration certificate
- 3) Completion certificate in support of experience of similar works as per para 2.0 and 3.0 of NIT.
- 4) Details of Turn over for last 5 years duly certified by Chartered Accountant along with Profit and loss Statement of each financial year.

The issuance of tender document on the basis of above documents does not mean the agency has been technically qualified. Hence agencies / bidders are advised to submit all the relevant documents / credentials required in tender for technical qualification along with their bid.

Tender documents for the above works can be obtained from the office of The Zonal Manager, 5 Kalyan Apartment, Ashok Vihar Colony, Pandri, Raipur – 492 004 on any working day between 11.00 A.M. to 4.00 P.M. The agencies fulfilling the requirements may submit the application along with the details / documents stated in para 10.0 of NIT to purchase the documents on payment as specified in above table at s.no. 5 (Nonrefundable) by DD in favour of NPCC Limited, payable at Raipur. Tender documents will not be sent by post or courier.

Tender documents can be seen at our official website www.npcc.gov.in which can also be downloaded and can be submitted. The agencies who wish to download the tender document from our website have require to deposit cost of tender document in form of DD / Bankers Cheques separately while submitting the tender. Agency who have downloaded and submitted the sealed tender without requisite cost of blank tender document shall be rejected out rightly. Downloading is permissible till the date of receipt of sealed tender.

Tender documents duly completed in all respect shall be received up to date & time as specified in above table at s. no. 8 at the same office and Technical bid shall be opened at date & time as specified in above table at s. no. 9 at same venue (place of sale/submission of tender). Documents received after the stipulated date & time are liable to be out rightly rejected.

Any corrigendum / addendum / errata in respect of the above tender shall be made available only at our official web site www.npcc.gov.in. No further press advertisement will be given. Hence prospective bidders are advised to visit NPCC web site regularly for above purpose.

NPCC reserves the right to reject any or all tenders without assigning any reason thereof.

Zonal Manager

VOLUME-1

PQ

1. Qualifying criteria

The intending Bidder should fulfill the following minimum pre-qualifying criteria:-

- i. Turnover:** Average Annual Financial Turnover on construction works during the last three years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost.
- ii. Experience:** Bidder should have the experience of completion of similar works during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following.
 - a. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost,
or
 - b. Two similar completed works each costing not less than the amount equal to 50% of the estimated cost,
or
 - c. One similar completed work costing not less than the amount equal to 80% of the estimated cost.
- iii. Similar works mean:**

Civil work comprising multi-storied framed structure building including services like Electrification, Sanitary & Water Supply, Drainage, Road works, Fire fighting, & Site development etc. from Central / State Govt. Departments / PSUs and/or Autonomous bodies.
- iv. Profitability:** The applicant should be a net profit making firm and should not have incurred any loss in the last 3 (three) financial years or any three out of last five years ending 31st March, 2014 duly certified by Chartered Accountant.
- v. EPF Registration:** Bidder must have valid EPF/ PF registration.
- vi. Joint Venture:** Joint Ventures are not permitted.
- vii. Credit Facility:** Agency shall have Un-utilized credit facility amounting to 10% of estimated cost certified from Bank during the current financial year. Not older than 3 months.
- viii.** The applicant must have adequate organizational setup as well as having sufficient number of experienced personnel, technical know-how, and infrastructure to complete the project well within time frame.
- ix.** The applicant must have minimum three years experience preferably working with public sector enterprises / government / semi government organizations. Experience of Private sector shall be considered only on production of TDS certificate.

- x.** NPCC is free to get documents verified and agency shall have no objection to it. In case if it is found at any stage that that the agency has made any false information will be disqualified and black listed.
- xi. Request for Tender document:** The application for issue of Tender Document is to be submitted along with the following documents without fail.
- 1) Cost of Tender document as per NIT.
 - 2) Copy of EPF / PF Registration certificate.
 - 3) Performance certificate in support of experience of similar works as per para 2.0 and 3.0 of NIT.
 - 4) Details of Turn over for last 5 years duly certified by Chartered Accountant along with Profit and loss Statement of each financial year.

1.1 Bid Capacity: Agencies who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under: -

Assessed available bid capacity = $A \times N \times 2 - B$

N = Number of years rounded up to first decimal prescribed for completion of the subject contract.

A = Maximum value of works executed in anyone year during last five years (up dated to the price level of current financial year with percentage stated in the PQ document)

B = Value at current price level of existing commitments and on going works to be completed in the next 'N' years.

- Note:**
1. The Bidder shall furnish statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works preferably countersigned by the Nodal officer or his nominee-in-charge in the format available in documents.
 2. Financial Turn Over and cost of completed works of previous years shall be given weightage of 5% per annum (compounded) based on rupee value to bring them to previous financial year price level.

2. Instruction to bidders

- 2.1 Bidders are required to submit full bio-data giving details about their organization, experience, technical personnel & manpower available in their organization, Equipment holding, PF registration number from RPFC along with the copy of chalan in proof of deposit of EPF with in the period of last three months, Balance sheet and turnover details for last 5 years duly certified by CA, Litigation history etc. in order to asses their financial and technical capabilities etc. in the enclosed forms which will be kept confidential.

- 2.2 While deciding upon the technical qualification of applicant great emphasis will be given on the ability and competence of applicants to do good quality works within the specified time schedule and in close coordination with other agencies.
- 2.3 Each page of the documents shall be signed by power of attorney holder or authorized signatory. The documents shall be signed by person(s) on behalf of the organization having necessary authorization/power of attorney to do so (certified copies to be enclosed).
- 2.4 If the space in the proforma is insufficient for furnishing full details, such information may be supplemented on separate sheets of paper, stating therein the part of the proforma and serial number. Separate sheets shall be used for each part. However, the format shall be as per proforma.
- 2.5 Applications containing false / incomplete and / or inadequate information are liable to be rejected. Also mere fulfillment of eligibility criteria does not guarantee for selection.
- 2.6 Clarification, if any required, may be obtained from the office of the Zonal Manager, 5 Kalyan Apartment, Ashok Vihar Colony, Pandri Raipur, -492 004(CG) Phone – 0771 4074482, on any working day between 11.00A.M. to 4.00 P.M.
- 2.7 Canvassing in any form in connection with pre-qualifications is strictly prohibited and the application of such persons/organizations who resort to canvassing will be liable to rejection.
- 2.8 Additional Requirement -
- Even though the bidders meet the above qualifying criteria, they are liable to be disqualified if they have
- (a) Made misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- (b) Records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.
- (c) their business banned by any Central Govt. Department/Public Sector Undertakings or Enterprises of Central Govt.
- (d) not submitted all the supporting documents or not furnished the relevant details as per the prescribed format.
- 2.9.1 A declaration to the above effect should be submitted as per Proforma-IX.
- 2.9.2 Bidder shall submit the general information about bidder as per Proforma No- III.

2.9.3 Bidder shall submit the list of major plant & machinery available with the firm as Proforma No.– IV.

2.10 Site Visit

- a. The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility and cost all information that may be necessary for preparing the bid and entering into a contract for construction of the Works.
- b. The bidder and any of its personnel or agents will be granted permission by the Employer/Owner to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder, its personnel, and agents, will release and
- c. Indemnify the Employer/Owner and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.
- d. Before submitting a Bid, the Bidder shall be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates entered in the Price Bid document are adequate and all inclusive for the completion of work to the entire satisfaction of the Employer/Owner.

2.11 Bid Opening

2.11.1 **Bids will be opened at the address mentioned in "Notice inviting Tender" in** presence of Bidders or authorized representatives of Bidders who wish to attend the opening of Bids.

2.11.2 The Price bid shall be opened on the date and time, which will be intimated later on to the technically qualified bidders. NPCC will not be responsible for any postal delay or loss of communication. NPCC will try to give intimation through available phone no. and E-mail ID.

2.12 Process to be Confidential

2.12.1 Information relating to the examination, clarification, evaluation and comparison of bids, and recommendations for bid shall not be disclosed to bidders or any other persons not officially concerned with such process until the process is finalised.

2.13 Examination of Bids and Determination of Responsiveness

2.13.1 The Employer shall examine the bids to determine whether they are complete, whether the documents have been properly signed and whether the bids are generally in order, and all documents as per Tender document have been submitted.

2.13.2 Prior to the detailed evaluation, Employer shall determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the Tender documents. For purposes of this determination, a substantially responsive bid is one that conforms to all the documents as specified in the Tender document without material deviations, objections, Conditionality or reservation. A material deviation, objection, conditionality or reservation is one;

- a) That affects in any substantial way the scope, quality or performance of the contract.
- b) That limits in any substantial way, inconsistent with the bidding documents, the **Employers' rights or the successful Bidder's obligations under the Tender document** or
- c) Whose rectification would unfairly affect the competitive position of other Bidders who are presenting substantially responsive bids.

2.13.3 If a bid is determined to be not substantially responsive, the Employer shall reject the bid.

3. MODE OF SUBMISSION

The tender should be submitted in 2 Envelope system.

- 3.1 **The Envelope No.1 TECHNICAL BID** will contain the requisite EMD in INR {as per NIT} in the form of DD / FDR / Bank Guarantee in favour of NPCC Limited payable at Raipur **(in case of BG it must be issued from nationalized / scheduled bank as per list annexed only)** and the unconditional acceptance letter on the letterhead in respect of the tender conditions as per proforma available in the tender document. The EMD shall be valid for 120 days from the date of submission of tender. The EMD in any other form shall not be accepted. This envelope No. 1 will also contain the tender document (without Price Bid) duly signed without any conditions. This shall contain all information asked vide condition no. 1.1 and Conditional tenders shall be treated as non-responsive and rejected.

The Envelope No.2 Price BID will contain the unconditional Price Bid duly signed by authorized signatory.

Both the Envelopes shall be sealed separately and shall be marked/written respectively as Technical Bid and Price Bid. These 2 sealed envelopes shall be submitted in an outer sealed envelope clearly mentioning the name of work for which the tender is offered.

The Envelope No. 1 shall be opened on its due date & time in presence of the bidders or their representatives who wish to be present. On verification of the Envelope No.1 contents as detailed above, the envelope no. 2 of qualified bidders will be opened on the date intimated separately. Conditional tenders will be summarily rejected.

If the contents/requirements of the envelope No.1 are not found in order, the envelope No. 2 shall not be opened and offer of that bidder will be rejected.

The rates for the items are to be quoted both in words & figures in the BOQ enclosed. The rates in words shall supersede the rates in figures and shall be treated as the final rates quoted.

All envelopes / packets shall be individually sealed as well as marked as given below and kept in an outer envelope marked as :

{Name & Description of work as mentioned in NIT}

NIT No :

Due on :

From (Name of the Company)

The envelope thus sealed shall be submitted at the place of submission of tender before the stipulated time and date fixed for receipt of tender. The tenders received on or after the stipulated time and date of tender receipt shall not be considered as well as the same shall be returned to the tenderer **unopened**. NPCC shall not be responsible for any kind of communication delays whatsoever may be. Each and every envelope is to be addressed to the Zonal Manager, 5 Kalyan Apartment, Ashok Vihar Colony, Pandri Raipur, -492 004(CG)

- 3.2 Once the bidder has given an unconditional acceptance to the terms and contract conditions, bidder will not be permitted to put any remark(s)/conditions(s) (except unconditional rebate on price quoted, if any) in/along with the tender document.
- 3.3 In case the conditions 3.2 mentioned above is found violated at any time after opening of tender, the tender shall be summarily rejected and NPCC shall, without prejudice to any other right remedy, be at liberty to forfeit the Earnest Money Deposit as specified above.

4. EARNEST MONEY DEPOSIT :

The agency has to submit the requisite EMD as mentioned in NIT. Tenders Received without EMD will be treated as non responsive and summarily rejected.

5. NPCC reserves the right to reject any or all the tenders in part or full without assigning any reason whatsoever thereof. NPCC does not bind itself to accept the lowest tender. NPCC also reserves the right to split up the work among two or more agencies.

6. QUOTING OF RATES & AMOUNTS:

- 6.1 **The tenderers should quote in figures as well in words – the rates and amounts tenders by them (if there is no required space provided in the BOQ sheets for writing the figures in words, then the rates quoted in words should be provided in separate sheets along with the VOLUME II of Price Bid)**. The amount for each item should be worked out and the requisite totals and page totals be given.
- 6.2 Special care should be taken to write the rates and amounts in figures as well in words in such a way that any alteration is not possible. The total amount should be written both in figures and in words. **In case of figures; the word 'Rs.'** Should be written before the figure **of Rupees and word 'P' after the decimal figure e.g. Rs. 2.15p. Rs. 2.15 shall be written as Rupees two and fifteen paisa only.** Unless the rate/amount is in whole Rupees it should invariably be up to two decimal places. While quoting the rates in Bill of quantities, the word "only" should be written closely following the amount and it should not be written in the next line.
- 6.3 Over writing should be avoided, in case of any correction/alteration is required, same should be cross and re-written neatly duly signed with company seal.
- 6.4 In case of any discrepancy between the item rates quoted in figures and words, , then the item rates quoted by the contractor in words shall be taken as correct.
- 7.** The tenders shall be strictly as per the conditions of contract. Tenders with any additional condition(s)/modifications shall be rejected.
- 8.** The witnesses to the Tender/Contract Agreement shall be other than the tenderer/ tenderers competing for this work and must indicate full name, address, status/occupation with dated signatures.
- 9.** The tenders for works shall remain open for acceptance for a period of *120 (One hundred twenty) days from the date of opening* of the tenders. If any tenderer withdraws his tender before the said period or makes any modification in terms and conditions of the tender to his benefit which are not acceptable to NPCC then NPCC shall without prejudice to any other right or remedy, be at liberty to forfeit the EMD.
- 10.** The acceptance of tender will rest with NPCC who does not bind itself to accept the lowest tender and reserves to itself the right to reject any or all the tenders received without assigning any reason thereof. Tenders in which any of the prescribed conditions are not fulfilled or found incomplete in any respect are liable to be rejected.
- 11.** Canvassing whether directly or indirectly in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

12. PERFORMANCE GUARANTEE:-

Within 15 days from the date of issue of LOA / LOI, the tenderer shall submit Performance Guarantee amounting to 5% (Five percent) of the awarded value of work in the form of Demand Draft/fixed deposit in favour of NPCC LTD. or Bank Guarantee from the Nationalized / Scheduled Bank (as per list enclosed) of equivalent value. No interest will be paid under any circumstances. On receipt of the performance guarantee in the form of DD/FDR/BG the EMD will be refunded.

13. SECURITY DEPOSIT:-

The security deposit will be deducted from the successful contractor at the rate of 10% from the Gross value of each R/A bills till it reaches 5% of the contract value. No interest will be paid on the Security Deposit under any circumstances. The total security deposit will be refunded only after expiry of defect liability period. However after successful completion of work 50% of the security deposit can be released against bank guarantee from the Nationalized / Scheduled Bank (as per list enclosed) as per approved format.

- 14.** On acceptance of tender, the name of the authorized representative(s) of the contractor who would be responsible for taking instructions from Engineer-in-charge or his authorized representative shall be intimated by the contractor within 07 days from the date of issue of telegram/letter/telex/fax of intents by NPCC.
- 15.** The tenderer shall not be permitted to tender for works if his near relative is posted as an Accountant or an Assistant Engineer or any higher ranks in the project office or concerned Zonal office of the NPCC. The contractor shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any of the officers in NPCC. Any breach of this condition by the tenderer would render him liable to the withdrawal of the work awarded to him and forfeit of Earnest Money and Security Deposit. This may also debar the contractor from tendering for future works under NPCC.
- 16.** Sales tax/VAT or any other tax on materials as also the Turnover Tax, Work Contract Tax, Service tax, Construction cess or similar, if any, in respect of contract shall be payable by the contractor and NPCC will not entertain any claim whatsoever, on such grounds. In the event of non payment/default in payment of any octroi, royalty, cess, turnover tax, sales tax, including the purchase tax, consignment tax, work contract tax or any labour dues and E.P.F. etc. by contractor/supplier, the NPCC reserves the right to with-hold the dues/payments of contractor and make payment to local / state/ Central Government authorities or to labours as may be applicable. The contractor should submit along with the tender, the Registration Certificates with sales tax on works contract authority and EPF Authorities other wise appropriate recovery shall be made from his bills.
- 17.** Tenderer should quote all prices, including the liability of taxes etc covered under Clause 16.0 or any other levy as applicable in the respective state.

- 18.** The tenderer shall be deemed to have gone through the various conditions and clauses of the tender and visited the site before quoting their rates, once they make an offer for this work. No claim shall be entertained on this account.
- 19.** The drawings for the work are available with the Project Manager, IGNTU Unit, IGNTU Campus, Lalpur, Amarkantak which can be viewed on any working day between 10 AM to 4 PM.
- 20.** Tenderer can purchase the tender documents from any of the offices mentioned in NIT. However, the documents can be viewed on our website www.npcc.gov.in.

21. ESCALATION/PRICE VARIATION:

21.1 There will be no escalation on account of any increase in price index in the price of materials or labours, imposition of sales tax or enactment of any new law or imposition of levies etc. No price escalation shall be applicable even during the extended period for completing the works. No extra claim in this regard will be entertained.

22. NPCC reserves its right to accept or reject any or all tenders without assigning any reason thereof.

23. Details of documents to be submitted: Following documents are to be submitted with Technical bid (Envelop No. 1) duly supported with credentials/certificates as directed in the respective proforma.

S.No.	Details	Proforma No.	To be executed on
1.	Acceptance of Tender Conditions	PROFORMA- I	Tenderer's letter head
2.	Form of Tender	PROFORMA- II	Tenderer's letter head
3.	General Information	PROFORMA - III	
4.	List of Major Plant and Machinery in Possession of the Firm	PROFORMA - IV	
5.	Annual Turn Over For The Last Five Years	PROFORMA-V	
6.	Details of the Similar Works Completed in Last Five Years	PROFORMA-VI	
7.	Certificate of Credit Facility	PROFORMA -VII	Banker's letter Head
8.	Details of on-going/existing works	PROFORMA-VIII	
9.	Past contractual performance	PROFORMA – IX	On Non-judicial stamp paper of value not less than Rs. 10/-

PROFORMA- I

(On the letter head of the Tenderer)

To,

The Zonal Manager,
NPCC Limited.
5 Kalyan Appartment,
Ashok Vihar Colony,
Pandri Raipur,-492 004(CG)

Sir

ACCEPTANCE OF TENDER CONDITIONS

The tender documents for the work **"Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P."** been sold to me/us by National Project Construction Corporation Limited and I/We hereby unconditionally accept the tender conditions and tender documents in its entirety for the above work.

1. The contents of clause 3.2 and 3.3 of the Tender documents (Instructions to Tenderer) have been noted wherein it is clarified that after unconditionally accepting the tender condition in its entirety, it is not permissible to put any remark(s) / conditions(s) (except unconditional rebate **on price, if any) in the tender enclosed in "Envelope-2** and the same has been followed in the present case. In case this provision of the tender is found violated at any time after opening of the Envelope 2 , I / we agree that the tender shall be summarily rejected and NPCC shall, without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money absolutely.
2. The required earnest money for this work is enclosed herewith.
3. If I/we will not fulfill the minimum qualifying criteria of the tender I/we not lodge any claim for opening of envelope 2 of the tender.

Yours faithfully,

(Signature of the tenderer)
With rubber stamp

Dated : _____

PROFORMA- II

FORM OF TENDER

(On the letterhead of the Tenderer)

To
The Zonal Manager,
NPCC Limited.
5 Kalyan Apartment,
Ashok Vihar Colony,
Pandri Raipur, -492 004(CG)

1. I / We, _____ [*Name and address of the Bidder*]_____ have read the various terms and conditions of the Bid documents together with Addendum no(s)/Errata no(s) attached here with duly signed by me/us and agree to abide by the same.
2. I/We hereby declare that we are aware of the site of work and have made ourselves fully conversant of the conditions therein and including the topography of area, soil strata at site of work, sources and availability of construction materials, rates of construction materials, water, electricity, all local taxes, royalties, octrois etc., availability of local labour (both skilled and unskilled), relevant labour rates and labour laws, the existing road and approaches to the site of work, requirements for further service roads / approaches to be constructed by me / us, the availability and rates of private land etc. that may be required by me / us for various purposes, climatic conditions, law and order situation and availability of working days.
3. I / We hereby tender for execution of **"Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P."** as per tender documents within the time schedule of completion of work as per separately signed and accepted rates in the bill of quantities quoted by me/us for the whole work in the accordance with the Notice Inviting Tenders, conditions of Contract. Specifications of materials and workmanship, bill of quantities. Drawings, time schedule of completion of jobs and other documents and papers, all as in tender documents.
4. It has been explained to me/ us that the time stipulated for jobs and completion of works in all **respects and in different stages mentioned in the "Time schedule for Completion of jobs and signed and accepted by me/us is the essence of the contract.** I/We agree that in case of failure on my/our part to strictly observe the time of completion mentioned for jobs or any of them and the final completion of **works in all respects according to the schedule sat out in the said "Time Schedule for completion of stipulations contained in the contract the recovery being made as specified therein.** In exceptional circumstances extensions of time which shall always being in writing way, however be granted by the NPCC at its entire

discretion for some items and I/we agree that such extension of time will not be counted for the final completion **of work as stipulated in the said "Time Schedule of Completion of jobs."**

5. I/we agree to pay the earnest Money deposit, performance guarantee and Security Deposit and accept the terms and condition as laid down in the memorandum below in this respect.

MEMORANDUM

S.No.	Description	GCC Clause No.	Values/Description to be applicable for relevant clause(s)
1.	Name of Work		Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.
2.	Client/Owner		Indira Gandhi National Tribal University
3.	Type of Tender		Item Rate
4.	Earnest Money deposit	As per NIT	Rs. 17.10 Lacs (Rupees Seventeen Lacs and Ten Thousand Only)
5.	Estimated Cost	As per NIT	Rs. 856.02 Lacs (Rupees Eight Hundred and Fifty Six Lakhs and Two Thousand Only)
6.	Time for completion	As per NIT	12 (Twelve) months including rainy season
7.	Mobilization Advance	8.0	Mobilization advance is payable maximum up to 10 (Ten) % of contract value subject to conditions stipulated in clause no. 8 of GCC.
8.	Interest rate on Mobilization Advance	8.0	Simple interest Rate of 12% (Twelve percent only) per annum.
9.	Schedule of Rates applicable	46.0	Refer clause No. 46 of GCC in conjunctions with BOQ
10.	Validity of Tender	4.0	120 (One hundred twenty) days
11.	Performance Guarantee	9.0	5% of contract value to be submitted within 15 days from the date of issue of LOI
12.	Security deposit/ Retention Money	10.0	To be deducted @ 10% of each RA bill and will be restricted upto 5% of the contract value.
13.	Time allowed for starting the work	43.0	Date of start of contract shall be reckoned 10 days after the date of issue of letter / FAX / E-mail of intent / acceptance of tender.
14.	Defect liability period	74.0	12 (Twelve Months from the date of handing over of works to Owner/NPCC.

6. Should this tender be accepted, I/We agree to abide by and fulfill all terms and conditions referred to above and in default thereof, to forfeit, and pay NPCC or its successors or its authorized nominees such sums of money as are stipulated in the notice inviting tender documents.



7. If I/We fail to commence the work immediately on issue of LOI, or I/We fail to submit the Performance guarantee as per Clause 09 of General conditions of contract I/We agree that NPCC shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money deposited with NPCC besides any other action as per terms of registration with NPCC. The NPCC shall also be at liberty to cancel the notice of acceptance of tender if we fail to deposit the performance guarantee as contained elsewhere in the tender documents.
8. I/We are also enclosing herewith the Acceptance letter on the prescribed pro-forma as referred to in condition of NIT.

Dated the _____ day of _____

SIGNATURE OF TENDERER

NAME IN CAPITAL LETTERS _____

ADDRESS _____

TELEPHONE & FAX NO. _____

E-mail ID _____

SEAL OF TENDERER

WITNESS

OCCUPATION. _____

PROFORMA - III

GENERAL INFORMATION

All individual firms and each partner of a joint venture participating in this Bid are requested to complete the information in this form.

1	Name of Bidder	
2	Head Office Address	
	Tel. No	
	Mobile no.	
	Fax No	
	E-mail address	
3	Address on which Correspondence should be done	
	Tel. No	
	Mobile no.	
	Fax No	
	E-mail address	
4	Place of incorporation / registration	
5	Legal status of the applicant (attach copies of original documents defining the legal status)	
i)	Specify, if the bidder is	
	a) An individual	
	b) A proprietary firm	
	c) A firm in partnership	
	d) A Limited Company or Corporation	
	e) A group of firms / joint venture (if yes, give complete information in respect of each member)	N.A.
ii)	Attach a copy of Proprietorship or Partnership Deed or Article of Association or Incorporation of Company or JV Agreement as the case may be	
6	Name of Proprietor / Partners / Directors with their addresses, Mobile & Telephone numbers, Fax no., E-mail address.	
7	Designation of individuals authorized to act for the organization with the address, Mobile & Telephone numbers, Fax, E-mail address. (Enclose legal Power of Attorney).	
8	Was the applicant ever required to suspend any construction for a	

	period of more than six months continuously after commencement of the construction? If so, give the name of the project & reasons of suspension of work.		
9	Has the applicant of any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment.		
10	Has the applicant, or any constituent partner in case of partnership firm ever been debarred / black listed for tendering in any organization at any time? If so, give details.		
11	Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of Law? If so, give details.		
12	Bank solvency		
13	Turn Over / Net Profit for the last five years to be given below	Turn Over in Lakhs	Profit in Lakhs
14	Other details: (Copies to be enclosed)		
	a) EPF No. valid up to:		
	b) Sales Tax No. valid up to		
	c) Clearance of sales Tax up to		
	d) PAN No.		
	e) Service tax registration No.		
15	Give particulars of registration with Govt./Semi Govt./Public Sector Undertakings/Local Bodies.		

Note: Use separate sheets for providing more information if any.

**Date & Place
applicant**

Signature & seal of the



PROFORMA - IV

List of major Plant and Machinery in possession of the firm

S.No.	Name of Plant & Machinery/equipment	Available Owned	*Other than col. No. C
A	B	C	D
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			

Signature & seal of the applicant

Date & Place

Note:

* In case of any arrangement for getting the equipment on lease, etc., authenticated proof of the same is to be submitted.

** Use separate sheets for providing more information.



PROFORMA-V

Date: _____

ANNUAL TURN OVER FOR THE LAST FIVE YEARS				
S. No.	YEAR	Turnover from Engineering construction works (Rs in lacs)	Net Profit (In Rs lacs)	Remarks (if any)
1	Five Previous financial years			
2				
3				
4				
5				

Note:

- 1 The bidder shall submit the attested copies of the audited balance sheets along with Profit and loss statements and Auditors report and schedules duly certified by the bidder and Chartered Accountant. Certificate from the Chartered Accountant, wherever the Annual Turnover is Certified for the relevant financial year in which the minimum criteria of Annual Turnover is satisfied should also be submitted.

PROFORMA-VI

DETAILS OF THE SIMILAR WORKS COMPLETED IN LAST FIVE YEARS

S. No.	Description of the Work with Contract No.	Name and address of the Employer with Contact No.	Date of award	Stipulated date of completion	Date of actual completion	Value of completed work (In Rs lacs)	Reasons for delays, penalty if any	Any other relevant information
1								
2								
3								
4								
5								
6								

Note:

1. The Bidder shall submit the attested Copies of the Completion Certificates from the Client.
2. The value of work executed should be inclusive of the value of free supply items.



PROFORMA - VII

Certificate of Credit Facility
(On Banker's letter Head)

This is to certify that M/s _____, is a reputed firm / company with a good financial standing.

The firm / company is enjoying a fund based credit facility of Rs _____ to meet its working capital requirements.

Signature

Name

Designation

Address of Bank

BANK'S SEAL

NOTE: The above certificate shall be from RBI scheduled Bank.

PROFORMA-VIII

DETAILS OF ON-GOING / EXISTING WORKS

S. No.	Description of the Work with Contract No.	Name and address of the Employer	Date of award	Stipulated date of completion	Value of work as per order (In Rs. lacs)	Value of work completed so far (In Rs. lacs)	Anticipated date of completion of work	Any other relevant information
1								
2								
3								
4								
5								
6								
7								
8								
9								

Note:- The copies of certificates of ongoing-awarded works issued by the owner shall be attached. Only those works shall be considered for evaluation for which copies of the certificates issued by the owner are attached.

PROFORMA – IX

PAST CONTRACTUAL PERFORMANCE

(Affidavit on non-judicial stamp paper of Rs 10/- duly attested by Notary/Magistrate)

This is to certify that We, M/s _____ [Name of the Bidder with address], in submission of the Bid, _____ [Name of Bid with Bid no.]

- have not made any misleading or false representation in the forms, Statements and attachments in proof of the qualification requirements;
- do not have records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.;
- have never been banned by any Central / State Govt. Departments/Public Sector Undertakings or Enterprises of Central / State Govt.;
- have submitted all the supporting documents and furnished the relevant details as per the prescribed format.; and
- have submitted all the information and the requisite documents with the Bid and further certify that we are fully responsible for the correctness of the information and documents submitted by us.

SIGNATURE OF THE BIDDER

SEAL

Note:

Exceptions of the above, if any, shall be clearly mentioned with details by the bidder for evaluation/consideration if any.

VOLUME-1

GCC

National Projects Construction Corporation Limited

(A Govt. of India Enterprise)

GENERAL CONDITIONS OF CONTRACT

1.0 GENERAL

The Contract means the documents forming the tender and acceptance thereof and the agreement executed between the competent person on behalf of NPCC and the contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

1.1 **National Projects Construction Corporation Limited, hereinafter called 'NPCC' proposes to get the works executed as mentioned in the Contract on behalf of Owner / Client.**

1.2 **The work will be executed as per drawings "GOOD FOR CONSTRUCTION" to be released by NPCC unless otherwise specified elsewhere in the tender documents.**

1.3 In the contract, the following expressions shall, unless the context otherwise requires, have the meaning, hereby respectively assigned to them.

1.4 DEFINITIONS

- a) **ENGINEER-IN-CHARGE** means the PROJECT MANAGER of NPCC who shall supervise and be in-charge of the work from time to time.
- b) **WORKS OR WORK:** The expression works or work shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
- c) **CONTRACTOR** means the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
- d) **DRAWINGS** mean the drawings referred to in the Bill of Quantities, specifications and any modifications of such drawings or such other drawings as may from time to time be furnished or approved by NPCC in consultation with the Client.
- e) **SITE** means the lands and other places on, under, in or through which the works are to be executed or carried out and any other lands or places provided by NPCC or used for the purpose of the agreement.
- f) **APPROVAL** means approved in writing including subsequent written confirmation of previous verbal approval.

- g) **WRITING** means any manuscript typed written or printed statement under or over signature and/or seal as the case may be.
- h) **MONTH** means English Calendar month 'Day' means a Calendar day of 24 Hrs each.
- i) **CONTRACT VALUE** means the sum for which the tender is accepted as per the letter of intent.
- j) **LANGUAGE**: All documents and correspondence in respect of this contract shall be in English Language.
- k) **BILL OF QUANTITIES** or **SCHEDULE OF QUANTITIES** means the priced and completed Bill of Quantities or Schedule of Quantities forming part of the tender.
- l) **OWNER** means INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY, AMARKANTAK, who has awarded the work to NPCC as implementing agency.
- m) **IMPLEMENTING / EXECUTING AGENCY** means **National Projects Construction Corporation Limited (A Govt. of India Enterprise)** referred as NPCC who has been retained as implementing agency by INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY, AMARKANTAK for their construction work.
- n) **TENDER** means the Contractor's priced offer to NPCC for the execution and completion of the work and the remedying of any defects therein in accordance with the provisions of the Contract, as accepted by the Letter of Intent or Award letter. The word TENDER is synonymous with Bid and the word TENDER DOCUMENTS with "Bidding Documents" or "offer documents".

The headings in the clauses / conditions of tender documents is for convenience only and shall not be used for interpretation of the clause / condition.

Words imparting the singular meaning only also include the plurals and vice versa where the context requires. Words imparting persons or parties shall include firms, companies and other organizations having legal capacities.

2.0 SITE VISIT AND COLLECTING LOCAL INFORMATION

Before tendering, the tenderer is advised to visit the site, its surroundings to assess and satisfy themselves about the local conditions such as the working and other constraints at site, approach to the site, availability of water & power supply, application of taxes, cess duties and levies as applicable, nature of ground, soil and sub-soil condition, underground water table level, accommodations they may require etc., river regime, river water levels, other details of river, streams & any other relevant information required by them to execute complete scope of work.

The tenderer may obtain all necessary information as to risks, weather conditions, contingencies & other circumstances (insurgencies etc.), which may influence or affect their tender prices. Tenderer shall be deemed to have considered site conditions whether

he has inspected it or not and to have satisfied himself in all respect before quoting his rate and no claim or extra charges whatsoever in this regard shall be entertained / payable by the NPCC at a later date.

2.1 **ACCESS BY ROAD**

Contractor, if necessary, shall build temporary access roads to the actual site of construction for the works at his own cost to make the site accessible. The Contractor shall maintain the same in motorable condition at all the times as directed by Engineer-in-Charge at his own cost. The contractor shall be required to permit the use of any roads so constructed by him for vehicles of NPCC or any other agencies / contractors / Client who may be engaged on the project site, free of cost.

Non-availability of access roads or approach to site, for the use of the contractor shall in no case condone any delay in the execution of work nor be the cause for any claim for compensation.

2.2 **HANDING OVER & CLEARING OF SITE**

2.2.1 The Contractor should note that area for construction may be made available in phases as per availability and in conjunction with pace of actual progress of work at site. The work may be required to be carried out in constrained situations. The work is to be carried out in such a way that the traffic, people movement, if any, is kept operative and nothing extra shall be payable to the contractor due to this phasing / sequencing of the work. The contractor is required to arrange the resources to complete the entire project within total stipulated time. Traffic diversion, if required, is to be done and maintained as per specification by the contractor at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.

2.2.2 The efforts will be made by the NPCC to handover the site to the Contractor free of encumbrances. However, in case of any delay in handing over of the site to the Contractor, the NPCC shall only consider suitable extension of time for the execution of the work. It should be clearly understood that NPCC shall not consider any revision in contract price or any other compensation whatsoever viz. towards idleness of **Contractor's labour, equipment etc.**

2.2.3 The Contractor shall be responsible for removal of all over-ground and under-ground structures (permanent, semi-permanent and temporary) and constructions from the site. The cost to be incurred in this regard shall be deemed to be included in the quoted rate of Bill of Quantities items and contractor shall not be entitled for any extra payment whatsoever, in this regard. The contractor, if required, shall demolish old structures on the proposed site, properly.

The useful material obtained from demolition of structures & services shall be the property of the owner / NPCC and these materials shall be stacked in workmanship like at the place specified by the Engineer- in-charge.

2.2.4 If required, the contractor has to do site clearance, enabling work, barricading, diversion of Roads, shifting / realignment of existing utility services, drains, nallahs etc. at his own

cost as per direction of Engineer-in-charge and the contractor shall not be entitled for any extra payment whatsoever in this regard.

- 2.2.5 Necessary arrangements including its maintenance are to be made by the contractor for temporary diversion of flow of existing drain and road, as the case may be. The existing drain, road would be demolished, wherever required, with the progress of work under the scope of proposed project. The existing Road and Drain, which are not in the alignment of the said project but are affected and/ or need to be demolished during execution for smooth progress of the project, shall be rehabilitated to its original status and condition (including black topping) by the contractor at his own cost. The cost to be incurred by contractor in these regards shall be deemed to be included in the quoted rates of the Bill of Quantities items and contractor shall not be entitled for any extra payment whatsoever, in these regards.
- 2.2.6 The Contractor shall be responsible to co-ordinate with service provider / concerned authorities for cutting of trees, shifting of utilities and removal of encroachments etc. and making the site un-encumbered from the project construction area required for completion of work. This shall include initial and frequent follow up meetings / actions / discussions with each involved service provider / concerned authorities. The contractor shall not be entitled for any additional compensation for delay in cutting of trees, shifting of utilities and removal of encroachments by the service provider / concerned authorities.
- 2.2.7 The information about the public utilities (whether over ground or underground) like electrical / telephone / water supply lines, OFC Cables, open drain etc. is the responsibility of contractor to ascertain the utilities that are to be affected by the works through the site investigation and collection of information from the concerned utility owners.
- 2.2.8 The contractor shall be responsible to obtain necessary approval from the respective authorities for shifting / re-alignment of existing public utilities. NPCC shall only assist the contractor for liasoning in obtaining the approval from the concerned authorities. Take all measures reasonably required by the various bodies to protect their services and property during the progress of works. It shall be deemed to be the part of the contract and no extra payment shall be made to the contractor for the same. Shifting/ re-alignment of public utilities should be done without disturbing the existing one. New service lines should be laid and connected before dismantling the existing one.
- 2.2.10 Shifting / re-alignment of existing public utilities shall be done by the contractor as per technical requirement of respective bodies or as per direction of Engineer-in-Charge. Shifting/ re-alignment of public utilities include all materials, labours, tools and plants and any other expenses whatsoever for the same. The cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment, whatsoever, in this regard. In case any of these services are shifted by the State Govt / local authorities themselves for which deposit as per their estimates is to be made to them, the contractor shall deposit the same and the Contractor shall be paid only at the rates quoted by them in BOQ for quantity specified in the BOQ, if such items are included in the BOQ irrespective of amount paid by him to the State Govt. / local authorities for execution of these works. In case such provision is

not made in the BOQ or the quantity exceeds those specified in the BOQ, the same is deemed to be included in the rates quoted by him for other items in BOQ and nothing extra shall be payable to contractor on this account.

3.0 SCOPE OF WORK

3.01 The scope of work covered in this tender shall be as per the Bill of Quantities, specifications, drawings, instructions, orders issued to the contractor from time to time during the work. The drawings for this work, which may be referred for tendering, provide general idea only about the work to be performed under the scope of this contract. These may not be the final drawings and may not indicate the full range of the **work under the scope of this contract. Drawings released as "GOOD FOR CONSTRUCTION" from time to time by the Engineer-in-charge** of NPCC and according be executed according to any additions / modifications / alterations / deletions made from time to time, as required by any other drawings that would be issued to the contractor progressively during execution of work.

It shall be the responsibility of the contractor to incorporate the changes that may be in this scope of work, envisaged at the time of tendering and as actually required to be executed.

3.2 **The quantities of various items as entered in the "BILL OF QUANTITIES" are indicative** only and may vary depending upon the actual requirement. The contractor shall be bound to carry out and complete the stipulated work irrespective of the variation in individual items specified in the bill of quantities.

4.0 VALIDITY OF TENDER

The tender for the works shall remain open for acceptance for a period of **One hundred and twenty** days from the date of opening of Price Bid of tenders. The earnest money will be forfeited without prejudice to any right or remedy, in case the contractor withdraws his tender during the validity period or in case he changes his offer to his benefits, which are not acceptable to NPCC. The validity period may be extended on mutual consent.

5.0 ACCEPTANCE OF TENDER

The NPCC reserves to itself the authority to reject any or all the tenders received without assigning any reason. The acceptance of a tender shall be effective w.e.f. the date on which the telegram/ letter of intent of acceptance of the tender is put in the communication by the NPCC. NPCC also reserves the right to Split the work among two or more parties at lowest negotiated rate without assigning any reason thereof. The contractor is bound to accept the portion of work as offered by NPCC after split up at the quoted/-negotiated rates.

6.0 SET OF CONTRACT DOCUMENTS

1. Notice Inviting tender
2. Corrigendum(s) and Addendum (s).
3. Pre-qualification documents

4. General Conditions of contract
5. Special conditions and formats
6. BOQ
7. Technical Specifications
8. Tender drawings

7.0 **EARNEST MONEY DEPOSIT**

- 7.1 **Earnest Money Deposit of amount as mentioned in "Memorandum to Form of Tender"** required to be submitted along with the tender shall be in the form of Demand Draft, or **FDR payable at place as mentioned in "NIT/ Instructions to Tenderer" in favour of NPCC** Limited from any Nationalized Bank of India/scheduled Bank, or Bank Guarantee in enclosed format from any Nationalized / Scheduled Bank. The EMD shall be valid for minimum period of 120 days (One hundred Twenty Days) from last day of submission of Tender
- 7.2 EMD shall accompany the offer and placed in the sealed envelope cover of the offer as detailed in the Instruction to tenderer. Any tender not accompanied with the requisite Earnest Money Deposit along with Letter of Acceptance shall be rejected and such tenderer(s) will not be allowed to attend the opening of bids. Conditional tenders will be summarily rejected.
- 7.3 The date of opening of envelope no. 2 i.e. Price bid shall be intimated Postal / Email / Telephonically to the technically qualified bidders only to depute their representative. The Envelope No. 2 shall be opened on intimated date & time in presence of the bidders or their representatives who wish to be present
- 7.4 The EMD of all unsuccessful tenderers will be returned within thirty (30) days of the Award of the Contract to successful bidder. EMD of successful tenderer shall be refunded after submission of Performance Guarantee by him.
- 7.5 Once the tenderer has given an unconditional acceptance to the tender conditions in its entirety, he is not permitted to put any remark(s) / conditions(s) (except unconditional rebate on price, if any) in / along-with the tender.
- 7.6 In case the condition 7.5 mentioned above is found violated at any time after opening of tender, the tender shall be summarily rejected and NPCC shall, without prejudice to any other right or remedy, be at liberty to forfeit the full said Earnest Money absolutely.
- 7.7 No interest shall be payable by the NPCC on the said amount covered under EMD / Other security documents.

8.0 **MOBILISATION ADVANCE**

- 8.1 **Mobilization advance up to maximum of amount as mentioned in the "Memorandum to the Form of Tender" shall be paid to the contractor on submission of non-revocable Bank Guarantee of an amount equal to 112 % of the mobilization advance to be paid as mentioned in the "Memorandum to the Form of tender", from a nationalized bank in**

enclosed Performa. The Mobilization Advance shall be at the **Interest rate of 12% simple interest as mentioned in the "Memorandum to the Form of Tender"**.

This advance shall be paid in three installments as follows-

- i. First Installment of fifty percent of total mobilization advance shall be paid after the agreement is signed and upon submission of performance guarantee.
- ii. 3rd installment of twenty five percent of total mobilization advance will be paid after the setting up of site office and facilities to NPCC as per contract, completion of mobilization of Plant and machinery, scaffolding & shuttering materials etc.
- iii. The Balance twenty five percent of total mobilization advance shall be paid on completion of 10% of work in terms of cost and after the contractor has fully mobilized the work at site.

8.2 The mobilization advance bear simple interest at the rate as mentioned in the MEMORANDUM and shall be calculated from the date of payment to the date of recovery (365 days in a year) both days inclusive, on the outstanding amount of advance. **Recovery of such sums advanced shall be made by the deduction from the contractor's bills commencing after first ten percent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire advance is recovered by the time eighty per cent of the gross value of the contract is executed and paid, together with interest due on the entire outstanding amount up to the date of recovery of the installment.**

The Mobilization Advance bank guarantee shall initially be made for the amount equal to 112 % of the mobilization advance to be paid as per MEMORANDUM and valid for the contract period, and be kept renewed from time to time to cover the balance amount and likely period of complete recovery together with interest. However, the contractor can submit part bank guarantees against the mobilization advance in as many numbers as the proposed recovery installments equivalent to the amount of each installment.

8.3 Notwithstanding what is contained in clause No. 8.1 & 8.2, no mobilization advance whatsoever shall be payable, if payment of mobilization advance is not mentioned in the memorandum to the form of tender.

9.0 **PERFORMANCE GUARANTEE**

"Within 10 days (ten days) from the date of receipt of letter of intent or within such extended time as may be granted by NPCC in writing, the contractor shall submit to NPCC a performance bank guarantee in the form appended, from any nationalized bank equivalent to 5% (five percent only) of the contract value for the due and proper execution of the contract. This bank guarantee shall remain valid up to 180 (One Hundred and Eighty) days. And would be released after the completion of the project. In case the contractor fails to submit the performance guarantee of the requisite amount within the stipulated period or extended period, letter of intent will stand withdrawn and EMD of contractor shall be forfeited.

10.0 **SECURITY DEPOSIT**

The security deposit will be deducted from the successful contractor at the rate of 10% from the Gross value of each R/A bills till it reaches 5% of the contract value. No interest will be paid on the Security Deposit under any circumstances. The total security deposit will be refunded only after expiry of defect liability period. However after successful completion of work, 50% of the security deposit can be released against bank guarantee from any Nationalized Bank as per approved format.

11.0 **MOBILISATION OF MEN, MATERIALS AND MACHINERY:**

- 11.1 All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling **the equipment's, clearing the site etc.** shall be deemed to be included in prices quoted and no separate payment on account of such expenses shall be entertained.
- 11.2 It shall be the responsibility of the Contractor to provide, operate and maintain all **necessary construction equipment's, scaffoldings and safety, gadget, lifting tackles, tools** and appliances to perform the work in a workman like and efficient manner and complete all jobs as per the specifications and within the schedule time of completion of work. Further, contractor shall also be responsible for obtaining temporary electric and water connection for all purposes. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply.
- 11.3 It shall be the responsibility of the contractor to obtain the approval for any revision and/ or modification of work desired by him from NPCC before implementation. Also such revisions and / or modifications if accepted / approved by the NPCC shall be carried at no extra cost to NPCC.
- 11.4 The procurement and supply in sequence and at the appropriate time of all materials **and consumable shall be entirely the contractor's responsibilities and his** rates for execution of work shall be inclusive of supply of all these items.
- 11.5 **It is mandatory for the contractor to provide safety equipment's and gadgets to its all** workers, supervisory and Technical staff engaged in the execution of the work while **working. The cost of the above equipment's/ gadgets are deemed to be included** in the rates quoted by the contractor for the items & works as per Bill of Quantities and contractor shall not be entitled for any extra cost in these regard. The above norm is to be strictly complied with at site. In case the contractor is found to be deficient in **providing Safety Equipment's / Gadgets** in the opinion of Engineer-in-charge, the Engineer-in-charge at his option can procure the same at the risk & cost of contractor and provide the same for the use of worksite and shall make the recoveries from the bills of the contractor for the same. The decision of the Engineer-in-charge shall be final and binding on contractor in this regard.

- 11.6 All designs, drawings, bill of quantities, etc., shall be supplied to the contractor for works by NPCC in phased manner as the works progress. However it shall be the duty and responsibility of the contractor to bring to the notice of the NPCC in writing as to any variation, discrepancy or any other changes required and to obtain revised drawings and designs and / or approval of the NPCC in writing for the same.
- 11.7 One copy of contract documents including drawings furnished to the contractor shall be kept at the site and the same shall at all reasonable times be available for inspection.
- 11.8 All materials, construction plants and equipment's etc. once brought by the contractor within the project area, will not be allowed to be removed from the premises without the written permission of the NPCC. Similarly all enabling works built by the contractor for the main construction undertaken by him, shall not be dismantled and removed without the written authority of the NPCC.

12.0 **INCOME TAX DEDUCTION**

Income tax deductions shall be made from all payments made to the contractor including advances against work done, as per the rules and regulations in force, in accordance with the Income Tax Act prevailing from time to time.

13.0 **TAXES AND DUTIES**

- 13.1 The contractor shall be responsible for the payment, wherever payable, at his own cost of all taxes such as excise duty, custom duty, sales tax, including the purchase tax, consignment tax, work contract tax, service tax or any other similar tax in the state concerned, turnover tax, toll tax, octroi charges, royalty, cess, levy and other tax (es) or duty (ies) which may be specified by local/ state/ central government from time to time on all materials, articles which may be used for this work or are otherwise payable. The rates quoted by him in the tender in bill of quantities shall be inclusive of all such taxes, duties, cess etc. The imposition of any new and/ or increase in the aforesaid taxes, duties, levies, cess (including fresh imposition of Work Contract Tax, Turnover Tax, Sales Tax on Work Contract or any other similar Tax) etc. during the currency of the contract shall be borne by contractor and shall not be paid or reimbursed to the contractor by NPCC. In the event of non-payment / default in payment of any octroi, royalty, cess, turnover tax, sales tax, including the purchase tax, consignment tax, work contract tax or any other similar tax in the state concerned, customs, excise or any other levy/tax including labour dues etc. by contractor / supplier, NPCC reserves the right to with-hold the dues/ payments of contractor and make payment to local/state/ Central Government authorities or to labourers as may be applicable. The contractor should **submit along with the tender, the" Registration certificates for Sales Tax on works contract" from the authorities concerned, otherwise appropriate recovery shall be made from his bills.**
- 13.2 The rates quoted by the contractor shall be deemed to be inclusive of Sales Tax, Turnover Tax on works contract or any similar tax as per the Sales Tax Act applicable in the State and it shall not be reimbursed by NPCC. Tax deductions at source shall be made as per laws prevalent in the State.

- 13.3 The stamp duty and registration charges, if any, on the contract agreement levied by the Government or any other statutory body, shall be paid by the contractor.
- 13.4 It will be incumbent upon the Contractor to obtain a registration certificate as a dealer under the Local Sales Tax Act and the Central Sales Tax Act and necessary evidence to this effect shall be furnished by the Contractor to NPCC. Sales Tax on the transactions between the Contractor and his Sub-contractor / Vendors etc. shall not be reimbursed by NPCC. The Contractor shall be responsible for any taxes that may be levied hereunder on the transaction between Contractor and NPCC.
- 13.5 The bidder shall quote his rates inclusive of Turnover Tax / Sales Tax on Works Contract payable to State Govt. along-with other taxes, duties, cess, levies etc. in conjunction with other terms and conditions.

13.6 **VALUE ADDED TAX (VAT)**

“The consideration agreed for the execution of said contract shall include the tax, duties, cess, etc. such as excise duty, service tax, VAT, which is leviable or may be levied in future under any State Law or the Central Law on execution of said contract, such taxes shall be borne by the contractor and shall not be reimbursed by NPCC. Further, if due to any variance in such tax, duties, cess etc. there is any increase in the taxes, the same shall also be borne by the contractor. Where under any of the State or the Central Law, there is requirement of deduction of tax at source, the same shall be deducted from the amount paid or payable to the contractor pursuant to this contract and shall be deposited to the Government authorities by NPCC. NPCC shall issue the documents / forms / certificate as prescribed under the relevant law, in respect of the amount so deducted from the amount paid or payable to the contractor. NPCC shall have full rights to withhold the amount payable to the contractor in pursuant to this contract, if contractor does not fulfill his obligation under any State or Central Law relating to execution of said contract, in case the amount has already been paid, NPCC has the right to recover such payments from the contractor.”

14.0 **ROYALTY ON MATERIALS:**

The contractor shall deposit royalty and obtain necessary permit for supply of bajri, stone, kankar, sand etc. from the local authorities and quoted rates shall be inclusive of royalty on any account whatsoever.

15.0 **RATES TO BE FIRM**

- 15.1 The item rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to Item rates or any escalation shall be allowed on account of any increase in prices of materials, labour, POL and Overheads etc., or any other statutory increase during the entire contract period or extended contract period.
- 15.2 **The contractor shall be deemed to have inspected the site, it's surrounding and acquainted with the nature of the ground, accessibility of the site and full extent and nature of all operations necessary for the full and proper execution of the contract,**

space for storage of materials, constructional plant, temporary works, restrictions on the plying of heavy vehicles in area, supply and use of labour, materials, plant, equipment and laws, rules and regulations, if any, imposed by the local authorities.

- 15.3 The rates and prices given in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, **maintenance, contractor's profit and establishment** / overheads, together with preparation of designs & drawings pertaining to casting yard, shop drawing, fabrication drawing (if required), staging form work, stacking yard, etc. all general risk, taxes, royalty, duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.
- 15.4 Unless otherwise specified in the Bill of Quantities (BOQ), the contractor has to make his own arrangement for dewatering / bailing out of water, effluent including strutting, shoring etc., at every stage of work wherever required including working under foul condition as per direction of Engineer-in-Charge at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.
- 15.5 If required to make work site suitable for execution, contractor shall have to clear jungle including of rank vegetation, grass, trees etc., clear & clean existing drains/ canals (including strutting, shoring and packing cavities) and dispose them out of the site up-to any lead and lift as per direction of Engineer-in-charge. The contractor should inspect the site of work from this point of view. Unless otherwise specified in the Bill of Quantities, the cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment in this regard.
- 15.6 If any temporary / permanent structure is encountered or safety of such structure in the vicinity is endangered due to execution of the project, the contractor has to protect the structures by any means as per the directions of the Engineer-in-Charge. If any damage caused to any temporary or permanent structure(s) in the vicinity is caused due to execution of the project, the contractor has to make good the same by any means as per directions of the Engineer-in-Charge. The contractor should inspect the site of work from this point of view. The cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment in this regard.

16.0 **ESCALATION / PRICE VARIATION**

No claim on account of any price variation / Escalation on whatsoever ground shall be entertained at any stage of works. All item rates as per Bill of Quantities (BOQ) quoted by Contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation/price variation clause shall be applicable on this contract.

17.0 **INSURANCE OF WORKS ETC.**

Contractor is required to take **contractor's all risk policy** or erection all risk policy (as the case may be) from an approved insurance company in the joint name with NPCC and bear all costs towards the same for the full period of execution of works including the defect liability period for the full amount of contract against all loss of damage from whatever cause arising other than excepted risks for which he is responsible under the terms of the contract and in such manner that the NPCC and the contractor are covered during the period of construction of works and/or also covered during the period of defect liability for loss or damage:

- a. The work and the temporary works to the full value of such works.
- b. The materials, constructional plant, centering, shuttering and scaffolding materials and other things brought to the site for their full value.

Whenever required by NPCC, the contractor shall produce the policy or the policies of insurance and the receipts for payment of the current premiums.

18.0 **INSURANCE UNDER WORKMEN COMPENSATION ACT**

Contractor is required to take insurance cover under the Workman Compensation Act, 1923 amended from time to time from an approved insurance company and pay premium charges thereof. Wherever required by NPCC the contractor shall produce the policy or the policies of Insurance and the receipt of payment of the current premiums.

19.0 **THIRD PARTY INSURANCE**

Contractor is required to take third party insurance cover for an amount of 5% (five percent) of contract value from an approved insurance company for insurance against any damage, injury or loss which may occur to any person or property including that of NPCC, arising out of the execution of the works or temporary works. Wherever required by NPCC the contractor shall produce the policy or the policies of Insurance and the receipt of payment of the current premiums. In case of failure of the contractor to obtain contractors all risk policy, insurance under workman compensation act and third party insurance as described above within one month from the date of commencement of work, running account payments of the contractor shall be withheld till such time the contractor obtains the aforesaid insurance covers. If the Contractor could not effect a comprehensive insurance cover against risks which he may be required to effect under the terms of the contract, then he shall give his attention to get the best insurance cover available and even in case of effecting a wider insurance cover than the one which the subsidiary of the General Insurance Company could offer, such an insurance is ought to be done after **the NPCC's approval, by or through the subsidiary of the General Insurance Company.**

20.0 **INDEMNITY AGAINST PATENT RIGHTS**

The contractor shall fully indemnify the NPCC from and against all claims and proceedings for or on account of any infringement of any patent rights, design,

trademark or name or other protected rights in respect of any construction plant, machine, work or material used for in connection with the works or temporary works.

21.0 **LABOUR LAWS TO BE COMPLIED BY THE CONTRACTOR**

The contractor shall obtain a valid license under the contract labour (R & A) Act 1970 and the contract labour Act (R&A) Central Rules 1971 and amended from time to time, and continue to have a valid license until the completion of the work including defect liability period. The contractor shall also abide by the provision of the child labour (Prohibition and Regulation) Act. 1986 and amended from time to time. Any failure to fulfill this requirement shall attract the penal provisions of this contract arising out the resultant for non-execution of the work before the commencement of work.

21.1 No labour below the age of 18 years shall be employed on the work.

22.0 **LABOUR SAFETY PROVISION**

The contractor shall be fully responsible to observe the labour safety provisions.

23.0 **OBSERVANCE OF LABOUR LAWS**

23.1 The contractor shall be fully responsible for observance of all labour laws applicable including local laws and other laws applicable in this matter and shall indemnify and keep indemnified NPCC against effect or non-observance of any such laws. The contractor shall be liable to make payment to all its employees, workers and sub-contractors and make compliance with labour laws. If NPCC or the client/ owner is held **liable as "Principal Employer" to pay contributions** etc. under legislation of Govt. or Court decision in respect of the employees of the contractor, then the contractor would reimburse the amount of such payments, contribution etc. to NPCC and/ or same shall be deducted from the payments, security deposit etc. of the contractor.

23.2 The Contractor shall submit proof of having valid EPF registration certificate. In absence of the said certificate payment to the extent of 4.70% (four point seventy percent) of the value of the Running Account bill may be withheld by NPCC and shall be released only after the production of the EPF registration certificate from the concerned authorities. If it is incumbent upon NPCC to deposit withhold amount with EPF authorities, the withhold amount shall be deposited by NPCC with EPF authorities. In such a case NPCC shall not refund this withhold amount to the contractor even after the production of EPF registration certificate.

23.3 The contractor shall be liable to pay cess levied under the Building and other Construction Workers Welfare Cess Act, 1996, at such rates as may be notified by the Government from time to time. The NPCC shall deduct at source from every Running Account Bill of the Contractor, the said cess, at such rates for the time being prevailing, which shall not exceed 2% (two percent) but not be less than 1% (one percent) of the cost of construction incurred by the NPCC.

24.0 LAW GOVERNING THE CONTRACT

The Indian Laws shall govern this contract for the time being in force.

25.0 LAWS, BY LAWS RELATING TO THE WORK

The contractor shall strictly abide by the provisions, for the time being in force, of law relating to works or any regulations and bylaws made by any local authority or any water & lighting agencies or any undertakings within the limits of the jurisdiction of which the work is proposed to be executed. The contractor shall be bound to give to the authorities concerned such notices and take all approvals as may be provided in the law, regulations or bylaws as aforesaid, and to pay all fees and taxes payable to such authorities in respect thereof.

26.0 EMPLOYMENT OF PERSONNEL

- 26.1 The contractor shall employ only Indian Nationals as his representatives, servants and workmen after verifying their antecedents and loyalty. He shall ensure that no personnel of doubtful antecedents and any other nationality in any way are associated with the works.
- 26.2 The NPCC shall have full power and without giving any reason to the contractor, immediately to get removed any representative, agent, servant and workmen or employees on account of misconduct negligence or incompetence or whose continued employment may in his opinion be undesirable. The contractor shall not be allowed any compensation on this account.

27.0 TECHNICAL STAFF FOR WORK

- 27.1 The contractor shall employ at his cost the adequate number of technical staff during the execution of this work depending upon the requirement of work. For this purpose the numbers to be deployed, their qualification, experience as decided by NPCC shall be final and binding on contractor. The contractor shall not be entitled for any extra payment in this regard. The technical staff should be available at site, whenever required by NPCC to take instructions.
- 27.2 Within 15 days of letter of intent, the contractor shall submit a site organizational chart and Resume including details of experience of the Project-in-Charge and other staff proposed by him and shall depute them on the Project after getting approval from Engineer-in-Charge. If desired by the contractor at a later date, the Project-in-Charge and other staff whose resume is approved by NPCC can be replaced with prior written approval of NPCC and replacement shall be with equivalent or superior candidate only. Decision of Engineer-in-Charge shall be final and binding on the contractor.

Even after approving the site organizational chart, the Engineer-in-Charge, due to nature and exigency of work, can direct the contractor to depute additional staff as per the requirement.

The removal of such additional staff from the site shall only be with the prior written approval of Engineer-in-Charge. The contractor shall not be paid anything extra whatsoever on account of deployment of additional staff and decision of the Engineer-in-Charge shall be final and binding on the contractor.

The desired numbers of personnel for the project are as follows:

S.No.	Contract Value	Graduate Engineers *		Diploma Engineers **	
		Civil	Mechanical/ Electrical	Civil	Mechanical/ Electrical
1.	Up to 5.00 Crores	-	-	02	01
2.	More than 5.00 & Up to 10.00 Crores	01	-	02	01
3.	More than 10.00 & Up to 25.00 Crores	02	01	02	01
4.	More than 25.00 & Up to 50.00 Crores	03	01	03	01
5.	More than 50.00 & Up to 75.00 Crores	04	02	04	02
6.	More than 75.00 & Up to 100.00	05	02	06	03
7.	More than 100.00	06	03	08	04

- 27.3 In case the contractor fails to employ the staff as aforesaid he shall be liable to pay a reasonable amount not exceeding a sum of Rs. 40,000 (Rupees forty Thousand only) for each month of default in the case of each Graduate Engineer and Rs.25,000 (Rupees twenty five Thousand only) in the case of each Diploma Engineer. The decision of the Engineer-in-charge as to the number of Technical Staff to be adequate for the project and the period for which the required technical staff was not employed by the contractor and as to the reasonableness of the amount to be deducted on this account shall be final and binding on the contractor.

28.0 LAND FOR LABOUR HUTS/ SITE OFFICE AND STORAGE ACCOMMODATION

- 28.1 The contractor shall arrange the land for temporary office, storage accommodation and labour huts at his own cost and get the clearance of local authorities for setting up of labour camp and same is deemed to be included in the rates quoted by the contractor for the works. The contractor shall ensure that the area of labour huts is kept clean and sanitary conditions are maintained as laid down by the local authorities controlling the area. The labour huts shall be so placed that it does not hinder the progress of work or access to the worksite. Contractor shall give the vacant possession of the land utilised for this purpose back after completion of the work. The security deposit of the contractor shall be released only after contractor demolishes all structures including foundations and gives back clear vacant possession of this land.
- 28.2 In the event the contractor has to shift his labour campus at any time during execution of the work on the Instructions of local authorities or as per the requirement of the work progress or as may be required by NPCC, he shall comply with such instructions at his cost and risk and no claim whatsoever shall be entertained on this account.
- 28.3 FURNISHED OFFICE ACCOMMODATION & MOBILITY AND COMMUNICATION TO BE PROVIDED BY CONTRACTOR TO NPCC

On acceptance of tender, the contractor at his own cost will provide a suitable furnished Unit office equipped with all facilities such as telephone, fax, internet, photocopier, computer & printer along with operator, regular electric & purified drinking water supply etc. as per the requirement of the project. The Unit office shall have an Air Conditioned (1.5 ton capacity) conference hall with furnishings. For any reasons, if the provision of

the Unit office is delayed, the NPCC is at liberty to hire a building, which is suitable for this purpose furnish and occupy. The cost of furniture along with the rent, brokerage and advance if any payable to the house owner will be recovered from the contractor. This will be from the date of LOI/LOA till the completion of the defect liability period of the project and settlement & payment of final bill, whichever is later.

The details are as per clause no. 13 of Special conditions of contract.

The contractor shall also make sufficient arrangement for photography/ videography preferably by maintaining a camera/video camera at site so that video photographs can be taken of a specific activity at any point of time. The contractor shall also provide software like MS Project etc. for the purpose of preparing progress report etc.

28.4 The contractor shall make all arrangements for ground breaking ceremony/ inaugural function etc for the project as required and the cost towards it deemed to be included in his rates/offer.

28.5 UTILISATION OF WORK FORCE OF NPCC BY THE CONTRACTOR

NPCC may supply skilled/semiskilled work force if available in surplus and required by the contractor, like work supervisors, masons, wireman, plumber etc or any other category to assist the contractor in execution of the works at the fixed recovery rate of Rs. 12,500/- per month for each number of workforce (Rupees twelve thousand five hundred only per month) or any higher rate mentioned in the "Memorandum to the Form of Tender" against each work force, till handing over of the whole project.

Recoveries, as stated above will be made by NPCC from the monthly running account bills. The contractor shall deploy such work force on the execution of the works as per their trades and deployment shall be for the entire contract period till completion and handing over of works. Further, the monthly rate per person is for the purpose of recovery only and in no way shall be construed to be the rate applicable for working out analysis, justification of rates, extra items, claims etc.

S.No.	Value of the Project as per agreement (Rs.in crores)	Number of work force of various categories
1.	From Rs.1 crore to 2.5 crore	1
2.	Above Rs.2.5 crore to 5 crore	3
3.	Above Rs.5 crore to 7.5 crore	4
4.	Above Rs.7.5 crore to 10 crore	6
5.	Above Rs.10 crore to 15 crore	8
6.	Above Rs.15 crore to 20 crore	10
7.	Above Rs.20 crore to 30 crore	12
8.	Above Rs.30 crore to 50 crore	15
9.	Above Rs.50 crore to 75 crore	20
10	Above Rs.75 crore up to any value.	25

29.0 WATCHING AND LIGHTING

The contractor shall at his own cost take all precautions to ensure safety of life and property by providing necessary barriers, lights, watchmen etc. during the progress of work as directed by Engineer-in-Charge.

30.0 HEALTH & SANITARY ARRANGEMENTS

In case of all labour directly or indirectly employed in work for the performance on the **contractor's part of this contract, the contractor shall comply with all rules framed by Govt.** from time to time for the protection of health and sanitary arrangements for workers.

31.0 WORKMEN'S COMPENSATION ACT

The contractor shall at all times indemnify NPCC and Owner against all claims for **compensation under the provision of workmen's compensation Act or any other law in force,** for any workmen employed by the contractor or his sub-contractor in carrying out the contract and against all costs and expenses incurred by the NPCC therewith.

32.0 MINIMUM WAGES ACT

The contractor shall comply with all the provisions of the minimum wages Act, 1948, contract labour Act (R&A) 1970, and rules framed there under and other labour laws/local laws affecting contract labour that may be brought into force from time to time.

33.0 LABOUR RECORDS

The contractor shall submit by the 4th & 19th of every month to the Engineer-in-Charge of NPCC a true statement, showing in respect of the second half of the proceeding month and the first half of the current month, respectively, of the following data: -

- a) The number of the labour employed by him (category-wise).
- b) Their working hours.
- c) The wages paid to them.
- d) The accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused.
- e) The number of female workers who have been allowed Maternity Benefits and the amount paid to them.
- f) Any other information required by Engineer-in-Charge.

34.0 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 Engineer-in-Charge. The Engineer-in-Charge, 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.

35.0 SECURED ADVANCE AGAINST NON-PERISHABLE MATERIALS

Interest free secured advance up-to a maximum of 75 % (seventy five percent) of the Market Value of the Materials or the cost of materials as derived from the tendered item rate of the contractor, whichever is less, required for incorporation in the permanent works and brought to site and duly certified by NPCC site Engineer shall be paid to the Contractor for all non-perishable items as per CPWD norms. The advance will be paid only on submission of Indemnity Bond in the prescribed pro-forma. The advance shall be recovered in full from next Running Account bill and fresh advance paid for the balance quantities of materials. The contractor shall construct suitable godown at the site of work for safe storing the materials against any possible damages due to sun, rain, dampness, fire, theft etc. at his own cost. He shall also employ necessary watch & ward establishment for the purpose at his costs and risks.

- 35.1 Payment of such advance shall be processed by NPCCL with a certificate from an Officer not below the rank of Executive Engineer as under:-
- a) The quantities of material for which advance is to be made are required being claimed have actually been brought to site.
 - b) Full quantity of the material for which advance is to be made are required by the contractor for use on items of work for which rates for finished work have been agreed up on.
 - c) The quality of materials is as per desired specifications and having the desired test certificates from the approved laboratories.

36.0 MEASUREMENTS OF WORKS

Unless otherwise mentioned in the bill of quantities the measurements of works shall be done as per CPWD specifications (as specified in Technical Specification of the Tender) and if the same is not given in the CPWD Specifications, the same shall be measured as per latest relevant BIS codes in force. The quantity of steel reinforcement and the structural steel sections incorporated in the work shall be measured & paid on the basis of standard coefficients of sections as per BIS Codes of practice.

37.0 PAYMENTS

- 37.1 The bill shall be submitted by contractor each month on or before the date fixed by the Engineer-in-Charge for all works executed in previous months. The contractor shall prepare computerized bills using the program as approved by Engineer-in-Charge as per prescribed format / pro-forma. The Contractor shall submit five numbers of hard copies and one soft copy of floppy / CD for all bills, subject to clause 37.3 herein below, the payment due to the contractor shall be made within fifteen days of getting the measurements verified from the Engineer-in-Charge or his subordinate / representative and certification of bill by the Engineer-in-Charge.
- 37.2 All running payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and / or accepted by NPCC and shall not preclude the recovery for bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the Contract, or any part thereof, in this respect, or the accruing of any claim, nor shall it conclude, determine or affect in any way the powers of the NPCC under these conditions or any of them as to the final settlement and adjustments of the accounts or otherwise, or in any other way vary / affect the contract. The contractor shall submit the final bill within three months of the **completion of work, otherwise NPCC's certificate of the measurement and of the total** amount payable for the work accordingly shall be final and binding on contractor. Each Running Bills should be accompanied by two sets of at-least 20 (twenty) photographs as per direction of Engineer-in-charge taken from various points depicting status of work as on Report/ Bill date along with Monthly Progress Report for the concerned month in the pro-forma to be given / approved by Engineer-in-Charge. Intermittent progress Photographs as and when required shall also be provided by the Contractor at his own cost as per direction of Engineer-in-Charge. No payment of running account bill shall be released unless it is accompanied by progress photographs and Monthly Progress Report as above.
- 37.3 It is clearly agreed and understood by the Contractor that notwithstanding anything to the contrary that may be stated in the agreement between NPCC and the contractor, the contractor shall become entitled to payment only after NPCC has received the corresponding payment(s) from the client / Owner for the work done by the contractor. Any delay in the release of payment by the client / Owner to NPCC leading to a delay in the release of the corresponding payment by NPCC to the contractor shall not entitle the contractor to any compensation/ interest from NPCC.
- 37.4 **All payments shall be released by NPCC by Payee's Account cheque** from any of its offices in India directly at the address notified by the Contractor (Postage charges shall **be charged to the contractor's account**). **In case of Payments is made by Demand Draft** at the request of the Contractor, Bank Commission charges shall be debited to the account of contractor.

38.0 WORK ON SUNDAYS, HOLIDAYS AND DURING NIGHT

For carrying out work on Sunday and Holidays or during night, the contractor will approach the Engineer-in-Charge or his representative at least two days in advance and

obtain his permission. The Engineer-in-Charge at his discretion can refuse such permission. The contractor shall have no claim on this account whatsoever. If work demand, the contractor shall make arrangements to carry out the work on Sundays, Holidays and in two, three shifts with the approval of Engineer-in-Charge at no extra cost to NPCC.

39.0 NO IDLE CHARGES TOWARDS LABOUR OR P&M ETC.

No idle charges or compensation shall be paid for idling of the contractor's labour, staff or P&M etc. on any ground or due to any reason whatsoever. NPCC will not entertain any claim in this respect.

40.0 WORK TO BE EXECUTED IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS AND ORDERS ETC.

The contractor shall execute the whole and every part of the work in the most substantial and workman like 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 assigned by the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings. The contractor shall comply with the provisions of the contract and execute the works with care and diligence 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.

41.0 DIRECTION FOR WORKS

41.1 All works to be executed under the contract shall be executed under the directions and subject to approval in all respects of the Engineer-in-Charge of NPCC who shall be entitled to direct at what point or points and in what manner the works are to be commenced and executed.

41.2 The Engineer-in-Charge and his representative shall communicate or confirm their instructions to the contractor in respect of the execution of work during their site inspection in a **'Works Site Order Book'** maintained at the site office of Engineer-in-charge. The contractor or his authorized representative shall confirm receipt of such instructions by signing against the relevant orders in the book.

42.0 ORDER OF PRECEDENCE OF DOCUMENTS

In case of difference, contradiction, discrepancy, dispute with regard to Conditions of Contract, specifications, Drawings, Bill of quantities and rates quoted by the Contractor and other documents forming part of the contract, the following shall prevail in order of precedence.

- i) Letter of Intent, Letter of Award, Work Order, Agreement along with statement of agreed variations and its enclosures.
- ii) Bill of Quantity / Schedule of Quantities
- iii) Special Condition of Contract.
- iv) Technical specifications (General, Additional and Technical Specification) as give in Tender documents.
- v) General Conditions of Contract.
- vi) Drawings.
- vii) CPWD specifications works-2013 (in Technical Specification of the Tender) update with correction slips issued up to last date of receipt of tenders.
- viii) Relevant B.I.S. Codes.

43.0 TIME SCHEDULE & PROGRESS

- 43.1 Time allowed for carrying out all the works as entered in the tender shall be as mentioned in the Tender conditions. The Date of start of contract shall be reckoned 10 days after the date of issue of letter / FAX / E-mail of intent / acceptance of tender. Time shall be the essence of the contract and contractor shall ensure the completion of the entire work within the stipulated time of completion.
- 43.2 The contractor shall also furnish within 10 days of date of receipt of letter of Intent, a CPM network / PERT chart / Bar Chart for completion of work within stipulated time. This will be duly got approved from NPCC. This approved Network / PERT Chart shall form a part of the agreement. Achievement of milestones as well as total completion has to be within the time period allowed.
- 43.3 Contractor shall mobilize and employ sufficient resources for completion of all the works as indicated in the agreed BAR CHART / Network. No additional payment will be made to the contractor for any multiple shift work or other incentive methods contemplated by him in his work schedule even though the time schedule is approved by the Engineer-in-Charge.
- 43.4 During the currency of the work the contractor is expected to adhere to the time schedule on miles stone and total completion and this adherence will be a part of **Contractor's performance under the contract. During the execution of the work** contractor is expected to participate in the review and updating of the Network/ BAR CHART undertaken by the NPCC. These reviews may be undertaken at the discretion of NPCC either as a periodical appraisal measure or when the quantum of work order on the contractor is substantially changed through deviation orders or amendments. The review shall be held at site or any of the offices of NPCC / owner / consultant at the sole discretion of NPCC. The contractor will adhere to the revised schedule thereafter. The approval to the revised schedule resulting in a completion date beyond the stipulated

date of completion shall not automatically amount to a grant of extension of time to the contractor.

- 43.5 Contractor shall submit fortnightly/ Monthly (as directed by Engineer-in-Charge) progress reports (5 copies) on a computer based program (program and software to be approved by Engineer-in-Charge) highlighting status of various activities and physical completion of work.
- 43.6 The contractor shall send completion report with as built drawings and maintenance schedule to the office of Engineer-in-Charge, of NPCC in writing within a period of 30 days of completion of work.

44.0 WATER AND ELECTRICITY

The contractor shall make his own arrangement for Water & Electrical power for construction and other purposes at his own cost and pay requisite electricity and water charges. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply.

45.0 MATERIALS TO BE PROVIDED BY THE CONTRACTOR

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

The contractor shall at his own expense and without delay, supply to the Engineer-in-Charge samples of materials to be used on the work and shall get the same 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 required by the Engineer-in- Charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply.

The contractor shall at his risk and cost submit the samples of materials to be tested or analyzed and bear all charges and cost of testing unless specifically provided or otherwise elsewhere in the contract or specifications. The Engineer-in-Charge 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 and cost in obtaining the right and visit to such access.

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

45.1 CEMENT AND CEMENT GODOWN

Cement shall be procured by Contractor confirming to BIS: 8112 Specification latest edition or higher Grade as directed by the Engineer-in-Charge. The cement shall be procured directly from the reputed manufacturers/ stockiest, which will have to be got approved from NPCC in advance. Relevant vouchers and test certificates will be produced as and when required. The cement shall be stored by the contractor in such suitable covered and lockable stores, well protected from climate and atmospheric affect. The cement godown shall be constructed by the contractor as per CPWD specifications-2013 at his own cost. The cement in bags shall be stored in godowns in easy countable position. Cement bags shall be used on first in first out basis. Cement stored for beyond 90 days will be required to be tested at contractors cost, before use in works.

46.2 STEEL & STEEL STOCKYARD

Steel confirming to BIS specifications (latest edition) shall be procured by the contractor directly from reputed manufacturers/producers as per approved list of NPCC. The manufacturer has to give a certificate that the material supplied is not a re-rolled product. The contractor will produce relevant vouchers & test certificates. Re-rolled sections will not be allowed.

Reinforcement steel, structural steel shall be stored and stacked in such manner so as to facilitate easy identification, removal etc. The contractor shall take proper care to prevent direct contact between the steel and the ground/ water for which he shall provide necessary arrangement at his own cost including ensuring proper drainage of area to prevent water logging as per directions of the Engineer-in-Charge. Steel shall also be protected, by applying a coat of neat cement slurry over the bars for which no extra payment shall be made.

Test certificates for each consignment of steel shall be furnished and tests to be got carried out from the authorized laboratory as per the directions of Engineer-in-Charge, before incorporating the materials in the work.

46.0 SCHEDULE OF QUANTITIES / BILL OF QUANTITIES/ QUANTITY VARIATION

46.1 The work under this contract shall be carried out as per BOQ cum rate schedule. In case the description / specification as per BOQ are found to be incomplete CPWD specifications works-2013 shall be followed. Quantities mentioned in the rate schedule are approx. only and liable for variation due to change of scope of work/variation in schedule of quantities, changes in design etc. The tenderers shall undertake to execute actual quantities as per advise of NPCC engineer and accordingly the final contract price shall be worked out on the basis of quantities actually executed at site in payments will also be regulated for the same. The quantities indicated against each item may vary to any extent and no compensation will be payable in variation of individual quantity to the extent sanction is available.

46.2 All items of work in the bill of quantities / schedule of quantities shall be carried out as per the CPWD specifications for works-2013 and subsequent amendments made in

specification, drawings and instructions of the Engineer-in-Charge of NPCC and the rates shall include for supply of required materials including proper storage, consumables, skilled & unskilled labour, supervision and tools, tackles, plant & machinery complete as called for in the detailed specifications and conditions of the contract. The Contractor without the approval of the NPCC shall execute no item, which is not covered in the bill of quantities. In case any Extra/Substituted item is carried out without specific-approval, the same will not be paid.

48.0 INDIAN STANDARDS

Wherever any reference is made to any IS in any particular specifications, drawings or bill of quantities, it means the Indian Standards editions with the amendments current at the last date of receipt of tender documents.

50.0 PROPRIETARY MATERIALS

- 50.1 The following proprietary materials shall be brought to site after the approval of NPCC.
- L T Cables
 - H T Cable
 - Cement
 - Steel
 - D G Sets
 - Feeder Pillar.
 - MCCB
 - Any other materials as per discretion of the NPCC.
- 50.2 The quantity of proprietary materials shall be measured and recorded in the Measurement books and signed by the Contractor and the Engineer-in-Charge as a check to ensure that the required quantities as required for execution of works as per specifications have to be brought to site for incorporation in the work.
- 50.3 Proprietary materials brought at site shall be stored as directed by NPCC and those already recorded in Measurement book, shall be suitably marked for identification.
- 50.4 The contractor shall ensure that the proprietary materials are brought to site in original **sealed containers or packing bearing manufacturer's markings and brands (except where the quantity required is a fraction of the smallest packing)**. Materials not complying with this requirement shall be rejected. The empty containers of such proprietary materials shall not be destroyed/ disposed-off without the permission of NPCC.
- 50.5 The contractor shall produce receipted vouchers showing quantities of the materials to satisfy Engineer-in-Charge that the materials comply with the specifications. These vouchers shall be endorsed, dated and initialed by Engineer-in-Charge giving the contract number and name of work and a certified copy of each such voucher signed both by NPCC and the Contractor shall be kept on record.

51.0 RECORDS OF CONSUMPTION OF MATERIALS

- 51.1 For the purpose of keeping a record of materials (Steel & Cement) received at site and consumed in works, the contractor shall maintain a properly bound register in the form approved by the NPCC, showing columns like quantity received and used in work and **balance in hand etc. This register shall be signed daily by the contractor's representative and NPCC's representative.**
- 51.2 **The register of material shall be kept at site in the safe custody of NPCC's Engineer** during progress of the work. This provision will not, however, absolve the contractor from the quality of the final product.
- 51.3 In case cement or steel quantity consumed is lesser as compared to the theoretical requirement of the same as per CPWD specifications/ norms, the work will be devalued and/ or a penal rate (i.e. double the rate at which cement/ steel purchased last) recovery for lesser consumption of cement/ steel shall be made in the rates of the work done subject to the condition that the tests results fall within the acceptable criteria as CPWD (as the case may be) specifications otherwise the work shall have to be dismantled and redone by the contractor at no extra cost.
In case of cement, if actual consumption is less than 98% of the theoretical **consumption, a recovery shall be effected from the contractor's dues at the penal rate** (Prescribed under relevant clauses of I.S. Code) for the actual quantity, which is lower than 98% of theoretical consumption.

52.0 MATERIALS AND SAMPLES

- 52.1 The materials / products used on the works shall be one of the approved make / brands out of list of manufacturers / brands / makes given in the tender documents. The contractor shall submit samples / specimens out of approved makes of materials / products to the Engineer-in-Charge for prior approval. In exceptional circumstances Engineer-in-Charge may allow alternate equivalent makes / brands of products / materials at his sole discretion. The final choice of brand / make shall remain with the Engineer-in-Charge, whose decision in this matter shall be final and binding and nothing extra on this account shall be payable to the Contractor.
In case no make or brand of any materials, articles, fittings and accessories etc. is specified, the same shall comply with the relevant Indian Standard Specifications and shall bear the ISI/BIS mark. The Engineer of NPCC and the owner shall have the **discretion to check quality of materials and equipment's to be incorporated in the work,** at source of supply or site of work and even after incorporation in the work. They shall also have the discretion to check the workmanship of various items of work to be executed in this work. The contractor shall provide the necessary facilities and assistance for this purpose.
- 52.2 The above provisions shall not absolve the contractor from the quality of final product and in getting the material and workmanship quality checked and approved from the Engineer-in-Charge of NPCC.
- 52.3 The contractor shall well in advance, produce samples of all materials, articles, fittings, accessories etc. that he proposes to use and get them approved in writing by NPCC. The materials articles etc. as approved shall be labeled as such and shall be signed by NPCC **and the Contractor's representative.**

- 52.4 The approved samples shall be kept in the custody of the Engineer- in-Charge of NPCC till completion of the work. Thereafter the samples except those destroyed during testing shall be returned to the contractor. No payment will be made to the contractor for the samples or samples destroyed in testing.
- 52.5 The brands of all materials, articles fittings etc. approved together with the names of the manufacturers and firms from which supplies have been arranged shall be recorded in the site order book.
- 52.6 The contractor shall set up and maintain at his cost, a field-testing laboratory for all day-to-day tests at his own cost to the satisfaction of the Engineer-in-Charge. This field-testing laboratory shall be provided with equipment and facilities to carry out all mandatory field tests as per CPWD specifications Works-2013. The laboratory building shall be constructed and installed with the appropriate facilities; Temperature and humidity controls shall be available wherever necessary during testing of samples.

All equipment's shall be provided by the Contractor so as to be compatible with the testing requirements specified. The Contractor shall maintain all the equipment's in good working condition for the duration of the contract.

The Contractor shall provide approved qualified personnel to run the laboratory for the duration of the Contract. The number of staff and equipment available must at all times be sufficient to keep pace with the sampling and testing programme as required by the Engineer-in-charge.

The Contractor shall fully service the site laboratory and shall supply everything necessary for its proper functioning, including all transport needed to move equipment and samples to and from sampling points on the site, etc.

The Contractor shall re-calibrate all measuring devices whenever so required by the Engineer-in-charge and shall submit the results of such measurements without delay. All field tests shall be carried out in the presence of NPCC representative. All costs towards samples, materials, collection, transport, manpower, testing etc. shall be borne by the Contractor and are deemed to be included in the rates quoted by him in the bill of quantities.

53.0 TESTS AND INSPECTION

- 53.1 The contractor shall carry out the various mandatory tests as per specifications and the technical documents that will be furnished to him during the performance of the work.

All the tests on materials, as recommended by CPWD and relevant Indian Standard Codes or other standard specifications (including all amendments current at the last date of submission of tender documents) shall be got carried out by the contractor at the field testing laboratory or any other recognized institution/ laboratory, at the direction of the NPCC. All testing charges, expenses etc. shall be borne by the contractor.

All the tests, either on the field or outside laboratories concerning the execution of the work and supply of materials shall be got carried out by the contractor or NPCC at the cost of the Contractor.

53.2 WORKS TO BE OPEN TO INSPECTION

All works executed or under the course of execution in pursuance of this contract shall at all times be open to inspection and supervision of the NPCC. The work during its progress or after its completion may also be inspected, by Chief Technical Examiner of Government of India (CTE) and / or an inspecting authority of State Government of State in which work is executed and/or by third party checks by owner / clients. The compliance of observations / improvements as suggested by the inspecting officers of NPCC / CTE / State authorities / Owners shall be obligatory on the part of the Contractor at the cost of contractor.

54.0 CARE OF WORKS

From the commencement to the completion of works and handing over, the contractor shall take full responsibility for care thereof all the works and in case of any damage/loss to the works or to any part thereof or to any temporary works due to lack of Precautions or due to negligence on part of Contractor, the same shall be made good by the Contractor.

55.0 WORK IN MONSOON AND DEWATERING

The execution of the work may entail working in the monsoon also. The contractor must maintain labour force as may be required for the job and plan and execute the construction and erection according to the prescribed schedule. No special / extra rate **will be considered for such work in monsoon. The contractor's rate shall be considered** inclusive of cost of dewatering required if any and no extra rate shall be payable on this account.

56.0 NO COMPENSATION FOR CANCELLATION / REDUCTION OF WORKS

If at any time after the commencement of the work the NPCC shall for any reason whatsoever is required to abandon the work or is not require the whole work thereof as specified in the tender to be carried out, the Engineer-in-Charge shall give notice in writing of the fact to the contractor, who shall have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in consequence of the full amount of the work not having been carried out or fore-closure, neither shall he have any claim for compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated. Provided that the contractor shall be paid the charges on the cartage only of materials actually and bonafide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment or curtailment of the work or any portion thereof and then taken back by the contractor, provided however, that the Engineer-in-Charge shall have in all such cases the option of taking over all or any such materials at their purchase

price or at local current rates whichever may be less. In the case of such stores having been issued by NPCC and returned by the Contractor to NPCC, credit will be given to him by the Engineer-in-Charge at rates not exceeding those at which they were originally issued to him after taking into consideration any deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of the Engineer-in-Charge shall be final.

57.0 RESTRICTION ON SUBLETTING

- 57.1 The contractor shall not sublet or assign the whole or part of the works except where otherwise provided, by the contract and even then only with the prior written consent of the NPCC and such consent if given shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults or neglects of any sub-contractor, his agents, servants or workman as full as if they were the acts, defaults or neglects of the contractor, his agent, servants or workman provided always that the provision of labour on piece work basis shall not be deemed to be a subletting under this clause.
- 57.2 The contractor may entrust specialized items of works to the agencies specialized in the specific trade. The contractor shall give the names and details of such firm whom it is going to employ for approval of NPCC. These details shall include the expertise, financial status, technical manpower, equipment, and resources and list of works executed and on hand of the specialist agency.

58.0 PROHIBITION OF UNAUTHORISED CONSTRUCTION & OCCUPATION

No unauthorized buildings, construction of structures should be put up by the contractor anywhere on the project site, neither any building built by him shall be un-authorisedly occupied by him or his staff.

59.0 CO-ORDINATION WITH OTHER AGENCIES

Work shall be carried out in such a manner that the work of other Agencies operating at the site is not hampered due to any action of the Contractor. Proper Co-ordination with **other Agencies will be Contractor's responsibility. In case of any dispute the decision of NPCC shall be final and binding on the contractor.** No claim whatsoever shall be admissible on this account.

60.0 SETTING OUT OF THE WORKS

The contractor shall be responsible for the true and proper setting out of the works and for the correctness of the position, levels, dimensions and alignment of all parts of the works. If at any time during the progress of works, shall any error appear or arise in the position, levels, dimensions or alignment of any part of the works, the contractor shall at his own expenses rectify such error to the satisfaction of Engineer-in-charge. The checking of any setting out or of any line or level by the engineers of NPCC shall not in any way relieve the contractor of his responsibility for the correctness.

61.0 NOTICE BEFORE COVERING UP THE WORK

The contractor shall give not less than seven days' notice before covering up or otherwise placing beyond the reach of measurement any work, to the Engineer-in-charge in order that the same may be inspected and measured. If any work is covered up or placed beyond the reach of Inspection/ measurement without such notice or his consent being obtained the same shall **be uncovered at the contractor's expenses and he shall have to make it good at his own expenses.**

62.0 SITE CLEARANCE

62.1 The contractor shall ensure that the working site is kept clean and free of obstructions for easy access to job site and also from safety point of view. Before handing over the work to the NPCC the contractor shall remove all temporary structures like the site offices, cement godown, stores, labour hutments etc., scaffolding rubbish, left over materials tools and plants, equipments etc., clean and grade the site to the entire satisfaction of the Engineer-in-charge. If this is not done the same will be got done by NPCC at his risk and cost.

62.2 The contractor shall clean all floors, remove cement/ lime/ paint drops and deposits, **clean joinery, glass panes etc., touching all painter's works and carry out all other** necessary items of works to make the premises clean and tidy before handing over the building, and the Item rates quoted by the contractor shall be deemed to have included the same.

63.0 VALUABLE ARTICLES FOUND AT SITE

All gold, silver and other minerals of any description and all precious stones, coins, treasure, relics, antiques and all other similar things which shall be found in, under or upon the site, shall be the property of the owner/ Government and the contractor shall duly preserve the same to the satisfaction of Engineer-in-charge and shall from time to time deliver the same to such person or persons indicated by the NPCC.

64.0 MATERIALS OBTAINED FROM DISMANTLEMENT TO BE OWNER'S PROPERTY

All materials like stone, boulders and other materials obtained in the work of dismantling, excavation etc. will be considered owner/ government property and may be issued to the contractor by the owner/ NPCC, if required for use in this work at rate s approved by NPCC or the contractor may be asked to dispose these items at his cost.

65.0 SET-OFF OF CONTRACTOR'S LIABILITIES

NPCC shall have the right to deduct or set off the expenses incurred or likely to be incurred by it in rectifying the defects and/or any claim under this agreement against the Contractor from any or against any amount payable to the contractor under this agreement including security deposit and proceeds of performance guarantee.

66.0 MATERIALS PROCURED WITH THE ASSISTANCE OF NPCC

If any material for the execution of this contract is procured with the assistance of NPCC either by issue from its stores or purchase made under orders or permits or licenses obtained by NPCC, the contractor shall hold and use the said materials economically and solely for the purpose of this contract and shall not dispose them without the permission of Engineer-in-charge. The contractor, if required by the NPCC, shall return all such surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination on whatsoever reason, on being paid or credited such price as the NPCC shall determine having due regard to the conditions of materials.

67.0 ALTERATION IN SPECIFICATION, DESIGN & DRAWING

67.1 The Engineer-in-Charge shall have power to make any alterations in, omissions from, additions to or substitutions for, the original specifications, drawings, designs and instructions that may appear to him to be necessary during the progress of the work, and the contractor shall carry out the work in accordance with any instructions which may be given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions, or substitutions shall not invalidate the contract and any altered, additional or substituted work which the contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work. The time for the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work, and the certificate of the Engineer-in-Charge shall be conclusive as to such proportion. Over and above this, a further period to the extent of 25 percent of such extension shall be allowed to the contractor. The rates for such additional, altered or substituted work under this clause shall be worked out in accordance with the following provisions in their respective order:

i) The rates for the additional, altered or substituted work are specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rates as are specified in the contract for the work.

ii) If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, the rates will be derived from the rates for a nearest similar item of work as are specified in the contract for the work. In case of composite tenders where two or more schedule of quantities/ bill of quantities form part of the contract, the rates shall be derived from the nearest similar item in the schedule of quantities / bill of quantities of the particular part of work in which the deviation is involved failing that from the lowest of the nearest similar item in other schedule of quantity. The opinion of the Engineer-in-Charge as to whether or not the rate can be reasonably so derived from the item in this contract will be final and binding on the contractor.

iii) If the altered, additional or substituted work includes any work for which no rate is specified in the contract for the work and which cannot be derived in the manner specified in sub para (i) and (ii) from the similar class of work in the contract then such work shall be carried out at the rates entered in the CPWD Schedule of rates works (DSR-2013).

iv) If the rates for the altered, additional or substituted work cannot be determined in the manner specified in sub-clauses (i) to (iii) above, then the contractor shall, within 7 days of the date of receipt of order to carry out the work, inform the Engineer-in-Charge of the rate which it is his intention to charge for such class of work, supported by analysis of the rate or rates claimed, and the Engineer-in-Charge shall determine the rate or rates on the basis of prevailing market rates of the material, Labour, T&P etc. plus 10% (Ten percent) to cover the contractors supervision, overheads and profit and pay the contractor accordingly. The opinion of the Engineer-in-Charge as to the current market rates of materials and quantum of labour involved per unit of measurements will be final and binding on the contractor.

However, the Engineer-in-Charge, by notice in writing, will be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider advisable. But under no circumstances, the contractor shall suspend the work on the plea of non-settlement of rates of items falling under the clause.

68.0 ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK

If it shall appear to the Engineer-in-Charge or his authorized subordinate in charge of the work or to the Chief Technical Examiner or to any other inspecting agency of Government / State Government / Owner where the work is being executed, that any work has been executed with unsound, imperfect, or unskillful workmanship or with materials of any inferior description, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for or otherwise not in accordance with the contract, the contractor shall on demand in writing which shall be made within six months of the completion of the work from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, Certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own proper charge and cost, and in the event of his failing to do so within a period to be specified by the Engineer-in-Charge in his demand aforesaid, then the Contractor shall be liable to pay compensation at the rate of one percent of the estimated amount put to tender for every day not exceeding ten days, while his failure to do so shall continue and in the case of any such failure, the Engineer-in-Charge may rectify or remove and re-execute the work or remove and replace with others, the material or articles complained of as the case may be at the risk and expense in all respects of the contractor.

69.0 POSSESSION PRIOR TO COMPLETION

69.1 NPCC shall have the right to take possession of or use any completed or partially completed work or part of the work. Such possession or use shall not be deemed to be any acceptance of any work not completed in accordance with the contract agreement. If such prior possession or use by NPCC delays the progress of work an equitable adjustment in the time of completion will be made and the contract agreement shall be deemed to be modified accordingly. The decision of NPCC in this case shall be final binding and conclusive.

- 69.2 When the whole of the works or the items or the groups of items of work for which separate periods of completion have been specified have been completed the contractor will give a notice to that effect to the Engineer-in-Charge in writing. The Engineer in-Charge shall within 7 days of the date of receipt of such notice inspect the works and either the Engineer-in-Charge issues to the contractor a completion certificate stating the date on which in his opinion the works were completed in accordance with the contract or gives instructions in writing to the contractor specifying the balance items of work which are required to be done by the contractor before completion certificate could be issued. The Engineer-in-Charge shall also notify the contractor of any defect in the works affecting completion.
- 69.3 The contractor shall during the course of execution prepare and keep updated a **complete set of 'as built' drawings to** show each and every change from the contract drawings, changes recorded shall be countersigned by the Engineer-in-Charge and the **contractor. Four copies of 'as built' drawings shall be supplied to NPCC by the contractor** within 30 days of the completion. All costs incurred in this respect shall be borne by the contractor only.

70.0 COMPENSATION FOR DELAY AND REMEDIES

- 70.1 If the contractor fails to maintain the required progress in terms of relevant clause of Special Conditions of Contract, to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the NPCC on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below or such smaller amount as the Engineer in charge (whose decision in writing shall be final and binding) 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 in the relevant clause in Special Conditions of Contract or that the work remains incomplete.

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

- i) Completion period (as originally stipulated) not exceeding 3 month @ 1% per day
- ii) Completion period (as originally stipulated) exceeding 3 months @ 1% per week

Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Tendered Value of work or of the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with NPCC.

70.2 CANCELLATION / DETERMINATION OF CONTRACT IN FULL OR PART

Subject to other provisions contained in this clause the Engineer-in-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and / or any other provisions of

this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely 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-workmanlike manner shall omit to comply with the requirement of such notice for a period of seven days thereafter; or

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

iii) If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge; or

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; or

v) If the contractor shall offer or give or agree to give to any person in NPCC 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 action in relation to the obtaining or execution of this or any other contract from NPCC; or

vi) If the contractor shall obtain a contract with NPCC as a result of wrong tendering or other non-bona-fide methods of competitive tendering; or

vii) 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 administrative 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; or

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

x) If the contractor assigns, transfers, sublets (engagement of labour on a piece-work basis or of the 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 and 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 may without prejudice to any other right or remedy which shall have accrued or shall accrue hereafter to NPCC, by a notice in writing, cancel the contract as a whole or only such items of work in default from the Contract.

The Engineer-in-Charge shall on such cancellation by the NPCC have powers to:

a) Take possession of 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; and / or

c) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination or rescission the full security deposit recoverable under the contract shall be liable to be forfeited and un-used materials, construction plants, implements, temporary buildings, etc. shall be taken over and shall be absolutely at the disposal of the NPCC. If any portion of the Security Deposit has not been paid or received it would be called for and forfeited; and/ or

d) To employ labour paid by the Department and to supply materials to carry out the work or any part of the work debiting the contractor with the cost of the labour and the price of the materials (of the amount of which cost and price certified by the Engineer-in-Charge shall be final and conclusive) against the contractor and crediting him with the value of the work done in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the Engineer-in-Charge as to the value of the work done shall be final and conclusive against the contractor provided always that action under the sub-clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the department are less than the amount payable to the contractor at his agreement rates, the difference shall not be paid to the contractor; and/ or

e) 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 or delayed with reference to the General Conditions of Contract clause / relevant clause of Special Conditions of Contract, out of his hands and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work had been executed by him (of the amount of which excess the certificate in writing of the Engineer-in-Charge shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by NPCC under his contract or on any other

account whatsoever or from his security deposit or the proceeds of sales of unused materials, construction plants, implements temporary buildings etc. thereof or a sufficient part thereof as the case may be. If the expenses incurred by the NPCC are less than the amount payable to the contractor at his agreement rates, the difference shall not be paid to the contractor; and/ or

f) By a notice in writing to withdraw from the contractor any items or items of work as the Engineer-in-charge may determine in his absolute discretion and get the same executed at the risk and cost of the contractor.

Any excess expenditure incurred or to be incurred by NPCC in completing the works or part of the works or the excess loss or damages suffered or may be suffered by NPCC as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to NPCC 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 Engineer-in-Charge **shall have the right to sell any or all of the contractor's 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 and law.

Any sums in excess of the amounts due to NPCC and unsold materials, constructional plant etc. shall be returned to the contractor, provided always that if cost or anticipated cost of completion by NPCC 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.

In the event of anyone or more of the 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. Provided further that if any of the recoveries to be made, while taking action as per (d) and/or (e) above, are in excess of the security deposit forfeited, these shall be limited to the amount by which the excess cost incurred by the Department exceeds the security deposit so forfeited.

70.3 CONTRACTOR LIABLE TO PAY COMPENSATION EVEN IF ACTION IS NOT TAKEN

In any case in which any of the powers conferred upon the Engineer-in-Charge by relevant clause thereof, shall have become exercisable and the same are not exercised,

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

70.4 TIME ESSENCE OF CONTRACT & EXTENSION FOR DELAY

The time allowed for execution of the Works as specified in the terms of contract or the extended time in accordance with these conditions shall be the essence of the contract. The execution of the works shall commence from the 10th Day or such time period as mentioned in letter of Intent/ award after the date on which the Engineer-in-Charge issues written orders to commence the work. If the Contractor commits default in commencing the execution of the work as aforesaid, the Executing Agency shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.

70.4.1 Within 10 (Ten) days of Letter of Intent, the Contractor shall submit a Time and Progress Chart (CPM/ PERT/ Quantified Bar Chart) and get it approved by the Engineer-in-Charge. The Chart shall be prepared in direct relation to the time stated in the contract documents for completion of items of the works. It shall indicate the forecast (mile-stones) of the dates of commencement and completion of various items, trades, sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time stipulated in the Contract documents, and further to ensure good progress during the execution of the work.

The compensation for delay as per clause 50.1 and 50.1 shall be leviable at intermediate stages also, in case the required progress is not achieved to meet the above time deadlines of the completion period and/ or milestones of time and progress chart, provided always that the total amount of Compensation for delay to be paid under this condition **shall not exceed 10% of the tendered value of work**".

70.4.2 If the work(s) be delayed by:

- i) force-majeure or
- ii) Abnormally bad weather, or
- iii) Serious loss or damage by fire, or
- iv) Civil commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
- v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract, or
- vi) Non-availability of stores, which are responsibility of the NPCC or,
- vii) non availability or break down of tools and plant to be supplied or supplied by NPCC or,
- viii) any other cause which, in the absolute discretion of the NPCC, is beyond the **Contractor's control, then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge 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 Engineer-in-Charge to proceed with the works.**

70.4.3 Request for extension of time, to be eligible for consideration, shall be made by the Contractor in writing with in fourteen days of the happening of the event causing delay on the prescribed form.

The Contractor will indicate in such a request the period for which extension is desired. In any such case NPCC may give a fair and reasonable extension of time for completion of work. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request

71.0 WITHHOLDING AND LIEN IN RESPECT OF SUMS DUE FROM CONTRACTOR

71.1 Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the contractor, NPCC shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any, deposited by the contractor and for the purpose aforesaid, NPCC 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, NPCC 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 NPCC pending finalization or adjudication of any such claim.

71.2 It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-in-Charge or NPCC will be kept withheld or retained as such by the Engineer-in-Charge or NPCC till the claim arising out of or under the contract is determined by the competent court and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor

is a partnership firm or a limited company, the Engineer-in-Charge or the NPCC shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company, as the case may be whether in his individual capacity or otherwise.

NPCC 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 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 NPCC to recover the same from him in the manner prescribed in Clause 51.1 above 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 NPCC to the contractor, without any interest thereon whatsoever.

71.3 LIEN IN RESPECT OF CLAIMS IN OTHER CONTRACTS

Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-in-Charge or by NPCC against any claim of the Engineer-in-Charge or NPCC in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-in-Charge or the NPCC. It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer-in-Charge or the NPCC will be kept withheld or retained as such by the Engineer-in-Charge or the NPCC 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.

72.0 DEFECTS LIABILITY PERIOD

The contractor shall be responsible for the rectification of defects in the works for a period of twelve months from the date of taking over of the works by the Owner / Client. Any defects discovered and brought to the notice of the contractor forthwith shall be attended to and rectified by him at his own cost and expense. In case the contractor fails to carry out these rectifications, the same may without prejudice to any other right or remedy available, be got rectified by NPCC at the cost and expense of the contractor.

73.0 FORCE MAJEURE

Any delay in or failure of the performance of either party hereto shall not constitute default hereunder to give rise to any claims for damages, if any to the Extent such delay or failure of performance is caused by occurrences such as acts of God or the public enemy, expropriation, compliance with any order or request of Government authorities, **acts of war, rebellions, sabotage fire, floods, strikes, or riots (other than contractor's**

employees). Only extension of time shall be considered for Force Majeure conditions as accepted by NPCC. No adjustment in contract price shall be allowed for reasons of force majeure.

74.0 ARBITRATION - Deleted

75.1 JURIDICTION

The agreement shall be executed at Raipur on non-judicial stamp paper purchased in Raipur and the Courts at Raipur / Bilaspur alone will have jurisdiction to deal with matters arising there from, to the exclusion of all other courts.

76.0 SUSPENSION OF WORKS

(a) The contractor shall, on receipt of the order in writing of the Engineer-in-charge, suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-charge may consider necessary for any of the following reasons:

- i) On account of any default on part of the contractor, or
- ii) For proper execution of the works or part thereof for reason other than the default of the contractor, or
- iii) For safety of the works or part thereof.

The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-charge.

(b) If the suspension is ordered for reasons (ii) and (iii) in sub-para (a) above.

i) The contractor shall be entitled to an extension of the time equal to the period of every such suspension plus 25%. No adjustment of contract price will be allowed for reasons of such suspension.

ii) In the event of the Contractor treating the suspension as an abandonment of the Contract by NPCC, he shall have no claim to payment of any compensation on account of any profit or advantage which he may have derived from the execution of the work in full.

77.0 TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR

Without prejudice to any of the right or remedies under this contract if the contractor dies, the Engineer-in-charge shall have the option of terminating the contract without compensation to the contractor.

78.0 CLARIFICATION AFTER TENDER SUBMISSION

Tenderer's attention is drawn to the fact that during the period, the bids are under consideration, the bidders are advised to refrain from contacting by any means, the NPCC and/or his employees/ representatives on matters related to the bid under consideration and that if necessary, NPCC will obtain clarifications in writing or as may be necessary. Duly authorized Tender Scrutiny Committee does the tender evaluation and process of award of works and this committee is authorized to discuss and get clarification from the tenderers.

79.0 ADDENDA / CORRIGENDA

Addenda/Corrigenda to the tender documents may be issued prior to the date of opening of the tender to clarify or effect modification in specification and/or contract terms included in various tender documents. The tenderer shall suitably take into consideration such Addenda/Corrigenda while submitting his tender. The tenderer shall return such Addenda/ Corrigenda duly signed and stamped as confirmation of its receipt and submit along with the tender document. All addenda/ Corrigenda shall be signed and stamped on each page by the tenderer and shall become part of the tender and contract documents.

80.0 QUALITY ASSURANCE PROGRAMME

To ensure that the services under the scope of this contract are in accordance with the specifications, the Contractor shall adopt Quality Assurance Programme to control such activities at the necessary points. The contractor shall prepare and finalise such Quality Assurance Programme within 15 days from letter of intent. NPCC shall also carryout quality audit **and quality surveillance of systems and procedures of Contractor's quality** control activities. A Quality Assurance Programme of Contractor shall generally cover the following:

- a) His organization structure for the management and implementation of the proposed Quality Assurance Program.
- b) Documentation control system.
- c) The procedure for purpose of materials and source inspection.
- d) System for site controls including process controls.
- e) Control of non-conforming items and systems for corrective actions.
- f) Inspection and test procedure for site activities.
- g) System for indication and appraisal of inspection status.
- h) System for maintenance of records.
- i) System for handling, storage and delivery.

j) A quality plan detailing out quality practices and procedures, relevant standards and acceptance levels for all types of work under the scope of this contract. The Contractors in the formats appended hereto shall submit all the quality reports. Checklist enclosed here in this document shall be followed while carrying out construction activities (Items). If any item is not covered by the Checklist/ Formats appended hereto, the Format for the same may be developed and submitted to Engineer-in-Charge for approval and the same shall be adopted. These filled in formats shall be prepared in two copies and duly signed by representatives of contractor and NPCC. All the costs associate with Printing of Formats and testing of materials required as per technical specifications or by Engineer-in-charge shall be **included in the Contractor's quoted rates in the Schedule/ Bill of quantities.**

81.0 APPROVAL OF TEMPORARY / ENABLING WORKS

The setting and nature of all offices, huts, access road to the work areas, and all other temporary works as may be required for the proper execution of the works shall be subject to the approval of the Engineer-in-charge.

All the equipment's, labour, material including cement, reinforcement and the structural steel required for the enabling/ temporary works associated with the entire Contract shall have to be arranged by the Contractor only. Nothing extra shall be paid to the Contractor on this account and the Item rates quoted by the Contractor for various items in the Bill of Quantities shall be deemed to include the cost of enabling works.

82.0 CONTRACT COORDINATION PROCEDURES, COORDINATION MEETINGS AND PROGRESS REPORTING

The Contractor shall prepare and finalize in consultation with NPCC, a detailed contract coordination procedure within 15 days from the date of issue of Letter of Intent for the purpose of execution of the Contract.

The Contractor shall have to attend all the meetings at any place in India at his own cost with NPCC, Owners/ Clients or Consultants of NPCC/ Owner/ Client during the currency of the Contract, as and when required and fully cooperate with such personal and agencies involved during these discussions. The Contractor shall not deal in any way directly with the Clients/ Owners or Consultants of NPCC/ Owner/ Clients and any dealing/ correspondence if required at any time with Clients/ Owners/ Consultants shall be through NPCC only.

During the execution of the work, Contractor shall submit at his own cost a detailed Monthly progress report to the Engineer-in-charge of NPCC by 5th of every month. The format of monthly progress report shall be as approved by Engineer-in-Charge of NPCC.

83.0 CONTRACT AGREEMENT

The Contractor shall enter into a Contract Agreement with the NPCC within 20 days from the date of receipt of Letter of Intent or within such extended time, as may be granted by the NPCC. The cost of stamp papers, stamp duty, registration, if applicable on the

contract, shall be borne by the Contractor. In case, the contractor does not sign the agreement as above or start the work within 10 days of the receipt of letter of intent, his earnest money is liable to be forfeited and letter of intent consequently will stand withdrawn.

84.0 MANNER OF EXECUTION OF AGREEMENT

i. The agreement as per prescribed Proforma as enclosed to the Special Conditions of Contract shall be signed at the office of the NPCC within 20 days from the date of receipt of Letter of Intent. The Contractor shall produce for signing of the Contract, appropriate Power of Attorney and the requisite documents/materials. Unless and until a formal contract is prepared and executed, the Letter of Intent read in conjunction with the Bidding Documents will constitute a binding contract.

ii. The agreement will be signed in five originals and the Contractor shall be provided with one signed original and the other four originals will be retained by the NPCC.

iii. The Contractor shall provide free of cost to the NPCC all the Engineering data, drawings and descriptive materials submitted along with the bid, in at least three (3) copies to form an integral part of the Agreement within seven (7) days from the date of receipt of Letter of Intent.

iv. Subsequent to signing of the Agreement, the Contractor at his own cost shall provide to the NPCC with at least five (5) true hard bound copies of Agreement within thirty (30) days of its signing.

85.0 PURCHASE PREFERENCE TO PUBLIC SECTOR ENTERPRISES

NPCC reserves its right to extend Purchase Preference to Central Public Sector Enterprises (CPSEs) as per policy of Government of India, if any, as applicable on this work. The tenderers are requested to go through latest instructions of Government of India on its preference policy for CPSUs before quoting for the tender.

86.0 CHANGE IN FIRM'S CONSTITUTION TO BE INTIMATED

Where the contractor is a partnership firm, the previous approval in writing of the Engineer-in-Charge 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 hereby 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 59.1 hereof and NPCC shall be entitled to take action under Clause 72.2 (xi).

LABOUR SAFETY PROVISION

The contractor shall be fully responsible to observe the labour safety provisions.

SAFETY PROCEDURE

1. While the Indian Electricity Rules 1956, as amended upto date, are to be followed in their entirety, particular attention is drawn to the various clauses indicated in Appendix 'C'. Any installation or portion of installation, which does not comply with these rules, should be got rectified immediately.

2. The detailed instructions on safety procedures given in B.I.S. Code No. 5216-1982 "Code of Safety Procedures and Practices in Electrical Works" shall be strictly followed.

3 a) Schematic diagram It shall be responsibility of the JE (E)/AE (E) to ensure that for each building, a comprehensive schematic diagram is prepared starting from the main board upto the final DBs. All such boards are to be duly marked and numbered. Similarly, for each campus consisting of substation/substations and a number of buildings, a comprehensive power distribution schematic diagram for the entire campus shall be prepared. Based on additions/alterations such diagrams should be updated from time to time.

b) Keep premises clean Premises like substations, switch rooms, pump house, generating rooms etc. shall be kept clean. Such premises should not be used to store broken furniture, dismantled materials, waste material, parking boxes etc.

c) Keep all electrical shafts clean and locked such shafts should not be used for dumping floor malwa etc.

d) Protected premises

All premises like substation, pump house etc. to be maintained as protected area, admission allowed to authorize persons only.

e) Also, the frontage of such areas shall be kept free and parking etc. in front shall not be allowed.

4. No inflammable materials shall be stored in places other than the rooms specially constructed for this purpose in accordance with the provisions of Indian Explosives Act.

5. Rubber or insulating mats should be provided in front of the main switchboards or any **other control equipment's of medium voltage and above.**

6. Protective and safety equipment's such as rubber gauntlets or gloves, earthing rods, linemen's belt, portable artificial respiration apparatus etc. should be provided in each sub-station, service center/enquiry office and important installations. Where electric welding or such other nature of work is undertaken, goggles shall also be provided.

7. Necessary number of caution boards such as "Man on Line, Don't switch on" should be readily available in each sub-station, enquiry office and important installations.
8. Standard first aid boxes containing materials as prescribed by the St. John Ambulance Brigade or Indian Red Cross should be provided in each sub-station, enquiry office and important installations and should be readily available.
9. Periodical examination of the first aid facilities and **protective and safety equipment's** provided at the various installations shall be undertaken for their adequacy and effectiveness and a proper record shall be maintained.
10. Charts (One in English and another one in the regional language) displaying methods of giving artificial respiration to a recipient of electrical shock should be prominently displayed at appropriate places.
11. A Chart containing the names, addresses and telephone numbers of nearest authorized medical practitioners, hospitals, fire brigade and also of the officers in executive charge shall be displayed prominently along with the First Aid Box.
12. Executive Engineers should take immediate steps to train supervisory and authorized persons of the Engineering staff viz. A.Es., J.Es, Head Electricians, Foremen, Electricians and Wiremen in the First Aid Practices, including various methods of artificial respiration with the help of local authorities such as Fire Brigade, St. John Ambulance Brigade, Indian Red Cross or other recognized institutions equipped to impart such training, as prompt rendering of artificial respiration can save life at times of electric shock.
13. All new recruits should be given such First Aid Training immediately after appointment.
14. All Supervisory and authorized persons of the Engineering staff should be deputed for refresher course in First Aid Training after every two years.
15. Details of preventive maintenance to be undertaken shall be in accordance with the chapter 14 of these specifications. All preventive maintenance works shall be preplanned as far as possible and names of persons who are assigned to this work should be entered in a logbook.
16. Electrical wiring and control switches should be periodically inspected and any defective wiring, broken parts of switches which will expose live parts, should be replaced immediately to make the installations safe for the user.
17. Reports indicating details of preventive maintenance works done should be kept in a register by each Engineer and should bear signatures of Assistant Manager and Project Manager by way of checks.
18. No work shall be undertaken on live installations, or on installations, which could be energized unless another person is present to immediately isolate the electric supply in case of any accident and to render first aid, if necessary.

19. No work of live L.T. switch board in the sub-stations should be handled by a person below the rank of a Wireman and such a work should preferably be done in the presence of the Astt Manager (E) in charge of the work.
20. When working on or near live installations, suitably insulated tools should be used, and special care should be taken to see that those tools accidentally do not drop on live terminals causing shock or dead short.
21. The electrical switchgears and distribution boards should be clearly marked to indicate the areas being controlled by them.
22. Before starting any work on the existing installation, it should be ensured that the electric supply to that portion in which the work is undertaken is preferably cut off. Precautions like displaying "Men at Work" caution boards on the controlling switches, removing fuse carrier from these switches, and these fuse carriers being kept with the person working on the installation, etc. should be taken against accidental energisation. "Permit to Work" should be obtained from the Engineer-in Charge. No work on H.T. main should be undertaken unless it is made dead and discharged to earth with an earthing lead of appropriate size. The discharge operation shall be repeated several times and the installation connected to earth positively before any work is started.
23. Before energizing on an installation after the work is completed, it should be ensured that all tools have been removed and accounted, no person is present inside any enclosure of the switch board etc. any earthing connection made for doing the work has been removed, "Permit to Work" is received back duly signed by the person to whom it was issued in token of having completed the work and the installation being ready for re-energising and "Men at Work" caution boards removed.
24. In case of electrical accidents and shock, the electrical installation on which the accident occurred should be switched off immediately and the affected person should be immediately removed from the live installation by pulling him with the help of his coat, shirt, wooden rod, broom handle or with any other dry cloth or paper. He should be removed from the place of accident to a nearby safe place and artificial respiration continuously given as contained in B.I.S. Code and Standard prescribed by St. John Ambulance Brigade or Fire Brigade.
25. While artificial respiration on the affected person is started immediately, help of Fire Brigade and Medical Practitioner should be called for and artificial respiration should be continued uninterrupted until such help arrives.
26. These instructions should be explained in Hindi/local language to those staff that does not understand English.
27. Executive Engineers should take particular care to ensure that these instructions are imparted to the existing staff and as well as to the new entrants

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

1.0 APPLICATION

These rules shall apply to all building and construction works in which 20 (twenty) or more workers are ordinarily employed or are proposed to be employed in any day during the period during which the contractor work is in progress.

2.0 DEFINITION

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

3.0 FIRST-AID FACILITIES

3.1 At every work place first aid facilities 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 per 150 contract labour or part thereof ordinarily employed.

3.2 The First-Aid boxes shall be distinctly marked with a red cross on white ground and shall **contain the following equipment's:** -

3.2.1

a) For work places in which number of contract labour employed does not exceed 50, each First-Aid box shall contain the following equipment's:

i) 6 small sterilized dressings.

ii) 3 medium size sterilized dressings.

iii) large size sterilized dressings.

iv) 3 large sterilized burn dressings.

v) 1 (30 ml) bottle containing a two percent alcoholic solution of iodine.

vi) 1(30 ml) bottle containing Sal volatile having the dose and mode of administration indicated on the label.

vii) 1 snakebite lancet.

viii) (30 gms) bottle of potassium permanganate crystals.

ix) 1 pair of scissors.

x) 1 copy of the First-Aid leaf-let issued by the Director General, Factory Advise Service & Labour Institutes, Government of India.

- xi) 1 bottle containing 100 tablets (each of 5 grams) of aspirin.
- xii) Ointment for burns.
- xiii) A bottle of suitable surgical antiseptic solution.

3.2.2 For work places in which the number of contract labour exceed 50. Each First-Aid box **shall contain the following equipment's:**

- i) 12 small sterilized dressings.
- ii) 6 medium size sterilized dressings.
- iii) 6 large size sterilized dressings.
- iv) 6 large size sterilized burn dressings.
- v) 6 (15 gms) packet sterilized cotton wool.
- vi) 1 (60 ml.) bottle containing a two percent iodine alcoholic solution.
- vii) 1 (60 ml.) bottle containing salvolatile having the dose and mode of administration indicated on the label.
- viii) 1 roll of adhesive plaster.
- ix) 1 snake – bite lancet.
- x) 1 (30 gms.) bottle of potassium permanganate crystals.
- xi) 1 pair of scissors.
- xii) 1 copy of the First-Aid leaf-let issued by the Director General, Factory Advice Service and Labour Institutes, Government of India.
- xiii) A bottle containing 100 tablets (each of 5 grams) of aspirin.
- xiv) Ointment for burns.
- xv) A bottle of suitable surgical antiseptic solution.

3.3 Adequate arrangements shall be made for immediate recoupment of the equipment when necessary.

3.4 Nothing except the prescribed contents shall be kept in the First Aid box.

3.5 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.

- 3.6 A person in charge of the First-Aid box shall be a person trained in First-Aid treatment, in work places where the number of labour employed is 150 or more.
- 3.7 In work places where the number of labour employed is 500 or more and hospital facilities are not available within easy distance of the works, first-Aid Posts shall be established and run by a trained Compounder. The Compounder shall be on duty and shall be available at all hours when the workers are at work.
- 3.8 Where work places are situated in places, which are not towns or cities, a suitable motor transport shall be kept readily available to carry injured person or persons suddenly taken ill to the nearest hospital.
- 4.0 DRINKING WATER
- 4.1 In every work place, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of cold water fit for drinking.
- 4.2 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.
- 4.3 Every water supply of storage shall be at a distance of not less than 50 feet from any latrines 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 water-proof.
- 4.4 A reliable pump shall be fitted to each covered well, trap-door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.
- 5.0 WASHING FACILITIES
- 5.1 In every work place adequate and suitable facilities for washing shall be provided and maintained for the use of labour employed herein.
- 5.2 Separate and adequate screening facilities shall be provided for the use of male and female workers.
- 5.3 Such facilities shall be conveniently accessible and shall be kept clean and hygienic condition.
- 6.0 LATRINES AND URINALS
- 6.1 Latrines shall be provided in every work place on the following scale, namely:
- Where females are employed there shall be at least one latrine for every 25 females.
 - Where males are employed, there shall be at least one latrine for every 25 males.

Provided that where the number of males or females exceeds 100, it shall be sufficient if there is one latrine for 25 males or females, as the case may be, up to the first 100, and one for every 50 thereafter.

- 6.2 Every latrine shall be under cover and so partitioned off as to secure privacy, and shall have a proper door and fastenings.
- 6.3 Construction of Latrines: The inside walls shall be constructed of masonry or some suitable heat resisting non-absorbent materials and shall be cement washed inside and outside at least once a year. Latrine shall not be a standard lower than borehole system.
- 6.4
- (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 case may be.**
- (b) The notice shall also bear the figure of man or of women, as the case may be.
- 6.5 There shall be at least one urinal for male workers up to 50 and one for female workers up to 50 employed at a time. Provided that where the number of male or female workmen, as the case may be, exceeds 50, it shall be sufficient if there is one urinal for every 50 males or females up to the first 50 and one for every 100 or part thereof, thereafter.
- 6.6
- a) The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times.
- b) Latrines and urinals other than those connected with a flush sewerage system shall comply with the requirements of the Public Health Authorities.
- 6.7 Water shall be provided by means of a tap or otherwise so as to be conveniently accessible in or near the latrines and urinals.
- 6.8 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. Alternatively excreta may be disposed off 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 for refuse and then covering it with a layer of earth for fortnight (when it will turn into manure).
- 6.9 The Contractor shall, at his own expense, carry out all instruction issued to him by the Engineer-in-Charge 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 work on his behalf.

7.0 PROVISION OF SHELTER DURING REST

At every place there shall be provided, free of cost four suitable sheds, two for males and the other two for rest separately for the use of man and women labour. The height of each shelter shall not be less than 3 meters from the floor level to the lowest part of the roof. These shall be kept clean and the space provided shall be on the basis of 0.6 sqm.Per head, provided that the Engineer-in-Charges may permit, subject to his satisfaction, a portion of the building under construction or other alternative accommodation to be used for the purpose.

8.0 CRECHES

8.1 At every work place, at which 20 or more women workers 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 playroom for the children and the other as their bedrooms.

The rooms shall be constructed on standard not lower than the following:

i) Thatched roof

ii) Mud floor and walls.

iii) Planks spread over the mud floor and covered with matting

8.2 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.

8.3 The Contractor shall supply adequate number of toys and games in the playroom and sufficient number of cots and beddings in the bedroom.

8.4 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 exceeds 50.

8.5 The use of the rooms/earmarked as crèche shall be restricted to children, their attendant and mother of the children.

9.0 CANTEENS

9.1 In every work place where the work regarding the employment of contract labour is likely to continue for six months and wherein contract labour numbering one hundred or more are ordinarily employed, an adequate canteen shall be provided by the Contractor for the use of such labour.

9.2 The canteen shall be maintained by the Contractor in an efficient manner.

9.3 The canteen shall consist of at least a dining hall, kitchen, storeroom, pantry and washing places separately for workers and utensils.

- 9.4 The canteen shall be sufficiently lighted at all times when any person has access to it.
- 9.5 The floor shall be made of smooth and impervious material and inside walls shall be lime washed or colour washed at least once in each year provided that the inside walls of the kitchen shall be lime-washed every four months.
- 9.6 The premises of the canteen shall be maintained in a clean and sanitary condition.
- 9.7 Waste Water shall be carried away in suitable covered drains and shall not be allowed to accumulate so as to cause a nuisance.
- 9.8 Suitable arrangements shall be made for the collection and disposal of garbage.
- 9.9 The dining hall shall accommodate at a time 30 persons of the labour working at time.
- 9.10 The floor area of the dining hall, excluding the area occupied by the service counter and any furniture except tables and chair shall not be less than one square meter per dinner to be accommodated.
- 9.11
- 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.
- 9.12 Sufficient tables, stool, chairs or benches shall be available for the number of dinners to be accommodated.
- 9.13.1
- a) There shall be provided and maintained sufficient utensils, crockery, furniture and any other equipment necessary for the efficient running of the canteen.
- b) The furniture, utensils and other equipment shall be maintained in a clean and hygienic condition.
- 9.13.2
- a) Suitable clean clothes for the employees serving in the canteen shall be provided and maintained.
- b) A service counter, if provided, shall have top of smooth and impervious material.
- c) Suitable facilities including an adequate supply of hot water shall be provided for the cleaning of utensils and equipment.
- 9.14 The foodstuffs and other items to be served in the canteen shall be in conformity with the normal habits of the labour.

- 9.15 The charge for foodstuffs, 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.**
- 9.16 In arriving at price of foodstuffs, and other articles 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 equipment provided for the canteen.
 - c) The cost of purchase, repair and replacement of equipment 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 and equipment provided for in the canteen.
- 9.17 The accounts pertaining to the canteen shall be audited once in every 12 months by registered accountants and auditors.

10.0 ANTI MALARIAL PRECAUTIONS

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

11.0 AMENDMENTS

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

CONTRACTOR'S LABOUR REGULATIONS

- 1.0 SHORT TITLE
These regulations may be called the **Contractor "Labour Regulations"**.
- 2.0 Definitions
- 2.1 **"Workman" means any person employed by the NPCC or its Contractor directly or indirectly through a sub-contractor, with or without the knowledge, of the NPCC to do any skilled, semi-skilled, un-skilled, 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 Rupees Two thousand Five hundred per person or exercises either by the nature of the duties attached to the office or by reason of powers vested to him, functions mainly of managerial nature.
 - c) Who is an outworker, that is to say, a person to whom any articles or materials are given out by or on behalf of the principal employer to be made up cleaned, washed, altered, ornamental finished, repaired, adopted or otherwise processed for sale for the purpose of the trade or business of the principal employer and the process is to be carried out either in the home of the out worker or in some other premises, not being premises under the control and management of the principal employer.
- 2.2 **"Fair Wages" means** wages whether for time or piecework fixed and notified under the provisions of the minimum Wages Act from time to time.
- 2.3 **"Contractor" shall include every person who undertake to produce** a given result other than a mere supply of goods or articles of manufacture through labour or who supplies labour for any work and includes a sub-contractor.
- 2.4 **"Wages" shall have the same meaning as defined in the Payment of Wages Act.**
- 2.4.1 Normally working hours of an adult employee should not exceed 9 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on any day.
 - 2.4.2 When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid overtime for the extra hours put in by him at double the ordinary rate of wages.
 - 2.4.3.1 Every worker shall be given a weekly holiday on a Sunday, in accordance with the provisions of the Minimum Wages (Central) Rules 1960 as amended from time to time, irrespective of whether such worker is governed by the Minimum Wages Act or not.

2.4.3.2 Whether 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 6 days.

2.4.3.3 here a contractor is permitted by the Engineer-in-Charge to allow a worker to work on a normal weekly holiday, he shall grant a substitute holiday to him for the whole day on one of the five days immediately before or after the normal weekly holidays and pay wages to such worker for the work performed on the normal weekly holiday at overtime rate.

3.0 DISPLAY OF NOTICE REGARDING-WAGES, ETC.

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

4.0 PAYMENT OF WAGES

4.1 The contractor shall fix wage periods in respect of which wages shall be payable.

4.2 No wage period shall exceed one month.

4.3 The wages of every person employed as labour in an establishment or by a contractor where less than one thousand, such persons are employed shall be paid before the expiry of the 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.

4.4 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.

4.5 All payments of wages shall be made on a working day at the work premises and during the working time and on a date notified in advance and in case the work is completed before the expiry of the wage period, final payment shall be made within 48 hours of the last working day.

4.6 Wages due to every worker shall be paid to him direct or to other person authorized by him in this behalf.

4.7 All wages shall be paid in current coin or currency or in both.

4.8 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.

- 4.9 A notice showing the wage period and the place and time of disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer-in-Charge under acknowledgment.
- 4.10 It shall be the duty of the contractor to ensure the disbursement of wages in the presence of the Engineer or any other authorized representatives of the Engineer-in-Charge who will be required to be present at the place and time of disbursement of wages by the contractor to workmen.
- 4.11 The contractor shall obtain from the Engineer or any other authorized representative of the Engineer-in-Charge as the case may be, a certificate under his signature at the end **of the entries in the "Register of Wages" or the "Wage-cum-Muster Roll" as the case may be in the following form:**

"Certified that the amount shown in column No..... has been paid to the workmen concerned in my presence on..... at"

5.0 FINES AND DEDUCTIONS, WHICH MAY BE MADE FROM WAGES

- 5.1 The wages of a worker shall be paid to him without any deduction of any kind except the following—
- Fines
 - 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.
 - Deduction for damage to or loss of goods expressly entrusted to the employed persons for custody, or from 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.
 - Deduction for recovery of advances or for adjustment of over payment of wages, advances granted shall be entered in a register.
 - Any other deduction, which the Central Government may from time to time allow.
- 5.2 No fines should be imposed on any workers in respect of such acts and omissions on his part as have been approved by the Chief Labour Commissioner.

NOTE: An approved list of Acts and Omissions for which fines can be imposed is enclosed at Appendix-I.

- 5.3 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.
- 5.4 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 Rupees of the total wages, payable to him in respect of that wage period.

- 5.5 No fine imposed on any worker shall be recovered from him in installment, or after the expiry of sixty days from the date on which it was imposed.
- 5.6 Every fine shall be deemed to have been imposed on the day of the act or omission in respect of which it was imposed.
- 6.0 LABOUR RECORDS
- 6.1 **The contractor shall maintain a "Register of persons employed" on work on contract** in form XIII of the CL (R&A) Central Rules 1971 (Appendix-B).
- 6.2 **The contractor shall maintain a "Muster Roll" register** in respect of all workmen employed by him on the work under contract in form XVI of the CL (R&A) Rules 1971 (Appendix-C).
- 6.3 **The contractor shall maintain a "Wage Register" in respect** of all workmen employed by him on the work in form (Appendix-D).
- 6.4 Register of accidents – The contractor shall maintain a register of accidents in such form as may be convenient at the work place but the same shall include the following particulars:
- a) Full particulars of the labourers who met with accident.
 - b) rate of wages
 - c) Sex
 - d) Age
 - e) Nature of accident and cause of accident.
 - f) Time and date of accident.
 - g) Date and time when he/she 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.

6.5 Register of Fines – The contractor shall maintain a **“Register of Fines”** in the form (Appendix-H).

The contractor shall display in a good condition and in a conspicuous place of work the approved list of Acts and Omission for which fines can be imposed (Appendix-I).

6.6 Register of Deductions-The contractor shall maintain a **“Register of Deductions”** for damage or loss in form (Appendix-J).

6.7 Register of Advances-The contractor shall maintain a **“Register of Advances”** in form (Appendix-K).

6.8 Register of Overtime-The contractor shall maintain a **“Register of Overtime”** in form (Appendix-L).

7.0 ATTENDANCE CARD-CUM WAGE SLIP:

7.1 The contractor shall issue an attendance card-cum-wage slip to each workman employed by him in the specimen form at (Appendix-E).

7.2 The card shall be valid for each wage period.

7.3 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.

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

7.5 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.

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

8.0 EMPLOYMENT CARD

The contractor shall issue an Employment Card in form to each worker within three days of the employment of the worker (Appendix-F).

9.0 SERVICE CERTIFICATE

On termination of employment for any reason whatsoever the contractor shall issue to the workman whose services have been terminated, a service certificate in form Appendix-G.

10.0 PRESERVATION OF LABOUR RECORDS

All records required to be maintained under Regulations Nos. 6 and 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 Engineer-in-Charge, Labour Officer.

11.0 POWER OF LABOUR OFFICERS TO MAKE INVESTIGATIONS INQUIRY

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

12.0 Inspection of Book 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 notice is received or to the Labour officer or any other person, authorized by the Central Government on his behalf.

13.0 Submission of Returns

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

14.0 Amendments

The NPCC may from to time, add or amend the regulations and on any question as to the application, interpretation or effect of these regulations the decision of the Zonal Manager concerned shall be final.

**Zonal Manager
Chhattisgarh Zone**

VOLUME-1

SCC

SPECIAL CONDITIONS OF CONTRACT (SCC)

FOR

3rd Call for Construction of STP, external Sewer line network at Indira Gandhi National Tribal University (IGNTU), at Amarkantak

GENERAL

The following special conditions shall be read in conjunction with General Conditions of contract, if there are any provisions in these Special Conditions, which are at variance with the provisions of General Conditions of Contract, the provisions in these special Conditions shall prevail.

- (1) The work in general shall be carried out as per CPWD specification updated with correction slips issued up to last date of submission of tender.
- (2) For items not covered under CPWD Specification, as above, the work shall be done as per latest relevant ISI / BIS Codes of practice.

1.0 INTRODUCTION

1.1 LOCATION/APPROACH TO SITE

The proposed site is in village 'Podaki' about 20 Km. from Amarkantak, District Anuppur in the state of Madhya Pradesh. Nearest Rail head is 'Pendra Road'. Distance of Amarkantak is about 220 Km. from Raipur and about 250 Km. from Jabalpur.

2.0 LETTER OF UNDERTAKING

The tender shall be accompanied by Letter of acceptance of tender conditions as per proforma given in this tender document.

- 3.0 Any tender not accompanied by Letter of acceptance in accordance with aforesaid provision of notice Inviting Tender and Instructions to Tenderer shall be rejected.
- 4.0 Once the Tenderer has given an unconditional acceptance to the tender conditions in its entirety, he is not permitted to put any remark(s) / conditions(s) (except unconditional rebate on price, if any) in / along with the tender.

5.0 SITE VISIT AND COLLECTING LOCAL INFORMATION

Before tendering, the tenderer is advised to visit the site, its surrounding, access and satisfy themselves about the local conditions such as approach roads to the site, availability of water & power supply, application of taxes, duties and levies as applicable, nature of ground, soil and sub-soil condition, underground water table level, accommodations they may require etc., river regime, river water levels, other details of river, streams & any other relevant information required by them to execute complete

scope of work. The tenderer may obtain all necessary information as to risks, contingencies & other circumstances (insurgencies etc.) which may influence or affect their tender. Tenderer shall be deemed to have considered site conditions whether he has inspected it or not and to have satisfied himself in all respect before quoting his rates and no claim or extra charges whatsoever in this regard shall be entertained / payable by the NPCC at a later date.

6.0 **SALES TAX ON WORKS CONTRACT & TURNOVER TAX ETC.**

AS per GCC conditions

7.0 **TRANSFER OF BID DOCUMENTS**

Transfer of bid documents purchased by one intending bidder to another is not permissible.

8.0 The NPCC reserves the right to award the work to a single party or to split the work amongst two or more parties as deemed necessary without assigning any reason whatsoever.

9.0 **NO ESCALATION PAYMENT / PRICE VARIATION ADJUSTMENT**

The rates quoted by the contractor shall be firm and fixed for entire contract period as well as extended period for completion of works. All rates as per bill of quantities (BOQ) shall be firm & fixed for entire contract period as well as for extended period for completion of the project. No claim on account of any price variation / Escalation on whatsoever ground shall be entertained at any stage of works.

10.0 The rates and prices to be tendered in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, **maintenance, contractor's profit and establishment / overheads, together** with preparation of designs drawings pertaining to casting yard (if required). Staging from work, stacking yard, etc, all general risk, taxes, royalty, duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.

11.0 The materials products used on the works shall be one of the approved **makes / brands** out of list of manufacturers / brands / makes given in the tender documents. The contractor shall submit samples /specimens out of approved makes of materials /products to the engineer in charge for prior approval. In exceptional circumstances engineer in charge may allow alternate equivalent makes / brands of products / materials at his sole discretion. The final choice of brand / make shall remain with the engineer in charge, whose decision in the matter shall be final and binding and nothing extra on this account shall be payable to the contractor. Incase single brand / make are mentioned, other equivalent makes brands may be considered by the engineer in charge with prior approval **.Incuse of variance in CPWD's** specification from approved products makes specification the specification of approved products make shall prevail for which nothing shall be paid extra to the contractor

12.0 As soon as possible after the contract is concluded the contractor should submit a time and progress chart and get it approved by the NPCC. The chart shall be prepared in direct relation to the time stated in the contract documents for completion of items of works. It shall indicate the forecast of the dates of commencement and completion of various trades of section of the work and may be amended as may be necessary by agreement between the parties.

13.0 AMENITIES TO BE PROVIDED BY CONTRACTOR TO NPCC

On acceptance of the tender, the contractor at his cost will provide immediately the following amenities exclusively for the effective inspections of their work by Engineer-in-charge and other staff of NPCC who will be connected with the project. Further to monitor at C.O. / Z.O. and Liaison with Owner at Nodal Office level.

The details for the same are mentioned below for each package. The contractor shall not be entitled for any extra payment for the same:

S.No.	Description	Unit	Estimated cost of each packages put to tender (Rs. in Crores)			
			Rs. 2.0 to 8.0	Above Rs. 8.0 to 12.0	Above Rs. 12.0 to 25.0	Additional for every additional 25 crores & part there of above 25 crores.
(A)	ACCOMMODATION		Rs. 2.0 to 8.0	Above Rs. 8.0 to 12.0	Above Rs. 12.0 to 25.0	Additional for every additional 25 crores & part there of above 25 crores.
	Furnished office / transit camp of one or more locations as per direction of Engineer-in-Charge/Zonal Manager with basic amenities like Toilets, Drinking water arrangement, lights etc. for NPCC, Engineer & Staff and maintenance of it till Defect liability period.	Sq. ft.	As required	1000	1500	600
	Non compliance of ABOVE (A) clause recovery will be made from Bills		As per actual	As per actual	As per actual	As per actual
(B)	FURNITURE					
	(i)Office tables (secretariat)	Nos.	-	-	1	1
	(ii)Office tables (half secretariat)	Nos.	-	5	7	1
	(iii) Executive Chairs	Nos.	-	-	1	1
	(iv)Chairs (steel armed)	Nos.	-	12	15	3

	(v)Steel Almirah	Nos.	-	3	4	2
	Non compliance of ABOVE (B) clause recovery will be made from Bills.		As per actual	As per actual	As per actual	As per actual
(C)	OFFICE EQUIPMENT					
	(i) Fax machine	No.	-	1	1	1
	(ii) Computer (Pantium-IV.Office Edition) with minimum 160 GB HDD along with UPS, Latest Version of Software like Auto Cad. MS Project, Windows, MS Office etc. with Internet connection (Broadband/USB Internet)	No	-	1	2 (Desk Top) + 1 (laptop)	1 (Desk Top) + 1 (laptop)
	(iii) Laser or any other printer (Colour) .	No.	-	1	1	1
	(iv) Color Television with cable Connection and Refrigerator (200Ltr) or any other gadget of equivalent cost as decided by Engineer-in-Charge/Zonal Manager.	No.	-	1	1	1
	(v) Water Purifier (R.O.type) (drinking water) or any other gadget of equivalent cost as decided by Engineer-in-Charge/Zonal Manager.	No.		1	1	1
	(vi)Photocopy machine or any other gadget of equivalent cost as decided by Engineer-in-Charge/Zonal Manager.	No.	-	1 or out source	1 (min. output reg.15 copy per min.)	1 (min. output reg.15 copy per min.)
	Non compliance of ABOVE (C) clause recovery will be made from Bills.	-	As per actual	As per actual	As per actual	As per actual
(D)	CONSUMABLES					
	All consumables like Stationery, ink etc. shall be provided by contractor till end of defect liability period. Amount to be restricted to.	Rs. per month	500/-	1200/-	2500/-	1000/-
(E)	TELEPHONE WITH STD FACILITY					
	a)Basic (Land line) Phone with connection		-	-	1	1
	b) Mobile phones with SIM		1	1	2	2

	Monthly expenditure on account of this shall be restricted to	Rs. per month	-	2000/-	3000/-	1000/-
(F)	VEHICLES					
	Good Condition vehicle minimum 2200 CC with Driver.	No.	Hired as & when required	1	1	1
	Monthly running shall be restricted to	KM/ per vehicle	1500	3000	4000	1000
	Non compliance of ABOVE (F) clause recovery will be made from Bills.	Rs. per month	15000/-	30000/-	40000/-	10000/-
(G)	ATTENDENT	Nos.	1	1	2	1
	Non compliance of ABOVE (G) clause recovery will be made from Bills.	Rs. per month	20000/-	20000/-	40000/-	20000/-
Note:	<p>1. The vehicles shall be in very good condition and the model of with in the year or new. The make and model of vehicle shall be selected by the Project Manager / Engineer - in - charge. The vehicle shall be maintained in good condition through out the period. The vehicle (s) must have comprehensive Insurance.</p> <p>2. Above amenities are to be provided by the contractor within 10 days of issue of Letter of Award / Intent at the place(s) as directed by Zonal Manager / Project Manager / Engineer-in-charge.</p> <p>3. All the above Items except the consumables shall be the property of the Contractor after the defect liability period of the project and settlement & payment of final bill, which ever is later.</p>					

All the above amenities shall be provided and maintained properly (including payment of water, electricity, & telephone bills etc.) by the contractor at site or any other offices related with the execution of the work till defect liability period of the project and settlement & payment of final bill, which ever is later. The Contractor shall be responsible for watch and ward of vehicles and other amenities etc. In case of theft/damage, the contractor shall immediately replace the same within a maximum period of two days with the vehicle / facility. In case, the above amenities are not provided by the contractor within ten days of the award of the work NPCC shall arrange the same at risk and cost of the contractor and make the recoveries from the bills proportionately. The decision of the Engineer-in-Charge shall be final and binding on the contractors.

- 14.0 The contractor if required shall demolish old structures on the proposed site properly. The useful material shall be the property of the owner / NPCC and these materials shall be stacked in workmanship like at the place specified by the Engineer-in-Charge.
- 15.0 The contractor shall provide safety equipment and gadgets to all their workers, supervisors and technical staff engaged in the execution of the work while working. The equipment and gadgets shall also be provided to NPCC by the contractor at his own cost for use of NPCC officials and / or workforce.

- The cost of the above **equipment's** / gadgets shall be included in the rates quoted by the contractor for the items & works as per bill of Quantities and contractor shall not be entitled for any extra cost in this regard. The above norm is to be strictly complied with at site. In case the contractor is found to be deficient in providing safety equipment/ gadgets in opinion of engineer- in - charge, the engineer in charge at his option can procure the same at the risk & cost of contractor and provide the same for the use at work site and shall make the recoveries from the bills of the contractor for the same. The decision of the engineer -in -charge shall be final and binding on contractor in this regard.
- 16.0 The tenderer shall quote his rates inclusive of turnover tax/ sales tax on works and service tax, Labour Cess payable to Central/State Government along with other taxes, duties, levies etc. in conjunction with other terms and conditions.
 - 17.0 If required, the contractor has to do site clearance, enabling work, barricading, shifting / realignment of existing utility services etc at his own cost and the contractor shall not be entitled for any extra payment whatsoever in this regard.
 - 18.0 In case of any sort of anomalies and/or typing error in the nomenclature, rates, & Description etc. of the items indicated in the Price bid / BOQ of scheduled items must be read as per respective schedule such as DSR-2007 re-print in 2010.
 - 19.0 The rates of any Non scheduled item given in more than one package of Price bid/BOQ, the lowest rate shall be the final & binding irrespective of the quoted rates in any of the packages.
 - 20.0 Contractor has to submit a Construction programme within 10 days of issue of LOA / LOI.
 - 21.0 Unless otherwise provided in the schedule of quantity, rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads, & depths of the building and nothing extra shall be paid to him on this account.
 - 22.0 All drawings shall at all times be properly correlated before executing any work. However, in case of any discrepancy in the item given in the schedule of the quantities appended with the tender and architectural drawings relating to relevant item, the former shall prevail unless and otherwise given in writing by the engineer in charge.
 - 23.0 The contractor shall be required to produce samples of all building materials and fittings sufficiently in advance to obtain approval of the Engineer-in charge.
 - 24.0 The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.

- 25.0 The rate of all items in which use of cement is involved inclusive of all charges for curing.
- 26.0 **MODE OF PAYMENT
AS per GCC conditions**
- 27.0 The rate quoted by the contractor shall be deemed to be inclusive of Sales Tax, Turnover Tax on works contract, service tax, Labour cess or any other similar tax as per the laws applicable in the State.
- 28.0 The stamp duty if any on the contract agreement levied by the Government or any other statutory body shall be paid by the contractor.

Zonal Manager

VOLUME-1

FORMS

LABOUR BOARD

S. No.	Description	
1.	Name of work	
2.	Name of Contractor	
3.	Address of Contractor	
4.	Name and Address of Unit	
5.	Name of Labour Enforcement Officer	
6.	Address of Labour Enforcement Officer	
7.	Date:	

S. No	Category	Minimum Wages fixed	Actual Wages fixed	Numbers present	Remarks

Weekly Holiday	
Wage Period	
Date of Payment of wages	
Working hours	
Rest interval	

FORM 13
See rule 75

REGISTER OF WORKMEN EMPLOYED BY CONTRACTOR

Sl.No.	Description	
	Name and Address of Contractor	
	Name and Address of Establishment in/ under which contract is carried on	
	Nature and location of work	
	Name & Address of Principal Employer	
1.	Sl. No.	
2.	Name and surname of workman	
3.	Age & sex	
4.	Father's/ Husbands Name	
5.	Nature of employment / designation	
6.	Permanent home address of the workman (village and Taluk and District)	
7.	Local address	
8.	Date of commencement of employment	
9.	Signature or thumb impressions of the workman	
10.	Date of termination of employment	
11.	Reasons for termination	
12.	Remarks	

FORM XVI

(See Rule 78(2) (193)

MUSTER ROLL

SL.No.	Description	
	Name and address of contractor	
	Name and address of establishment in/under	
	which contract is carried on	
	Nature and location of work	
	Name and Address of Principal Employer	
	For the month / fortnight	
1.	S. No.	
2.	Name of the workman	
3.	Sex	
4.	Father's/Husband's Name	
5.	Dates (1, 2, 3, 4, 5, -----12, 13, 14, 15)	
6.	Remarks	

FORM XVII

[See Rule 78(2) (03)]

REGISTER OF WAGES

	Name and address of contractor	
	Name and address of establishment in/under which contract is carried on	
	Nature and location of work	
	Name and Address of Principal Employer	
	Wage period: per month/ fortnightly	
1	Sl. No.	
2	Name of Workman	
3	Serial No. in the register of workman	
4	Designation /nature of work done	
5	Nos. of days worked	
6	Units of work done	
7	Daily rate of wages/ piece rate	
8	Basic rate of Wages	
9	Dearness allowance	
10	Overtime	
11	Other cash payments (Nature of payments to be indicated)	
12	Total	
13	Deduction if any (indicate nature)	
14	Net amount paid	
15	15. Signature thumb impression of the workman	
16	Initials of contractor or his representatives	16.

FORM XIX

[SEE RULE 78 (2) (B)]

W A G E S L I P

	Name and address of contractor	
	Name and Father's/Husband's Name of workman	
	Nature and location of work	
	For the Week/Fortnight/Month ending	
1	No. of days worked	
2	No. of Units worked in case of piece rate works	
3	Rate of daily wages/piece rate	
4	Amount of overtime wages	
5	Gross wages payable	
6	Deductions if any	
7	Net amount of wages paid	
	Sign of the Contractor	
	Received the sum of Rs.-----	
	towards my wages for the above period.	

Sign.of workman: -----

WAGE CARD

Wage Card No. &	Date of Issue
	Month/Fortnight
Name and address of Contractor	
Nature of work with location	Designation
Name of workman	

Rate of Wages

Dates	Morning	Evening	Rate	Amount	Initials
1	2	3	4	5	6

Received from the sum of Rs. on account of my wagon.

Signature

The wage card is valid for one month from the date of issue.

FORM XIV

(See Rule 76)

EMPLOYMENT CARD

Sl.No.	Description	
	Name and address of contractor	
	Name and address of establishment under which the contract is carried out	
	Nature and location of work	
	Name and address of Principal Employer	
1	Name of the workman	
2	Sl.No in the register of workman employed	
3	Nature of Employment/Designation	
4	Wage rate (with particulars of unit in case of piece work)	
5	Wage Period	
6	Tenure of employment	
7	Remarks	

Signature of Contractor

Form XV

(See Rule 77)

SERVICE CERTIFICATE

Name and address of contractor

Nature and location of work	
Name and address of workman	
Age or date of birth	
Identification Marks	
Father's/Husband's Name	
Name and address of establishment in/under which contract is carried on	
Name and address of Principal Employer	
Total period of which employed	

S. No.	From	To	Nature of work	Rate of wages	Remarks

with particulars of unit
in case of piece work)

Signature



**Form Xii
(D)]**

Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

**Appendix – 'I'
[See Rule 78 (2)]**

REGISTER OF FINES

Name and address of contractor	
Name and address of establishment in/ under which contract is carried on	
Nature and location of work	
Name and address of workman	
Name and address of Principal Employer	

SNo.	Name of Workman	Father's / Husband Name	Designation/nature of employment	Act/Omission	Date of offence for which fine imposed
1	2	3	4	5	7

8	Whether workman showed causes against fine	
9	Name of person in whose presence employees explanation was heard	
10	Wages period and wages payable	
11	Amount of fine imposed	
12	Date on which fine realized	
13	Remarks	

Appendix – 'J'

LIST OF ACTS AND OMISSIONS FOR WHICH FINES CAN BE IMPOSED

In accordance with rule of Labour Regulations, to be displayed prominently at the site of work both in English and local language.

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

Appendix – 'K'

Form XX

[See Rule 78 (2) (D)]

REGISTER OF DEDUCTIONS FOR DAMAGES OR LOSS

	Name and address of contractor	
	Name and address of establishment in/ under which contract is carried on	
	Nature and location of work	
	Name and address of Principal Employer	
1	S. No.	
2	Name of workman	
3	Father's/Husband's Name	
4	Designation/nature of employment	
5	Particulars of damage or loss	
6	Date of damage/loss	
7	Date of recovery	
8	Whether workman showed cause against deductions	
9	Name of person in whose presence employees explanation was heard	
10	Amount of deduction Imposed	
11	No. of installment	
12	First Installment Last Installment	
13	Remarks	

Form XXII

[See Rule 78(2)]

REGISTER OF ADVANCES

	Name and address of contractor	
	Name and address of establishment in/ under which contract is carried on	
	Nature and location of work	
	Name and address of Principal Employer	
1	S. No.	
2	Name of workman	
3	Father's/Husband's Name	
4	Designation/nature of employment	
5	Wages period and wages payable	
6	Date and amount of advance given	
7	Purpose / for which advance made	
8	No. of installments by which advance is to be paid	
9	Date and amount of each installment repaid	
10	Date on which last installment was repaid	
11	Remarks	

Form XXIII

[See Rule 78(2) (E)]

REGISTER OF OVERTIME

	Name and address of contractor	
	Name and address of establishment in/ under which contract is carried on	
	Nature and location of work	
	Name and address of Principal Employer	
1	S. No.	
2	Name of workman	
3	Father's/Husband's	
4	Sex	
5	Designation/nature of employment	
6	Date on which overtime worked	
7	Total overtime worked or production in case of piece rated	
8	Normal rate of wages	
9	Overtime rate of wages	
10	Overtime earning	
11	Rate on which overtime wages paid	
12	Remarks	

LIST OF APPROVED BANKS

Nationalized Banks:

The BGs shall be accepted from all Nationalized Banks, and in addition, these can also be accepted from the Scheduled Private Banks as detailed below:

Scheduled Private Sector Banks:

- ING Vysya Bank Ltd
- Axis Bank Ltd
- ICICI Bank Ltd
- HDFC Bank Ltd
- IDBI Bank Ltd

APPLICATION FOR EXTENSION OF TIME

(To be completed by the Contractor)

P A R T –I

1. Name of Contractor
2. Name of the work as given in the Agreement
3. Agreement No.
4. Estimated amount put to tender
5. Date of commencement work as per agreement
6. Period allowed for completion of work as per agreement
7. Date of completion stipulated as per agreement
8. Period for which extension of time has been given previously

Extension granted

- a) First extension vide Engineer-in- charge **letter No... ..date Months Days**
- b) 3rd extension vide Engineer-in- charge **letter No..... date Months Days**
- c) 3rd extension vide Engineer-in- charge **letter No..... date Months Days**
- d) 4th extension vide engineer-in- charge **letter No..... date Months Days**

Total extension previously given

9. Reasons for which extension have been previously given (copies of the previous application should be attached)

10. Period for which extension is applied for :

11. Hindrances on account of which extension is applied for with dates on which hindrances occurred, and the period for which these are likely to last.

- a) Serial No.
- b) Nature of hindrance
- c) Date of Occurrence
- d) Period for which it is likely to last
- e) Period for which extension required for this particular hindrance.
- f) Over lapping period, if any, with reference to item



g) Net extension applied for

h) Remarks, if any

Total period for which extension is now applied for on account of

hindrances mentioned above Month/ days.

12. Extension of time required for extra work.

13. Details of extra work and on the amount involved:

a) Total value of extra work

b) Proportionate period of extension of time based on estimated amount put to tender on account of extra work.

14. Total extension of time required for 11 & 12

Submitted to the Engineer-in-Charges office.

SIGNATURE OF CONTRACTOR

DATE

APPLICATION FOR EXTENSION OF TIME

(PART – II)

1. Date of receipt of application from the Contractor
in the Engineer-in-charge's office.

2. Acknowledgement issued by Engineer-in-charge
vide his letter No dated

3. Engineer-in-charge remarks regarding hindrances
mentioned by the Contractor.

i) Serial No.

ii) Nature of hindrance

iii) Date of occurrence of hindrance

iv) Period for which hindrance, is likely to last

v) Extension of time period applied for by the contractor

vi) Over lapping period, if any, giving reference to items which over lap

vii) Net period for which extension is recommended.

viii) Remarks as to why the hindrance occurred and
justification for extension recommended.

4. Engineer-in-charge recommendations.

(The present progress of the work should be stated and whether the work is likely to be completed
by the date up to which extension has been applied for. If extension of time is not recommended,
what compensation is proposed to be levied under the agreement?)

SIGNATURE OF ENGINEER-IN-CHARGE

APPROVAL OF ZONAL MANAGER



Construction of OBC Transit Hostel (Building and External
Development works) at IGNTU, Amarkantak, M.P.

PROFORMA FOR EXTENSION OF TIME

P A R T –III

To

NAME

ADDRESS OF THE CONTRACTOR

SUBJECT:

Dear Sir(s)

Reference your letter No _____ dated _____ , in connection with the grant of extension of time for **completion of the work.....**

The date of completion for the above mentioned work, is as stipulated in the agreement, dated

Extension of time for completion of the above-mentioned work is granted up to _____, without prejudice to the right of the NPCC to recover compensation for delay in accordance with the provision made in the relevant Clause (s) of the said agreement dated the ___/ ___/ ___. It is also clearly understood that the NPCC shall not consider any revision in contract price or any other compensation whatsoever due to grant of this extension.

Provided that notwithstanding the extension hereby granted, time is and shall still continue to be the essence of the said agreement.

Yours faithfully,

FOR NPCCLTD.



Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

PROFORMA OF BANK GUARANTEE IN LIEU OF E M D (BID BOND)

National Projects Construction Corporation Limited,

(Address as mentioned in Notice Inviting Tender)

In consideration of National Projects Construction Corporation Limited, having its Registered Office at 30-31, Raja House, New Delhi -110019 (hereinafter called "NPCC" which expression shall unless repugnant to the subject or context include its successors and assigns) having issued Notice Inviting Tender No.....; Work Order No..... and M/s..... having its Registered Head Office at..... (Hereinafter called the "TENDERER") is to participate in the said tender for..... Whereas NPCC, as a special case, has agreed to accept an irrevocable and unconditional Bid Bond Guarantee for an amount of Rs... valid up to.... from the tenderer in lieu of Cash Deposit of Rs..... required to be made by the tenderer, as a condition precedent for participation in the said tender. We the.....(hereinafter called the "BANK") having its Registered, Office at..... . . . and branch office at..... do hereby unconditionally and irrevocably undertake to pay to NPCC immediately on demand in writing and without demur/protest any amount but not exceeding Rs..... Any such demand made by NPCC shall be conclusive and binding on us irrespective of any dispute or differences that may be raised by the tenderer. Any change in the constitution of the tenderer or the Bank shall not discharge our liability under the guarantee.

We, the... Bank, lastly undertake not to revoke this guarantee during its currency without the prior consent of NPCC in writing and this guarantee shall remain valid upto..... Unless a claim is made within three months from the date of expiry i.e.... (Three months after the date of expiry), we shall be relieved of our liability under this guarantee thereafter.

FOR AND ON BEHALF OF BANK

PLACE :

DATED :

WITNESS.

1.

2.



Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

PROFORMA OF BANK GUARANTEE (FOR PERFORMANCE GUARANTEE)

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED,

(Address as mentioned in Notice Inviting Tender)

Whereas the National Projects Construction Corporation Limited (hereinafter called "NPCC" which expression shall include its successors and assigns) having awarded a work order/contract / supply order No..... Dated(hereinafter called the contract) to M/s. (Hereinafter called the contractor / supplier) at a total price of Rs..... subject to the terms and conditions contained in the contract.

WHEREAS, the terms and conditions of the contract require the contractor to furnish a bank guarantee for Rs..... (Rupees.....) being% of the total value of the contract for proper execution and due fulfillment of the terms and conditions contained in the contract.

We, the Bank, (hereinafter called the "Bank") do hereby unconditionally and irrevocably undertake to pay to NPCC immediately on demand in writing and without protest/or demur all moneys payable by the contractor/supplier to NPCC in connection with the execution/ supply of and performance of the works/equipment, inclusive of any loss, damages, charges, expenses and costs caused to or suffered by or which would be caused to or suffered by NPCC by reason of any breach by the contractor/supplier of any of the terms and conditions contained in the contract as specified in the notice of demand made by NPCC to the bank. Any such demand made by NPCC on the bank shall be conclusive evidence of **the amount due and payable by the bank under this guarantee. However, the Bank's liability under this guarantee, shall be limited to Rs.....in the aggregate** and the bank hereby agrees to the following terms and conditions:-

- (i) This guarantee shall be a continuing guarantee and irrevocable for all claims of NPCC as specified above and shall be valid during the period specified for the performance of the **contract including the period of maintenance/warranty i.e. up to.....**
- (ii) We, the said bank further agree with NPCC that NPCC shall have the fullest liberty without our consent and without affecting in any manner our obligations and liabilities hereunder to vary any of the terms and conditions of the said contract or to extend time for performance of contract by the contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by NPCC against the contractor/supplier under the contract and forbear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variations or extension being granted to the contractor or for any forbearance, act or omission on the part of NPCC or any indulgence by NPCC to the contractor or by any such matter or thing whatsoever, which under the law relating to the sureties would, but for this provision, have effect of so relieving us.
- (iii) This guarantee/undertaking shall be in addition to any other guarantee or security whatsoever NPCC may now or at any time have in relation to the performance of the works/equipment and the company shall have full re-course to or enforce this security in



Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

performance to any other security or guarantee which the NPCC may have or obtained and there shall be no forbearance on the part of the company in enforcing or requiring enforcement of any other security which shall have the effect of releasing the Bank from its full liability. It shall not be necessary for NPCC to proceed against the said contractor/supplier before proceeding against the Bank.

- (iv) This guarantee/ undertaking shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the supplier/ contractor, but shall in all respects and for all purposes be binding and operative until payment of all moneys payable to NPCC in terms thereof are paid by the Bank.
- (v) The Bank hereby waives all rights at any time inconsistent with the terms of this Guarantee and the obligations of the bank in terms hereof, shall not be otherwise effected or suspended by reasons of any dispute or disputes having been raised by the supplier/contractor (whether or not pending before any Arbitrator, Tribunal or Court) or any denial of liability by the supplier/contractor stopping or preventing or purporting to stop or prevent any payment by the Bank to NPCC in terms hereof.

We, the said Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of NPCC in writing. Unless a claim is made in writing within three months **from the date of expiry of this guarantee i.e..... (Three months after the date of expiry) we shall be relieved from all liabilities under this guarantee thereafter.**

Signed this day of at.....

For and on behalf of Bank

WITNESS.

1. _____

2. _____



Construction of OBC Transit Hostel (Building and External
Development works) at IGNTU, Amarkantak, M.P.

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

PROFORMA OF BANK GUARANTEE (FOR MOBILIZATION ADVANCE)

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED,

1. **In consideration of the NPCC.....(hereinafter called "the Corporation" which expression shall unless repugnant to the subject or context include his successor and assigns) having agreed under the terms and conditions of Contract dated... made between... ..and the Corporation in connection with... (Hereinafter called "the said contract") to make at the request of the Contractor a Mobilization Advance of Rs... for Work Order No..... utilizing it for the purpose of the Contract on his furnishing a guarantee acceptable to the Corporation, we the..... Bank (hereinafter referred to the "the said Bank") and having our registered office at..... do hereby guarantee the due recovery by the Corporation of the said advance as provided according to the terms and conditions of the Contract. We..... do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Corporation stating that the amount claimed is due to the Corporation under the said Agreement. Any such demand made on the.....shall be conclusive as regards the amount due and payable by the..... . under this guarantee and..... agree that the liability of theto pay the Corporation the amount so demanded shall be absolute and unconditional notwithstanding any dispute or disputes raised by the Contractor and notwithstanding any legal proceeding pending in any court or Tribunal relating thereto. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs.....**
2. **We Bank further agree that the Corporation shall be the sole judge of and as to whether the amount claimed has fallen due to the corporation under the said agreement or whether the said Contractor has not utilized the said advance or any part thereof for the purpose of the Contract and the extent of loss or damage caused to or suffered by the Corporation on account of the said advance together with interest not being recovered in full and the decision of the Corporation that the amount has fallen due from contractor or the said Contractor has not utilized the said advance or any part thereto for the purpose of the contract and as to the amount or amounts of loss or damage caused to or suffered by the Corporation shall be final and binding on us.**
3. We, the said Bank, further agree that the Guarantee herein contained shall remain in full force and effect till the said advance has been fully recovered and its claims satisfied or discharged and till NPCC certify that the said advance has been fully recovered from the said Contractor, and accordingly discharges this Guarantee subject, however, that the Corporation shall have no claims under this Guarantee after the said advance has been fully recovered, unless a notice of the claims under this Guarantee has been served on the Bank before the expiry of the said Bank Guarantee in which case the same shall be enforceable against the Bank.



Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

4. The Corporation shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee or indemnity from time to time to vary any of the terms and conditions of the said Contract or the advance or to extend time of performance by the said Contractor or to postpone for any time and from time to time of the powers exercisable by it against the said Contractor and either to enforce or forbear from enforcing any of terms and conditions governing the said Contract or the advance or securities available to the Corporation and the said Bank shall not be released from its liability under these presents by any exercise by the Corporation of the liberty with reference to the matters aforesaid or by reasons of time being given to the said Contractor or any other forbearance, act or omission on the part of the Corporation or any indulgence by the Corporation to the said Contractor or of any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of so releasing the bank from its such liability.
5. It shall not be necessary for the Corporation to proceed against the Contractor before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Corporation may have obtained or obtain from the Contractor or shall at the time when proceedings are taken against the Bank hereunder be outstanding or unrealized.
6. We, the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Corporation in writing and agree that any change in the constitution of the said Contractor or the said Bank shall not discharge our liability hereunder.

Dated thisday of.....

For and on behalf of Bank

(NAME AND DESIGNATION)

Dated:



Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

PROFORMA OF BANK GUARANTEE (IN LIEU OF SECURITY DEPOSIT)

National Projects Construction Corporation Ltd.

In consideration of the National Projects Construction Corporation Ltd., (hereinafter called "the NPCC") which expression shall include its successors and assigns having awarded to M/s..... (hereinafter called "the Supplier/Contractor") Work Order No..... which expression shall wherever the subject or context so permits includes its successors and assigns) a Contract in terms inter-alia of the company's letter No.....dated.....and the Contract/Purchase Conditions of the Company and upon the condition of the Supplier/Contractor furnishing Security for the performance of the Supplier's obligations and /or discharge of the contractor's/supplier's liability under and/or in connection with the said supply contract up to a sum of Rs..... (Rupees..... only) We,..... ((Hereinafter called "The Bank")

which expression shall include its successors and assigns) hereby undertake and guarantee payment to NPCC forthwith on the same day on demand in writing and without protest or demur of any and all moneys payable by the supplier/contractor to the Company under, in respect or in connection with the said contract inclusive of all the losses, damages, costs, charges and expenses and other moneys payable in respect of the above as specified in any notice of demand made by the Company to the Bank with reference to this guarantee up to and aggregate limit of Rs.....(Rupees.....only) and the bank hereby agree with the company that:

1. This Guarantee shall be continuing guarantee and shall remain valid and irrevocable for all claims of the Company and liabilities of Supplier/Contractor arising upto and until **midnight of.....**
2. That Guarantee shall be in addition to any other Guarantee or Security whatsoever that the Company now or at any time have in **relation to the Supplier's obligations/liabilities under** and/ or in connection with the said supply/contract, and the company shall have full authority to take recourse or to enforce this Security in preference to any other Guarantee or Security which the Company may have or obtain and no forbearance on the part of the Company in enforcing or requiring enforcement of any other Security shall have the effect of releasing the Bank from its liability hereunder.
3. The Company shall be at liberty without reference to the Bank and without affecting the full liability of the Bank hereunder to take any other security in respect of the **Supplier's/Contractor's obligations and/ or liabilities under or in connection with the said** supply/contract or to grant time and / or indulgence to the supplier / contractor or to increase or otherwise vary the prices or the total contract value or to release or to forbear from enforcement of all or any of the conditions under the said supply / contract and / or the remedies of the Company under any other security/securities now or hereafter held by the Company and no such dealings, increase(s) or other indulgence(s) or arrangement(s) with the supplier / contractor or releasing or forbearance whatsoever shall have the effect of releasing the Bank from its full liability to the Company hereunder or prejudicing rights of the company against the Bank.

Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.



4. This Guarantee shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the supplier / contractor but shall in all respects and for all purposes be binding and operative until payment of all moneys payable to the company in terms thereof.
5. The Bank hereby waives all rights at any time inconsistent with the terms of this Guarantee and the obligations of the Bank in terms hereof shall not be otherwise affected or suspended by reason of any dispute or disputes having been raised by the supplier / contractor (whether or not pending before any Arbitrator, Tribunal or Court) or any denial or liability by the supplier/ contractor stopping/ preventing or purporting to stop or prevent any payment by the Bank to the Company in terms thereof.
6. The amount stated in any notice of demand addressed by the company to the Guarantor as liable to be paid to the Company by the supplier/contractor or as suffered or incurred by the Company on account of any losses or damages, costs, charges and / or expenses shall as between the Bank and the Company be conclusive of the amount so liable to be paid to the company or suffered or incurred by the company as the case may be and payable by **the Guarantor to the Company in terms hereof subject to a maximum of Rs(Rupeesonly),**
7. Unless demand or claim under this Guarantee is made on the Guarantor in writing within **three months form the date of expiry of the Guarantee i.e. up to**
The Guarantor shall be discharged from all liabilities under this Guarantee there under.

Notwithstanding anything contained herein before our liability under this guarantee is restricted to **Rs. (Rupees.....only).**

This guarantee will expire on.....

Any claim under this Guarantee must be received by us within three months from the date of **expiry i.e. (This Date is, three months after the expiry date) and if no such claim has** been received by us by that date all your rights under this guarantee will cease.

For and on behalf of the Bank

Place

Date

WITNESS:

1.

2.



GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR ANTI-TERMITE TREATMENT

THIS AGREEMENT made this ____ day of Two thousand ____ between M/s _____ (hereinafter called the guarantor of the one part) and M/s National Projects Construction Corporation Limited, (hereinafter called the NPCC) the OWNER of the other part.

Whereas this agreement is supplementary to the contract hereinafter called the contract dated _____ made between the guarantor of the one part and National Projects Construction Corporation Ltd., of the other part whereby the contractor inter-alia, understood to render the buildings and structures in the said contract recited, completed, termite proof. And whereas the guarantor agreed to give a guarantee to the effect that the said structure will remain termite proof for TEN YEARS to be so reckoned from the date after the maintenance period prescribed in the contract expires.

During this period of guarantee the guarantor shall make good all defects and for that matter shall replace at his risk and cost such wooden member as may be damaged by termite and in case of any other defect being found, he shall render the building termite proof at his cost to the satisfaction of the Engineer-in-charge and shall commence the works of such rectification within seven days from date of issuing notice from the Engineer-in-Charge calling upon him to rectify the defects falling which the work shall be got done by NPCC/ OWNER by some other contractor at the **guarantor's cost and risk and in the later case** the decision of the Engineer-in-charge as to the cost recoverable from the guarantor shall be final and binding.

That if the Guarantor fails to execute the Anti-Termite treatment or commits breaches hereunder then the Guarantor will indemnify NPCC against all losses damages, cost expenses or otherwise which may be incurred by him by reasons of any default on the part of the guarantor in performance and observance of this supplemental Agreement. As to the amount of loss and or damage and/or cost incurred by NPCC/ OWNER decision of the Engineer-in-charge will be final and binding on the parties.

In witness where of these presents have been executed by the guarantor _____ and by _____ for and on behalf of NPCC on the day of month and year first above written.

Signed sealed and delivered by (Guarantor)

IN THE PRESENCE OF:

- 1.
- 2.

Signed for and on behalf of NPCC by/ in presence of:

- 1.
- 2.

GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS

The agreement made this Day of..... Two thousand eight between (Hereinafter called Guarantor of the one part) and the NPCC (hereinafter called the Execution Agency of the other part).

WHEREAS this agreement is supplementary to a contract (hereinafter called the Contract), dated and made between the **GUARANTOR OF THE ONE part and the NPCC of the other part**, whereby the Contractor, inter-alia, undertook to render the buildings and structures in the said contract recited completely water and leak proof.

AND WHEREAS the Guarantor agreed to give a guarantee to the effect that the said structures will remain water and leak proof for ten years from the date of handing over of the structure of water proofing treatment

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be ten years to be reckoned from the date after the maintenance period prescribed in the contract provided that the Guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose.

- a) Misuse of roof shall mean any operation, which will damage proofing treatment, like chopping of firewood and things of the same nature, which might cause damage to the roof.
- b) Alternation shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts
- c) The decision of the Engineer-in-Charge with regard to cause of leakage shall be final

During this period of guarantee, the Guarantor shall make good all defects and in case of any defect being found render the building water proof to the satisfaction of the Engineer-in-Charge at his cost and shall commence the work for such rectification within seven days from the date of issue of notice from the Engineer-in-Charge calling upon him to rectify the defects failing which the **work shall be got done by the NPCC by some other Contractor at the guarantor's cost and risk.** The decision of Engineer-in-Charge as to the cost, payable by the Guarantor shall be final and binding.

That if the Guarantor fails to execute the waterproofing or commits breach thereunder, then the Guarantor will indemnify the principal and his successors against all laws damage, cost, expense or otherwise which he may incur by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and / or damage and/ or cost incurred by the NPCC, the decision of the Engineer-in-Charge will final and binding on the parties.



Construction of OBC Transit Hostel (Building and External Development works) at IGNTU, Amarkantak, M.P.

IN WITNESS WHEREOF these presents have been executed by the **Obligator, and by** for and on behalf of the NPCC on the day, month and year first above written.

Signed, sealed and delivered by Obligator in the presence of-

1.

2.

Signed for and on behalf of the NPCC by _____

In presence of:

1.

2.

AGREEMENT FORM

This agreement made this day of (Month) (Year), between the National Projects Construction Corporation Limited (NPCC), a company incorporated under the Companies Act, 1956 having its Registered Office at 30-31, Raja House, Nehru place New Delhi – 110 019 (hereinafter referred to as the "NPCC" which expression shall include its administrators, successors, executors and assigns) of the one part and M/s (NAME OF CONTRACTOR) (hereinafter referred to as the 'Contractor' which expression shall unless the context requires otherwise include its administrators, successors, executors and permitted assigns) of the other part.

WHEREAS, NPCC, has desirous of construction of (NAME OF WORK) (hereinafter referred to as the "PROJECT") on behalf of the (NAME OF OWNER/MINISTRY) (hereinafter referred to as "OWNER"), had invited tenders as per Tender documents vide NIT No. _____.

AND WHEREAS (NAME OF CONTRACTOR) had participated in the above-referred tender vide their tender dated _____ and NPCC has accepted their aforesaid tender and award the contract for (NAME OF PROJECT) on the terms and conditions contained in its Letter of Intent No. _____ and the documents referred to therein, which have been unequivocally accepted by (NAME OF CONTRACTOR) vide their acceptance letter dated _____ resulting into a contract.

NOW THEREFORE THIS DEED WITNESSETH AS UNDER:

ARTICLE 1.0 – AWARD OF CONTRACT

1.1 SCOPE OF WORK

NPCC has awarded the contract to (NAME OF CONTRACTOR) for the work of (NAME OF WORK) on the terms and conditions in its letter of intent No. _____ dated _____ and the documents referred to therein. The award has taken effect from (DATE) i.e. the date of issue of aforesaid letter of intent. The terms and expressions used in this agreement shall have **the same meanings as are assigned to them in the "Contract Documents"** referred to in the succeeding Article.

ARTICLE 2.0 – CONTRACT DOCUMENTS

2.1 The contract shall be performed strictly as per the terms and conditions stipulated herein and in the following documents attached herewith (hereinafter referred to as "Contract Documents").

a) NPCC Notice Inviting Tender vide No. _____ date _____ and NPCC' s tender documents consisting of:

i) General Conditions of Contract (GCC) & Special Conditions of Contract (SCC) including Appendices & Annexure along with amendment(s) / errata (if any) issued (Volume-I).

ii) Bill of Quantities along with amendment(s)/corrigendum(s), if any, (Volume-II).

iii) Technical Specifications along with amendment(s) / corrigendum(s), if any, (Volume-III).

iv) Tender drawings along with amendment(s) / corrigendum(s), if any, (Volume-IV).

v) _____

- vi) _____
- b) (NAME OF CONTRACTOR) letter proposal dated _____ and their subsequent Communication:
- i) Letter of Acceptance of Tender Conditions dated _____
- ii) _____
- iii) _____
- 2.2 NPCC 's detailed Letter of Intent No. _____ dated ____ including Bill of Quantities. **Agreed time schedule, Contractor's** Organization Chart and list of Plant and **Equipment's** submitted by Contractor.
- 2.3 All the aforesaid contract documents referred to in Para 2.1 and 2.2 above shall form an integral part of this Agreement, in so far as the same or any part thereof column, to the tender documents and what has been specifically agreed to by NPCC in its Letter of Intent. Any matter inconsistent therewith, contrary or repugnant thereto or deviations taken by **the Contractor in its "TENDER" but not agreed to specifically by NPCC in its Letter of Intent**, shall be deemed to have been withdrawn by the Contractor without any cost implication to NPCC. For the sake of brevity, this Agreement along with its aforesaid **contract documents and Letter of Intent shall be referred to as the "Contract"**.

ARTICLE 3.0 – CONDITIONS & CONVENANTS

- 3.1 The scope of Contract, Consideration, terms of payments, advance, security deposits, taxes wherever applicable, insurance, agreed time schedule, compensation for delay and all **other terms and conditions contained in NPCC 's Letter of Intent No. _____ dated _____** are to be read in conjunction with other aforesaid contract documents. The contractor shall duly perform the contract strictly and faithfully in accordance with the terms of this contract.
- 3.2 The scope of work shall also include all such items which are not specifically mentioned in the Contract Documents but which are reasonably implied for the satisfactory completion of the entire scope of work envisaged under this contract unless otherwise specifically excluded from the scope of work in the Letter of Intent.
- 3.3 Contractor shall adhere to all requirements stipulated in the Contract documents.
- 3.4 Time is the essence of the Contract and it shall be strictly adhered to. The progress of work shall conform to agreed works schedule/contract documents and Letter of Intent.
- 3.5 This agreement constitutes full and complete understanding between the parties and terms of the presents. It shall supersede all prior correspondence to the extent of inconsistency or repugnancy to the terms and conditions contained in Agreement. Any modification of the Agreement shall be effected only by a written instrument signed by the authorized representative of both the parties.
- 3.6 The total contract price for the entire scope of this contract as detailed in Letter of Intent is Rs. _____ (Rupees _____ only), which shall be governed by the stipulations of the contract documents.



ARTICLE 4.0 – NO WAIVER OF RIGHTS

- 4.1 Neither the inspection by NPCC or the Engineer-in-Charge or Owner or any of their officials, employees or agents nor order by NPCC or the Engineer-in-Charge for payment of money or any payment for or acceptance of, the whole or any part of the work by NPCC or the Engineer-in-Charge nor any extension of time nor any possession taken by the Engineer-in-Charge shall operate as waiver of any provisions of the contract, or of any power herein reserved to NPCC, or any right to damage herein provided, nor shall any waiver of any breach in the contract be held to be a waiver or any other or subsequent breach.

ARTICLE 5.0 – GOVERNING LAW AND JURISDICTION

- 5.1 The Laws applicable to this contract shall be the laws in force in India and jurisdiction of Delhi Court (s) only.

- 5.2 Notice of Default

Notice of default given by either party to the other party under the Agreement shall be in writing and shall be deemed to have been duly and properly served upon the parties hereto, if delivered against acknowledgment due or by FAX or by registered mail duly addressed to the signatories at the address mentioned herein above.

IN WITNESS WHEREOF, the parties through their duly authorized representatives have executed these presents (execution whereof has been approved by the Competent Authorities of both the parties) on the day, month and year first above mentioned at New Delhi.

For and on behalf of:

For and on behalf of:

(NAME OF CONTRACTOR)

M/S NATIONAL PROJECTS
CONSTRUCTION CORPORATION LIMITED

WITNESS:

WITNESS:

1.

1.

2.

2.

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A Government of India Enterprise)
ISO 9001:2000

Regd. Office: 30-31, Raja House, Nehru Place, New Delhi – 110 019
Corp. Office: Plot No. 67-68, Sector-25, Faridabad – 121 004

**Zonal Office: 5, Kalayan Apartment, Ashok Vihar Colony, Pandri,
Raipur – 492 001. (CG)**

www.npcc.gov.in

TENDER FOR

**CONSTRUCTION OF OBC TRANSIT HOSTEL
(BUILDING AND EXTERNAL DEVELOPMENT WORKS)
AT IGNTU, AMARKANTAK, M.P.**



VOLUME: II



NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A Government Of India Enterprise)
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TENDER FOR

**CONSTRUCTION OF OBC TRANSIT HOSTEL
(BUILDING AND EXTERNAL DEVELOPMENT WORKS)
AT IGNTU, AMARKANTAK, M.P.**

VOLUME: II

PRICE BID

SUMMARY OF TOTAL COST**Name of Work: Construction of OBC Transit Hostel (Building and External Development) at IGNTU, Madhya Pradesh**

S. No.	ITEM OF CIVIL WORK	AMOUNT IN Rs.
1.00	BUILDING WORKS (INTERNAL)	
2.00	EXTERNAL DEVELOPMENT AROUND BUIDING	
	GRAND TOTAL	

ABSTRACT OF COST		
Name of work: Construction of OBC Transit Hostel at IGNTU, Madhya Pradesh		
S.No.	ITEM OF CIVIL WORK	AMOUNT IN Rs.
1.00	Earth Work	
2.00	Concrete Work	
3.00	R.C.C Work	
4.00	Brick Work	
5.00	Marble Work	
6.00	Wood Work	
7.00	Steel Work	
8.00	Flooring	
9.00	Roofing	
10.00	Finishing	
11.00	Water Proofing Work	
		(A)
12.00	Market Rate Items	(B)
	Total = (A) + (B) =	
	GRAND TOTAL	

Construction of OBC Transit Hostel at IGNTU, Madhya Pradesh						
Schedule of Quantities						
Item No.	DSR 2014	Description of Item	Quantity	Unit	Rate	Amount
1.00	2.00	EARTH WORK			Rs.	Rs.
1.01	2.60	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	2.6.1	All kinds of soil	2680.00	Cum		
1.02	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	2449.00	Cum		
1.03	2.27	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	314.00	Cum		
1.04	1.1.2	Disposal of Surplus Earth by Mechanical transport including loading, unloading for a lead upto 10.00 Km	232.00	Cum		
1.05	2.28	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m.				
	2.28.1	All kinds of soil	940.00	Sqm		
1.06	1.1.2	Carriage of earth from designated borrow areas within a lead of 1 km	50.00	Cum		
1.07	2.26	Extra for every additional lift of 1.5 km or part thereof in excavation / banking excavated or stacked materials				
	2.26.1	All kinds of soil	670.00	Cum		
		Total Earth Work				
2.00	4.00	CONCRETE WORK				
2.01	4.01	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	188.00	Cum		
2.02	4.02	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing:				
	4.2.3	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	15.00	Cum		
2.03	4.10	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	126.00	Sqm		
2.04	4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	33.00	Per 50 kg cement		

2.05	4.13	Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7 kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	126.00	Sqm		
2.06	4.17	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.	187.00	Sqm		
		Total Cement Concrete work				
3.00	5.00	R.C.C.WORK				
	5.37	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).				
3.01	5.37.1	All works upto plinth level	687.00	Cum		
3.02	5.37.2	All works above plinth level upto floor V level	1139.00	Cum		
3.03	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22.6	Thermo-Mechanically Treated bars	100242.00	Kg		
3.04	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	5.22A.6	Thermo-Mechanically Treated bars	187179.00	Kg		
3.05	5.09	Centering and shuttering including strutting, propping etc. and removal of form for:				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	133.00	Sqm		
	5.9.2	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	93.00	Sqm		
	5.9.3	Suspended floors, roofs, landings, balconies and access platform	3023.00	Sqm		
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	5635.00	Sqm		
	5.9.7	Stairs, (excluding landings) except spiral-staircases	63.00	Sqm		
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	2823.00	Sqm		
	5.9.19	Weather shade, Chajjas, corbels etc., including edges	357.00	Sqm		

3.06	4.05	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc., including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required centering complete.				
	4.5.1	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	56.00	Cum		
3.07	5.30	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	126.00	m		
3.08	5.38	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.	157.00	Cum		
		Total R.C.C. Work				
4.00	6.00	BRICK WORK				
4.01	Analysed on DSR 2014	Brick work with clay flyash F.P.S. bricks of class designation 75 in foundation and plinth in:				
		a) Cement Mortar 1 : 6 (1 Cement : 6 Coarse Sand)	413.00	Cum		
4.02	6.32	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in:				
	6.32.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	1039.00	Cum		
4.03	Analysed on DSR 2014	Half Brick masonry with clay flyash F.P.S bricks of class designation 75 in superstructure above plinth level upto floor V level				
		Cement mortar 1:4 (1 cement : 4 coarse sand)	1121.00	Sqm		
4.04	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	1121.00	Sqm		
4.05	6.05	Extra for brick work / AAC block masonry / Tile brick masonry in superstructure above floor V level, for each four floors or part thereof by mechanical means.	8.00	Cum		
4.06	6.14	Extra for half brick masonry in superstructure, above floor V level for every four floors or part thereof by mechanical means.	250.00	Sqm		
		Total Brick Work				
5.00	8.00	MARBLE WORK				
5.01	8.02	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
	8.2.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble				
	8.2.1.1	Area of slab upto 0.50 sqm	202.00	Sqm		
5.02	8.2.2	Granite of any colour and shade				
	8.2.2.2	Area of slab over 0.50 sqm	48.00	Sqm		
5.03	8.03	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	8.3.2	Granite work	104.00	m		

5.04	8.05	Extra for providing opening of required size & shape for wash basin / kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite / stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	20.00	each		
		Total Marble Work				
6.00	9.00	WOOD WORK				
6.01	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	327.00	Sqm		
6.02	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
	9.96.1	300x16 mm	214.00	each		
	9.96.2	250x16 mm	124.00	each		
6.03	9.97	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
	9.97.2	250x10 mm	107.00	each		
	9.97.4	150x10 mm	62.00	each		
6.04	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
	9.100.1	125 mm	338.00	each		
6.05	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	9.101.2	Twin rubber stopper	107.00	each		
6.06	9.103	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	107.00	each		
		Total Wood Work				
7.00	10.00	STEEL WORK				
7.01	10.15	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.				
	10.15.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	1355.00	Kg		

7.02	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.				
	10.26.1	M.S. tube	2195.00	Kg		
7.03	10.02	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	250.00	Kg		
7.04	10.06	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.				
	10.6.2	80x1.20 mm M.S. laths with 1.20 mm thick top cover	58.00	Sqm		
7.05	10.07	Providing and fixing ball bearing for rolling shutters.	14.00	each		
7.06	10.11	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment).				
	10.11.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	4833.00	Kg		
7.07	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
	9.48.1	Fixed to steel windows by welding	3866.00	Kg		
7.08	9.51	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.				
	9.51.2	With 12 mm mild steel U beading	484.00	Sqm		
7.09	10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :				
	10.30.2	5.5 mm thick glass panes	484.00	Sqm		
		Total Steel Work				
8.00	11.00	FLOORING				
8.01	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				

	11.26.1	25 mm thick	1223.00	Sqm		
8.02	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	147.00	Sqm		
8.03	11.31	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	144.00	m		
8.04	11.32	Extra for Kota stone/ sand stone in treads of steps and risers using single length up to 1.05 metre.	44.00	Sqm		
8.05	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	1117.00	Sqm		
8.06	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc, complete.	703.00	Sqm		
8.07	11.03	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	744.00	Sqm		
8.08	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.				
	11.41.2	Size of Tile 600x600 mm	1353.00	Sqm		
8.09		Providing and applying additional mortar for mantaining slopes				
	3.04	Cement mortar 1:4 (1 cement : 4 fine sand).	80.00	Cum		
8.10	11.23	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with :				
	11.23.5	Udaipur green marble	103.00	Sqm		
8.11	11.24	Extra for pre finished nosing to treads of steps of marble stone.	33.00	m		
8.12	11.25	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 metre.	17.00	Sqm		
		Total Flooring work				
9.00	12.00	ROOFING				

9.01	12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	10.00	each		
9.02	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	10.00	each		
		Total Roofing work				
10.00	13.00	FINISHING				
10.01	13.01	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement: 6 fine sand)	8007.00	Sqm		
10.02	13.16	6 mm cement plaster of mix :				
	13.16.1	1:3 (1 cement : 3 fine sand)	3293.00	Sqm		
10.03	13.05	15 mm cement plaster on rough side of single or half brick wall of mix :				
	13.5.1	1:4 (1 cement: 4 coarse sand)	3267.00	Sqm		
10.04	13.44	Finishing walls with water proofing cement paint of required shade :				
	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	3623.00	Sqm		
10.05	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.61.1	Two or more coats on new work	2125.00	Sqm		
10.06	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	13.41.1	New work (two or more coats) over and including water tinnable priming coat with cement primer	11300.00	Sqm		
10.07	Analysed on DSR 2014	Painting steel work with Deluxe Multi surface paint to give an even shade two or more coat applied @ 0.90 ltr / 10 sqm of approved brand and manufacture	100.00	Sqm		
10.08	13.22	Extra for plastering exterior walls of height more than 10 m from ground level for every additional height of 3 m or part thereof.	1817.00	Sqm		
10.09	13.04	12 mm cement plaster of mix :				
	13.4.1	1:4 (1 cement: 4 coarse sand)	200.00	Sqm		
10.10	13.05	15 mm cement plaster on rough side of single or half brick wall of mix :				
	13.5.1	1:4 (1 cement: 4 coarse sand)	200.00	Sqm		
10.11	13.02	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement: 6 fine sand)	200.00	Sqm		
10.12	13.76	Forming groove of uniform size from 12x12 mm and upto 25x15 mm in the top layer of washed stone grit plastered surface as per approved pattern, including providing and fixing aluminum channels of appropriate size and thickness (not less than 2 mm), nailed to the under layer with rust proof screws and nails and finishing the groove complete as per specifications and direction of the Engineerin-Charge.	400.00	m		
10.13	13.80	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	14766.00	Sqm		
		Total Finishing work				
11.00	22.00	WATER PROOFING				

11.01	22.03	<p>Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:</p> <p>(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.</p> <p>(ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.</p> <p>(iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area.</p> <p>(iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).</p>	703.00	Sqm		
11.02	22.07	<p>treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern</p>				
	22.7.1	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	599.00	Sqm		
		Total Water Proofing work				
12.00		MARKET RATE ITEMS				
12.01	MR	P/F cement tiles on Terrace Monear or equivalent make including ridges, eaves etc., complete with all material as per drawings and as directed by the Architect	62.00	Sqm		
12.02	MR	P/F cement tiles on External Walls Pioneer or equivalent make including ridges, eaves etc., complete with all material as per drawings and as directed by the Architect	1400.00	Sqm		
12.03	MR	Providing and applying silicon coat over external wall cladding tiles as per manufacturers recommendations including all tools, scaffolding etc., all complete as directed by the Engineer-in-charge	1400.00	Sqm		

12.04	MR	Providing water proofing admixture in water proofing in dosage as recommended by the manufacturer including mixing with cement mortar all complete as directed by the Engineer-in-charge	96.00	Ltr		
12.05	MR	Providing and fixing chicken mwire mesh 0.4mm-0.8mm thick with hole size of 8X16mm at junction of RCC and brick work including nails, tools etc., all complete as directed by the Engineer-in-charge	2701.00	Sqm		
12.06	MR	Providing and fixing GI welded mesh, 3.15 mm dia, apperture size 25X25mm including all tools, hardware etc., all complete as directed by the Engineer-in-charge	200.00	Sqm		
12.07	MR	Pre and Post Construction anti termite treatment from a reputed agency such as PCI, HSS or equivalent as approved by the Engineer-in-charge. The agency shall aslo furnish a gurantee of 10 years in favor of "Registrar, IGNTU	940.00	Sqm		
12.08	MR	Extra for Reinforcement cement concrete work in roofs having slope more than 15" upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement	9.00	Cum		
12.09	MR	Providing and laying 250mm thick compacted bed of dry brick aggregate spreading, well ramming, consolidating and grouting with coarse and fine sand in the ratio of 2:1 including finishing smooth etc., complete as direction of Engineer-in-charge	63.00	Cum		
12.10	MR	Providing and Fixing cupboard as per the location and design indicated in the drawings including wooden frame of sal wood, wooden shelves partitions, moulding and all hardware including all tools etc., all complete as per drawings and as directed by the Engineer-in-charge	434.00	Sqm		
		Total of Market Rate Items				

ABSTRACT OF COST

**Name of work: Construction of external Development along OBC Transit
Hsotel at IGNTU, Madhya Pradesh**

S. No.	ITEM OF CIVIL WORK	AMOUNT RS.
1	Earth Work	
2	Concrete Work	
3	RCC Work	
4	Road Work	
	Total	
	Add 2% Contingency	
	GRAND TOTAL	

SCHEDULE OF QUANTITIES						
Name of Work: Construction of External Development along OBC Transit Hostel at IGNTU, Madhya Pradesh						
Item No.	DSR 2014	Description of Item	Quantity	Unit	Rate	Amount
					Rs.	Rs.
1.00	2.00	EARTH WORK				
1.01	2.06	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	2.6.1	All kinds of soil	398.00	Cum		
1.02	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	605.00	Cum		
1.03	2.27	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	134.00	Cum		
1.04	1.1.2	Disposal of surplus earth by echanical transport including loading, unloading for a lead upto 10.00 km	10.00	Cum		
1.05	2.28	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m.				
	2.28.1	All kinds of soil	1235.00	Sqm		
1.06	1.1.2	Carriage of earth from designated borrow areas within a lead of 10 Km	207.00	Cum		
		Total Earth Work				
2.00	4.00	CONCRETE WORK				
2.01	4.01	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	129.00	Cum		
2.02	4.06	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering, shuttering complete.				
	4.6.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	4.00	Cum		
		Total Cement Concrete work:				
3.00	5.00	R.C.C WORK				

	5.37	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).				
	5.37.1	All works upto plinth level	32.00	Cum		
3.02	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22.6	Thermo-Mechanically Treated bars	2798.00	Kg		
3.03	5.90	Centering and shuttering including strutting, propping etc. and removal of form for :				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	27.00	Sqm		
	5.9.2	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	173.00	Sqm		
		Total R.C.C Work				
4.00	16.00	RAOD WORKS				
4.01	16.02	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density (proctor density).	207.00	Cum		
4.02	16.03	Supplying and stacking at site.				
	16.3.9	Good earth	207.00	Cum		
4.03	16.69	Providing and laying at or near ground level factory made kerb stone of M- 25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	38.00	Cum		

	16.78	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineerin- Charge.				
4.04	16.78.1	With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30	163.00	Cum		
4.05	16.78.3	With material conforming to Grade-III (size range 26.5 mm to 0.075 mm) having CBR Value-20	163.00	Cum		
4.06	16.91	Providing and laying factory made coloured chamfered edge Cement concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of fine sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications & direction of Engineerin-Charge. 60mm thick C.C. paver block of M-35 grade with approved colour, design & pattern.	447.00	Sqm		
4.07	16.94	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method, to attain superior smooth finish using PU or equivalent moulds, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. all complete as per manufacturer's specifications & direction of Engineer -in-Charge: (a) 80 mm thick c.c. paver block of M-30 grade with approved color design and pattern.	789.00	Sqm		
4.08	16.72	Supplying and stacking of hard stone (for stone pitching) 22.5 cm thick at site.	59.00	Cum		
4.09	16.73	Dry stone pitching 22.5 cm thick laid in courses and required profile with hammer dressed stones having no side less than 15 cm, with minimum depth of 20 cm including preparing the bedding surface etc. all complete. (Payment for Stone to be made separately).	261.00	Sqm		
		Total Road Work			Rs.	