



**HINDUSTAN PREFAB LIMITED**

(A Govt. of India Enterprise)

Jangpura, New Delhi-110014

**NAME OF WORK:** "Construction of the CFC at Barpeta, Assam for IIE".

**NIT No.** HPL/DGM(C)/TC/IIE/2017-18/37 dated 19.08.2017

**TENDER DOCUMENT**

**Last date for submission of Tenders:** 25.08.2017 upto 1500 Hrs.

**Date and time of opening of technical bids:** 25.08.2017 at 1530 Hrs.

**Place of submission of tender:** The office of the Deputy General Manager (Engg.) at Hindustan Prefab Limited, Regional Office, House no. 9, Gandhi Basti Road, Silpukhri, , Guwahati : 781003

**ISSUED TO :** M/s. \_\_\_\_\_

**HINDUSTAN PREFAB LIMITED**  
**(A Govt. of India Enterprise)**  
**JANGPURA, NEW DELHI – 110 014**  
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**HINDUSTAN PREFAB LIMITED**

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**HINDUSTAN PREFAB LIMITED**  
**JANGPURA, NEW DELHI-110014**

**SHORT TERM NOTICE INVITING TENDER**

Sealed tenders are invited in two bid system by Hindustan Prefab Limited, Jangpura, New Delhi – 110014 on behalf of **Indian Institute of Entrepreneurship (IIE)** for the work of construction of pre fabricated CFC blocks at various locations in the state of **Assam** from the reputed, experienced, technically and financially sound contractors, for the following works:

Sl. No	Name of Work	Quantity of CFC (Nos.)	Total Quantity of (Nos)	Estimated Cost (Rs. In Lacs)	EMD (Rs. In Lacs)	Time of completion
<b>“Construction of the CFC at different location in Assam for IIE.</b>						
1	<b>Construction of the CFC at Barpeta, Assam for IIE.</b>	1	1	12.56	0.25	45 Days

Tender documents can be obtained from the office of the Deputy General Manager (Engg.) at Hindustan Prefab Limited, Regional Office, Guwahati : 781003 between 10.00 a.m. to 3.00 pm. from 19.08.2017 to 25.08.2017 on all working day except Public Holidays. Alternatively it can be downloaded from HPL's website. The agencies who wish to apply for the packages, subjected to their eligibility are required to deposit EMD of Rs.25,000/- and tender cost of Rs. 1,000/-.

For complete tender documents please log on to HPL' website [www.hindprefab.in](http://www.hindprefab.in) and CPP Portal.

1. Tenders will be issued to all firms and contractors of repute. First the technical bids submitted by the firms/contractors along with the earnest money and tender cost as prescribed shall be evaluated as per standard procedure. Bids submitted without earnest money and tender cost as prescribed shall not be opened at all and shall be summarily rejected. The financial bids of those tenderers shall only be opened who qualifies in the technical bid.
2. Agreement shall be drawn with the successful tenderer on Special Conditions of Contract along with prescribed Form No. CPWD-7/8 (Edition 2014 with up to date corrections and

amendments) which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of CPWD form 7 & 8 and special conditions of contract which will form part of the agreement.

3. The time allowed for carrying out the work will be 45 days reckoned from the 1<sup>st</sup> day after the date of written orders to commence the work or from the first day of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work shall be made available in complete
- 5a) Tender documents consisting of specifications, the schedule of quantities and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the tender issuing authority between hours of 11.00 a.m. to 4.00 p.m. from 19.08.2017 to 25.08.2017 (upto 02:00 pm) on all working day except Public Holidays.
- 5b) Alternatively the interested parties can download the complete tender documents from HPL website [www.hindprefab.in](http://www.hindprefab.in) and CPP portal.
- 5c) Tenderers shall deposit **Earnest Money of Rs 0.25 Lacs and Tender Cost of Rs. 1,000/-** in the form of Demand Draft issued in favour of Hindustan Prefab Limited and payable at New Delhi (applicable for both cases i.e. tenders issued by HPL or downloaded from HPL's Web-site, as the case may be)
6. (A) Technical Bid shall comprise of the following:-
  - (a) Technical Bid Document (issued by HPL or downloaded from web-site of HPL) along with prescribed annexure.
  - (b) Technical specifications (if any)
  - (c) Schedule B to F issued by HPL or downloaded from the web-site of HPL
  - (d) Special Conditions of Contract
  - (e) GCC (CPWD2014)

(B) Item Rate Financial Bid shall comprise of the following:

  - (a) Bill of Quantities (Schedule A), issued by HPL or downloaded from the web-site of HPL.
  - (b) Rebate, if any offered by the tenderer, shall be mentioned in Schedule A only. Conditional Rebate and rebate mentioned at any other place than the place specified shall not be considered in any circumstances
7. Duly filled up tender documents comprising of Technical bid & Financial bid supported by prescribed annexure should be submitted in sealed envelopes duly super-scribed with the name of work and due date of opening as per instructions given below.

- a) Earnest money deposit in the manner prescribed in a separate cover marked **“EARNEST MONEY & Tender Cost and Technical Bid** as prescribed above and placed in an Envelope 1.
  - b) The duly filled up Bill of quantities and other schedules or conditions, if any as prescribed above shall be put in a separate sealed envelope marked “Financial bid for (Name of the Project) and name of the firm/contractor”.---- Envelope 2.
  - c) Envelope 1 & Envelope 2 shall be properly sealed and put together in a single envelope and sealed properly and super-scribed as “Technical and Financial bids for (Name of the Project) with due date of opening and name of the firm/contractor with contact no/mobile no”.
8. The contractor shall be required to deposit Performance guarantee equivalent to 5% of the awarded amount in the form of an irrevocable bank guarantee of any Nationalized Bank or ICICI, AXIS, IDBI and HDFC bank in the prescribed form, as in the case of recovery of security deposit within 15 days of the issue of letter of acceptance. This period can be further extended by the Engineer- in –Charge up to a maximum period of 7 days on written request of the contractor.
9. (i) The description of the work is as follows **“Construction of the CFC at Barpeta, Assam for IIE.**
- (ii) Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the tender issuing authority.
- (iii) Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies as other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for worker and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be executed.
10. The HPL on behalf of **Indian Institute of Entrepreneurship Guwahati (IIE)** does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily 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 to rejection.
12. The HPL on behalf of **Indian Institute of Entrepreneurship Guwahati (IIE)** and reserves to himself the right of acceptance the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
13. The tender for the works shall remain open for acceptance for a period of 60 days (Sixty days) from the date of submission of tenders. Date of Opening of financial bid shall be intimated in due course to those tenderers who qualify in Technical Bid. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then HPL shall, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the said earnest money as aforesaid.
- 14.0 This notice inviting Tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority, shall within 07 days from the written orders to commence the work, sign the contract consisting of :-
  - a) The notice inviting tender all the documents including additional or special conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
  - b) Standard CPWD Form 7/8 (Edition 2014 with up to date corrections and amendments & also up to date CVC /CTE circulars.
- 15.1 The tenderer if required by him, must associate with himself agencies eligible to tender for the other components individually.
- 15.2 It will be obligatory on the part of the tenderer to sign the tender document for all the components (The schedule of quantities, conditions and special conditions etc.)
- 16
  - (a) This NIT is also available on HPL Web-site [www.hindprefab.in](http://www.hindprefab.in)
  - (b) No Postal enquiry shall be entertained for issue of tender documents.
17. Tender cost of **Rs 1,000.00** in the form of Demand Draft issued in favour of Hindustan Prefab Limited and payable at New Delhi.

## TENDER

I/We have read and examined the notice inviting tender, schedule A (Bill of Quantities), B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, schedule of Rates & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified by the DGM (Engg), HPL within the time specified in Schedule "F", viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions.

We agree to keep the tender open for sixty (60) days from the date of opening of bids and not to make any modifications in its terms and conditions.

Within 15 (Fifteen) days after signing of the agreement or within such extended time as may be granted by HPL in writing, the contractor shall submit an irrevocable and unconditional performance Bank guarantee in the form appended from any scheduled Bank equivalent to 5% (Five percent) of the tendered amount. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said DGM (Engg), HPL or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that DGM (Engg), HPL or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/we agree that in case of forfeitures of earnest money or both earnest money & Performance Guarantee as aforesaid, I/we shall be debarred for participation in the retendering process of the work.

I/ We undertake and confirm that eligible similar works (s) have not been got executed through another contractor on back to back basis. Further that , If such a violation come to the notice of department , then I/We shall be debarred for tendering in CPWD / HPL in future forever. Also, If such a violation come to the notice of department before date of start of work, The engineer in charge shall be free to forfeit the entire amount of earnest money deposit / performance guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/ confidential documents and shall not communicate information derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Date

Witness:

Address: \_\_\_\_\_

Occupation: \_\_\_\_\_

Signature of Contractor

Postal Address

Signature of tenderer with seal

**HINDSUTAN PRREFAB LIMITED  
JANGPURA, NEW DELHI-110014**

**SECTION-I**

**INTRODUCTION**

**1.0 SCOPE OF WORK**

M/s Hindustan Prefab Limited, a CPSU under the Ministry of Housing and Urban Poverty Alleviation, has been nominated as nodal agency IIE on deposit work basis. HPL is inviting the tenders for the work of **“Construction of the CFC at Barpeta, Assam for IIE.**

**BRIEF PARTICULARS OF THE WORK**

- Taking over of clear / hindrance free site from the concerned/ local administration.
- Construction of foundation & plinth work in conventional system.
- Super structure work using pre-fabricated materials/technology as specified in the tender document/ drawings and specifications.
- Handing over of the completed & commissioned work to the school authorities / client.
- Rectification of defects (if any) for a period of one year free of cost from the date of handing over of the work to the client.

**2.0** Work shall be executed according to General Conditions of Contract for **CPWD Works** (Edition 2016 with up to date corrections and amendments & CVC guidelines) available separately at printer's outlets. However, there shall be some special conditions of contract which will override/supplement General Conditions of contract for Central PWD works (as the case may be). The Special Conditions of Contract shall be supplied along with tender and B.O.Q.



## SECTION II

### INFORMATION & INSTRUCTIONS FOR APPLICANTS

#### 1.0 General:

- 1.1. Letter of transmittal and forms as given in Section III.
- 1.2. All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a “nil” or no such case” entry should be mentioned made in that column. If any particulars/query is not applicable in case of the applicant, it should be stated as “not applicable”. The applicants are cautioned that not giving complete information called for in the technical document or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the applicant being summarily disqualified. Applications made by telegram or Fax and those received late will not be entertained.
- 1.3. The application should be type written. The applicant should sign each page of the tender document. The unsigned document & without seal shall not be considered for evaluation of technical bid.
- 1.4. Over writing should be avoided. Correction, if any, should be made by neatly crossing out, initialing, dating and rewriting. Pages of the tender document are numbered. Additional sheets, if any added by the contractor, should also be numbered by him. They should be submitted as a package with signed letter of transmittal.
- 1.5. The applicant may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is however, advised not to furnish superfluous information. No information shall be entertained after submission of tender documents unless it is called for by the HPL.
- 1.6. Any information furnished by the applicant found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/ taking up of work in HPL. If such applicant happens to be enlisted contractor of any class in HPL, his name shall also be removed from the approved list of contractors.
- 1.7. The tender document in prescribed form duly completed and signed should be submitted in a sealed cover and as prescribed in NIT.
- 1.8. Prospective applicants may request clarification of the project requirements and financial bid document. **Any clarification/corrigendum given by HPL will be posted on HPL website [www.hindprefab.in](http://www.hindprefab.in) which shall also form part of tender document.**

## **2.0 DEFINITIONS**

- 2.1 In this document the following words and expressions have the meaning hereby assigned to them.
- 2.2 **Employer:** - Means the Hindustan Prefab Limited.
- 2.3 **Applicant:** - Means the individual, proprietary firm, firm in partnership, limited company, private or public or corporation.
- 2.4 **“Year”** means “Financial Year” unless stated otherwise.
- 2.5 **“Similar Work”** means construction of prefabricated/pre-engineered buildings using PUF/FRCS Sandwiched Panels/cement board panels or any other suitable prefabricated/pre-engineered material executed by the agency. The meaning of similar nature is experience in any type of civil construction work.
- 2.6 **“Main Tenderer”** means the person/ firm specializing in executing the work of component bearing the highest estimated cost in respect to other components in the group and who shall sign the single agreement considering all components in the group.
- 2.7 **“Associates”** means the person/firm (associated with the main tenderer) who has specialization in executing the component of work other than the main component and who is associated with the main tenderer to execute the work of the said component.
- 2.8 **“Component of Work”** means the work(s) as stated in detailed NIT.
- 2.9 **“Composite Tenderer”** means who are having the required and requisite experience in composite works.
- 2.10 **“Client means the “INDIAN INSTITUTE OF ENTREPRENEURSHIP GUWAHATI (IIE)”**

## **3.0 METHOD OF APPLICATION:**

- 3.1 If the applicant is an individual, the application shall be signed by him above his full typewritten name and current address.
- 3.2 If the applicant is a proprietary firm, the application shall be signed by the proprietor above his full typewritten name and the full name of his firm with its current address.
- 3.3 If the applicant is a firm in partnership, the application shall be signed by all the partners of the firm above their full type written name and current addresses or alternatively by a partner holding power of attorney for the firm. In the latter case a certified copy of the Power of Attorney should accompany the application. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should accompany the application.

- 3.4 If the applicant is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a copy of the power of attorney. The applicant should also furnish a copy of the Memorandum and Articles of Association duly self attested.

#### **4.0 FINAL DECISION MAKING AUTHORITY**

HPL reserves the right to accept or reject any application and to annul the tender process and reject all applications at any time, without assigning any reason or incurring any liability to the applicants.

- 5.0 Particular provisions:** - The particulars of work given in section I are provisional. They are liable to change and must be considered only as advance information to assist the bidder.

#### **6.0 SITE VISIT**

The sites may be visited by the intending bidder before quoting the rates.

#### **7.0 INITIAL CRITERIA FOR ELIGIBILITY FOR TECHNICAL BID**

- 7.1 The applicant should have experience of having successfully completed works during the last seven

Years ending last day of the month previous to the one in which applications are invited:

- (i) Three similar completed works costing each not less than the amount equal to **40%** of estimated cost put to tender for each package separately,

OR

Two similar completed works, each of value not less than **60%** of the estimated cost put to tender for each package separately

OR

One similar completed work of value not less than **80%** of the estimated cost put to tender for each package separately

- (ii) Similar work shall mean any type of civil construction work.

- 7.2 The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of receipt of applications for tenders

- 7.3 The applicant should have own construction equipment as required for the proper and timely execution of the work, Else, he should certify that he would be able to manage the equipment by hiring etc. and submit the list of firms from whom he proposes to hire.

- 7.4 The applicant should have sufficient number of Technical and Administrative employees for the proper execution of the contract. The applicant should submit a list of these employees stating clearly how these would be involved in this work.

- 7.5 The applicant's performance for each work completed in the last 7 years and in hand should be certified by an officer not below the rank of Executive Engineer or equivalent and should be obtained in sealed cover.
- 7.6 The Bidders are required to submit only relevant document in support of experience in having executing work of similar nature. The meaning of similar nature is experience in any type of civil construction work.
- 7.7 The applicant should have had average annual financial turnover (gross) of 100% of total estimated cost put to tender during the last three years ending 31<sup>st</sup> March 2016/2017. This should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average. (Form-A)**

**8.0** Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity specified by the HPL, or between subtotal and the total price, the unit or subtotal price shall prevail, and the quantity and the total price shall be corrected. However, in case of items quoted without indicating any quantity or the items for which the quantities are to be estimated by the Bidder, the total price quoted against such items shall prevail. If there is a discrepancy between words and figures, the amount in words will prevail.

The prices of all such item(s) against which the bidder has not quoted rates/amount (viz., items left blank or against which “\_\_\_” is indicated) in the price schedules will be deemed to have been included in other items(s).

If the discount(s)/rebate(s) offered by the bidder is a percentage discount and the price component(s) on which the said discount is not indicated in the bid, the same shall be considered on the total bid price (i.e. proportionately on each price component), in the event of award. However, if lump-sum discount is offered, the same shall be considered in full on the Ex-works price component (by proportionately reducing Ex-works price of individual items), in case of award. Further, Conditional discounts/rebates, if any, offered by the bidder shall not be taken into consideration for evaluation. It shall, however, be considered in case of award.

In respect of taxes, duties and other levies indicated by the Bidder in the Bid, which are reimbursable in line with the provisions of the bidding documents, the applicable rate and amount thereof shall be ascertained by the employer based on which, if required, necessary rectification and arithmetical correction shall be carried out by the employer, The rate and amount so ascertained by the employer shall prevail.

The subtotal, total price or the total bid price to be identified in bid form for this purpose, irrespective of the discrepancy between the amounts for the same indicated in words or figures shall be rectified in line with the procedure explained above.

If the bidder does not accept the correction of errors as per this clause, its bid will be rejected and the amount of bid security forfeited.

The bidder should ensure that the prices furnished in various price schedules are consistent with each other. In case of any inconsistency in the prices furnished in the specified price schedules to be identified in bid form for this purpose, the employer shall be entitled to consider the highest price for the purpose of evolution and for the purpose of award of the contract use of lowest of the prices in these schedules.

9. Purchase/Domestic Preference

Purchase Preference as admissible under the Policy of Government of India in vogue will be allowed to Central Public Sector Enterprises in evaluation and comparison of bids.

10. Confidentiality and Contacting the Employer

After the public opening of bids, information relating to the examination, clarification, and evaluation of bids and recommendations concerning awards shall not be disclosed to bidders or other persons not officially concerned with this process until the publication of contract award. From the time of bid opening to the time of contract award, if any, bidder wishes to contact the employer on any matter related to its bid, it should do so in writing.

Any effort by a bidder to influence the employer in the employer's bid evaluation, bid comparison or contract award decisions may result in rejection of the bidder's bid. HPL shall be the sole judge in this regard.

**11.0 Award of contract**

The contract shall be awarded on the lowest evaluated bidder. As the construction of CFC in Assam state on behalf of **“INDIAN INSTITUTE OF ENTREPRENEURSHIP GUWAHATI (IIE)”** being taken up by Hindustan Prefab Limited (HPL) based on the capacity and capability of a bidder, to perform the contract, shall be considered after taking into account the total no. of contracts awarded by HPL.

### SECTION III

#### LETTER OF TRANSMITTAL

From:

To  
**The DGM (C) – Tender Cell,**  
Hindustan Prefab Limited,  
Jangpura, New Delhi-110014.

**SUBJECT: “Construction of the CFC at Barpeta, Assam for IIE.**

**NIT NO. : HPL/DGM(C)/TC/IIE/2017-18/37    dated 19.08.2017**

Sir,

Having examined the details given in NIT, press-Notice and technical bid document for the above work, I/We hereby submit the technical bid document and other relevant information.

- i) I /We hereby certify that all the statements made and information supplied in the enclosed forms A to H and accompanying statement are true and correct.
- ii) I / We have furnished all information and details necessary for technical evaluation and have no further pertinent information to supply.
- iii) I /We submit the following certificates in support of our suitability, technical know- how and capability for having successfully completed the following works.

Name of Work

Certificate from

Enclosures:

Seal of Applicant

Signature of Applicant (s)

Date of Submission

Signature of tenderer with seal

**CORRIGENDUM TO GENERAL CONDITIONS OF CONTRACT (CPWD FORM 7/8)**

S. No.	For	Read As
1	Chief Engineer/ DG works/ Chief Engineer (Zone)	CMD, HPL
2	Superintending Engineer	DGM (Engg.)
3	Engineer –in –charge	Site–in–Charge / Project Manager /DGM (Engg.).
4	Department	Hindustan Prefab Limited
5	Administrative Head	C.M.D., HPL
6.	Owner	IIE.
7.	C.P.W.D.	H.P.L.

### **SCHEDULE 'B' TO 'F'**

#### **SCHEDULE – B :**

Schedule of materials to be issued to the contractor.

S.No.	Description of Item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
NOT APPLICABLE				

#### **SCHEDULE 'C'**

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charged per day	Place of Issue
1	2	3	4
NOT APPLICABLE			

#### **SCHEDULE 'D'**

Extra schedule for specific requirements/document for the work, if any.

Not applicable.



### **SCHEDULE 'E'**

Reference to General Conditions of contract.

**Name of Work:** “Construction of the CFC at Barpeta, Assam for IIE”.

**NIT NO. :** HPL/DGM(C)/TC/IIE/2017-18/37 dated 19.08.2017

i)	Earnest money :	Rs. 0.25 lacs. (only DD shall be accepted)
ii)	Performance Guarantee :	5% of awarded contract amount.
iii)	Security Deposit :	5% of awarded contract amount.

### **SCHEDULE 'F'**

#### **GENERAL RULES&DIRECTION:**

Officer inviting tender : Deputy General Manager(C), HPL

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 See below

#### **Definitions:**

2(v) Engineer-in-Charge	Site-in-charge/Project Manager/DGM(Engg)
2(viii) Accepting Authority	Chairman of Tender Approval Committee.
2(x) Percentage on cost of material and labour to cover all over needs and profits	15%
2(xi) Standard Schedule of Rates	DSR 2016
2(xii) Department	Hindustan Prefab Limited
9(ii) Standard CPWD contract Form	CPWD form 7/8 edition 2016 with up to date corrections and amendments& CVC guidelines.
Clause 1	
i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days	: 07 days
ii) Maximum allowable extension beyond period provided in (i) above in days	: 07 days
Clause 2 Authority for fixing compensation Under clause 2.	: C.M.D, HPL

Clause 2A Whether Clause 2A shall be applicable			: No
Clause 5 Number of days from the date of issue of letter of acceptance or from the first date of handing over of site ( whichever is later) for reckoning date of start Mile Stone(s) as per Table given:-			: 07 days
S No.	Description of Milestone (Physical)	Time allowed in days	Amount to be withheld in case non achievement of milestone
1	10% of the Contract Value	10 days	-
2	40% of the Contract Value	18 days	2.5% of Contract value
3	75% of the Contract Value	26 days	2.5% of Contract value
4	95% of the Contract Value	30 days	5.0% of Contract value
Clause 6,6A Clause applicable – (6 or 6A)			6 A
Time allowed for execution of work			45 Days
Authority to give fair and reasonable Extension of time for completion of work			C.M.D., HPL
Clause 7 Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.			Not Applicable

<p>Clause 10A</p> <p>List of testing equipment to be provided by the contractor At site lab but not limited to the followings.</p> <ol style="list-style-type: none"> <li>1. Theodolite, Dumpy level, Steel level.</li> <li>2. Plumb bobs, Sprit level, Hammers.</li> <li>3. Weighing machine (Electronic)</li> <li>4. Thermometers, stoves.</li> <li>5. Hydraulic test machine.</li> <li>6. Smoke test machine.</li> <li>7. Wire gauge, micro meter and others as required at site.</li> </ol>	Not Applicable
<p>Clause 10B</p> <p>Whether Clauses 10 B(i),(ii)&amp;(iii) shall be applicable</p>	Not applicable

Modified Provision	
<p>Clause 10CA</p> <p>Materials covered under this clause</p>	Not applicable
Clause 10CC	Clause 10CC is not applicable for this contract.
Clause 10C	Not applicable
<p>Clause 11</p> <p>Specifications to be followed for execution of work( all works)</p>	CPWD specifications with all latest amendments and corrections up to date
<p>Clause 12</p> <p>12.2 &amp; 12.3 Deviation Limit beyond which Clauses 12.2 &amp; 12.3. shall apply for building work :</p>	Deleted
<p>12.5 Deviation Limit beyond which clauses 12.2 &amp; 12.3. shall apply for foundation work</p>	Deleted
<p>Clause 16</p> <p>Competent Authority for Deciding reduced rates.</p>	C.M.D., HPL

Clause 18 List of mandatory machinery, tools & plant to be deployed by the contractor at site lab but not limited to the followings Excavators (various size) Concrete mixture Needle vibrator (Petrol) Bar cutting machine. Drilling machine, Grinding/polishing Machines. Steel shuttering & Steel scaffolding, Stone cutting Machine.	Not Applicable
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SI. No.	Minimum qualification of technical representative	Discipline	Designation (principal Technical/technical Representative )	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1.	Graduate Engineer Or Diploma Engineer (Civil)	Civil	Technical Representative	3 year	02	20,000/- Per month	Twenty thousands Per month
			-Do-	05 year	02	For each -Do-	For each -Do-
2.	Supervisors / Foreman	Civil	Site Representative	2 year	05	` 10,000	Ten thousand only.

The Contractor will have to depute / post the supervisory staff as required depending upon the locations of work / geographical conditions of the area as directed by the Engineer-Incharge. Assistant Engineer's retired from Government service that are holding Diploma will be treated at par with Graduate Engineers.

Clause 42 i) (a) Schedule /statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates	2016 printed by CPWD
ii) Variations permissible on theoretical quantities. (a) Cement	2% Plus/ Minus

Clause 36(i) Requirement of Technical Representative (s) and recovery rate (for each package)

# RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond the permissible variation
1.	Cement	Nil	Rs. 600 per bag of 50 kg

**HINDUSTAN PREFAB LIMITED**  
**JANGPURA, NEW DELHI - 110 014**  
**SPECIAL CONDITIONS OF CONTRACT**

These special conditions shall supersede/ supplement the relevant conditions given in CPWD Form 7/8 (Edition 2014 with up to date corrections and amendments) in the tender document.

1. Contractor shall submit the complete programme of construction & completion of work proposed to be followed. The construction programme should include and indicate specifically the time period in nos. of days for each of the following activities from the date of award of work:-
  - (i) (a) To contact concerned authorities IIE & Local Administration and taking over of clear / hindrance free site for execution of work.
    - (b) All civil works upto plinth level.
    - (c) All super structure work complete.
    - (d) All allied infrastructure work like leach pit, soak pit & other miscellaneous works.
    - (e) Commissioning & handing over.
  - (ii) Details of manpower / nos. of team to be deployed for the work.
2. RAW MATERIAL : All materials and labour required for the execution of work shall be arranged by the contractor including cement & reinforcement steel.
3. The contractor shall procure and use ISI marked cement. .
  - (a) To the extent possible only ISI marked material shall be used. . In the event for ISI marked items are not available, approval of Engineer-in-charge/Employer shall be taken to use such materials. However in either cases the samples of materials / fixtures shall be got approved from Engineer –in-charge before use in the work.
  - (b) Contractor shall be required to produce samples of all materials and fittings in advance for approval. The Contractor when called upon shall provide "make" of samples for approval before execution free of cost. In case testing is mentioned elsewhere in the tender documents, cost of testing will also be borne by the contractor. The test shall be done in approved laboratory as per the direction of Engineer-in-Charge.
4. Any notice to be given under this contract shall be sent by registered post, Speed post, and email at the last known registered or head office address of the contractor and shall be deemed to have been effected at the time at which the letter would be delivered in the ordinary course of post.
5. DLP, Condition to be given for 1 year from the date of handover.

6. Drawings attached with this tender is also applicable for construction of Workshed and CFC, no other construction drawing shall be issued. In case if any particular drawing is required for execution of work, contractor shall inform the Engineer-in-Charge in writing at least 15 days in advance.
7. The payment to the contractor shall be made from the registered office of HPL at Jangpura, New Delhi and cheques will be issued and payable at Delhi/New Delhi. The contractor shall not claim anything extra on this account. Alternatively the payment maybe made online through RTGS/NEFT.
8. The Contractor should be registered under GST for works in the State where the work is to be executed and submit a copy of registration. The said GST shall be deducted as per laws at source as applicable. The contractor shall submit the bills as required under GST.
9. The contractor should have valid PF Code, PAN, TIN and ESI No. & should provide a copy of PF & ESI Registration. The contractor shall provide the copies of challans as a proof of remittance of PF & ESI amount. The contractor should also maintain the PF records, labour records i.e. copies of wage sheets, attendance sheets, monthly returns, annual returns and any other record in this regard for inspection and should provide as and when required by the Engineer-in-charge.
10. Defect Liability: The contractor shall be fully responsible for the quality, workmanship and structural safety of the construction. The contractor shall be fully responsible for liability of defects in the work executed by him for a period of one year from the date of successful handing over of the work on rectifying the list of defects/ deficiencies observed by HPL/Owner before taking over. All defects observed during the defect liability period shall be rectified by the contractor at his own cost and expenses. In the event of failure on the part of the contractor to rectify the defects, the same may, without prejudice to any other right available to it in law, be rectified by HPL for and on behalf of contractor. HPL shall have the right to deduct or set off the expenses incurred by it in rectifying the defects as aforesaid from/against any amount due and payable or becoming due and payable by HPL to the contractor under this agreement or any other contract what-so-ever. During the Defect- liability period contractor has to employ an engineer to look after the defects for which nothing extra would be payable to the contractor.
11. The contractor will be responsible for obtaining "Contractor All Risk Policy" towards entire cost of the work and will obtain "Workmen compensation policy" at his own cost. The policy should cover entire tenure of contract inclusive of extended period, if any.
12. The decision of the Chairman & Managing Director, HPL, regarding the quantum of reduction as well as justification thereof in respect of rates for substandard work will be final and would not be open to arbitration and adjudication.
13. The contractor has to control noise and air pollution at site as per norms of State Pollution Control Board.



14. The contractor will be responsible to get register himself under labour cess in “State Buildings and other construction workers” welfare board.
15. No advance shall be paid to the contractor against any Material, Tools & Plants, equipment & machinery etc. brought at site by the contractor.
16. The work may be inspected by Central Vigilance Commission and any deductions/compensation proposed by CVC or HPL or owner in regard to defective work or work not confirming to specification, loss of time, amount shall be deducted from his dues.
17. The contractor shall make all arrangements for ground breaking Ceremony / inaugural function etc. the expenditure incurred shall be borne by the contractor. .
18. HPL shall not supply or procure any material for use on works and the contractor has to make his own arrangements for supplying, procuring transportation and storage of all such materials required for the work, at his own cost.
19. It is clearly agreed and understood by the tenderers/ contractors that notwithstanding anything to the contrary that may be stated in the agreement between HPL & the contractor, the contractor shall become entitled to payment only after H.P.L. 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 HPL leading to a delay in the release of the corresponding payment by HPL to the contractor, shall not entitle the contractor any compensation / interest from HPL.
21. The contractor will have to submit a no claim / final claim certificate, duly notarized on a stamp paper of appropriate value, as per the prescribed format of HPL, while release of security deposit.
22. The rates quoted by the Contractors shall be inclusive of all the taxes including GST. Nothing extra shall be payable on account of any type of tax including service tax. The rates quoted shall be fix & firm for the entire contract period including extended period, if any.
23. The contractor will make his own arrangement for storage of materials, water supply, electrical supply required for execution of work. No extra shall be paid against this.

### **23 SECURITY DEPOSIT/ RETENTION MONEY**

The Security Deposit or the Retention Money shall be deducted from each Running Account Bill of the contractor @ 5% (Five percent only) of the gross value of each Running Account Bill. The Earnest money deposited by the tender in the form of DD only will be treated as part of Security deposit.

The Security Deposit or Retention Money shall be refunded without any interest to the Contractor after satisfactory expiry of defects liability period of complete scope of work under this package or on payment of the amount of the final bill whichever is later.

## **24 PERFORMANCE GUARANTEE**

- 24.1 Within 15 (Fifteen) days after issue of the LOI or within such extended time as may be granted by HPL in writing, the contractor shall submit an irrevocable and unconditional performance Bank guarantee in the prescribed Performa from any **Nationalized Bank or ICICI, Axis, IDBI, HDFC bank in India** equivalent to 5% (Five percent) of the contract value, in addition to other deposits mentioned elsewhere in the contract for the proper performance of the contract agreement (notwithstanding and/ or without prejudice to any other provisions in the contract) within the contract period (including approved/ extended period of contract, and defect liability period as specified in the contract. In case the contractor fails to submit the Performance Guarantee of the requisite amount within the stipulated period, letter of Intent/ award will stand withdrawn and EMD of Contractor shall be forfeited.
- 24.2 In case the cost of the work exceeds the original tendered value/ contract value on account of extra items, deviations, additional works, etc. the Performance Guarantee equivalent to 5% of additional cost (over and above the tendered value/ contract value) shall be furnished by the contractor, failing which recovery @ 5% of such additional amount shall be made from the Running Account Bills including final bill of the contractor.
- 24.3 The Guarantee shall be in the form of demand draft from any Scheduled Bank drawn in favour of Hindustan Prefab Limited payable at New Delhi (in case Guarantee amount is less than Rs.100,000/- (Rupees One Lac). In case the Guarantee amount is Rs.100,000/- (Rupees One Lac) or more, the Bank Guarantee shall be given for the equivalent amount from any Scheduled Bank.
- 24.4 The Performance Bank Guarantee shall be valid upto 60 (sixty) days after completion of work. The Bank Guarantee will be returned thereafter.
- 24.5 In case the contractor fails to extend the validity of Bank Guarantee beyond the validity date the Engineer-in-charge shall invoke the Bank Guarantee and claim full amount stipulated therein from the issuing Bank.
- 24.6 The Bank Guarantee shall also be invoked in case the contractor fails to pay HPL any amount due either as agreed by him (Contractor) or determined under any of the claims/ conditions of the agreement within 30 days of the service of notice to the effect by Engineer-in-charge.
- 24.7 In the event of the contract being determined or rescinded under provision of any of the clause/ condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of HPL.

## **24.8 TESTS AND INSPECTION**

### **(I) WORKS TO BE OPEN TO INSPECTION**

All works executed or under the course of execution in pursuance of this contract at all times be open to inspection and supervision of the HPL/ OWNER. The work during its progress or after its completion or during O&M period may also be inspected, by Chief Technical Examiner (CTE) of Government of India and/ or an inspecting authority of State Government of State in which work is executed. The compliance of observations/ improvements as suggested by the inspecting officers of HPL/ CTE/ State authorities/Govt. Institutions/ Laboratory as third party/ owner shall be obligatory on the Contractor at the cost of contractor. The agency will make all arrangements to carry out the third party inspections whenever required.

## **25.0 MOBILIZATION ADVANCE – N.A.**

26.0 The payment shall be made to the contractor as per actual work done basis.

## **27.0 TAXES AND DUTIES**

The quoted rates by the bidders shall be inclusive of all the taxes as applicable in the state at the time of submission of tender like GST (Goods & Service Tax), excise duty, custom duty, sales tax, Value added Tax(VAT) purchase tax, consignment tax, works contract tax, entry tax, turnover tax, toll tax, octroi charges, royalty, labour cess, levy and other tax(es) or duty(ies) of similar nature in the state levied by State Govt./ Central Govt./ or any other statutory body. The rates quoted by him in the tender in bill of quantities shall be inclusive of all such taxes, duties, levies, cess, etc. with respect to such goods/ materials/articles to be used for the works & as applicable to the contract. Tax invoice & bills as required and applicable under GST shall be submitted by the contractor and shall be uploaded on the relevant portal by the contractor. GST as applicable shall be deposited by the contractor to the concerned authorities and deposit challan shall be submitted to HPL alongwith bills. Taking credit of the excess amount billed / tax paid shall be the responsibility of the contractor. The bidders should have valid GST Registration and copy of the same shall have to be submitted alongwith the tenders.

28. The contractor shall make his own arrangement for setting up of an office at convenient location for the contract period/extended contract period for project management and liasoning work. Further, to ensure timely completion of work and quality of workmanship, it will be the responsibility of the contractor to make necessary arrangement for supervision of work at different locations.

29. The contractor shall construct the CFC at the site made available by the Client /local administration. Minor cutting/filling/cleaning if required shall be borne by contractor.

### **30.0 HANDING OVER/TAKING OVER**

The completion of each individual unit shall be recorded on the date of signing of Handing over/Taking over note by the respective Local authority on the prescribed Performa as per Annexure-1. The Defect Liability period shall be reckoned from the date of signing of taking over note. However, Warranty period shall be reckoned from the date of final completion of all Toilet block under this package.

### **31.0 JURISDICTION**

The agreement is deemed to be executed at New Delhi on non judicial stamp paper purchased in Delhi and the Courts in Delhi/ New Delhi along will have jurisdiction to deal with matters arising there from, to the exclusion of all other courts.

### **32.0 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 reasons 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 HPL, he shall have no claim to payment of any compensation on account of any profit or advantage which he may derive from the execution of the work in full.

### **33. Settlement of Disputes and Arbitration:**

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, design, drawings, and instructions here-in before

mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

(i) If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by the Engineer-in-Charge on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable, he shall promptly within 15 days request the DGM (Engg.), HPL in writing for written instructions or decisions. Thereupon, the DGM (Engg.), HPL shall give his written instructions or decisions within a period of one month from the receipt of the contractor's letter.

If the DGM (Engg.), HPL fails to give his instructions or decision in writing within the aforesaid period or if the contractor is dissatisfied with the instructions or decision of the DGM (Engg.), HPL, the contractor may, within 15 days of the receipt of DGM (Engg.), HPL decision, appeal to the CMD, HPL who shall afford an opportunity to the contractor to be heard, if the latter so desires, and to offer evidence in support of his appeal. The CMD, HPL shall give his decision within 30 days of receipt of contractor's appeal. If the contractor is dissatisfied with this decision, the contractor shall within a period of 30 days from receipt of the decision, give notice to the CMD, in the prescribed format attached with SCC. HPL for appointment of arbitrator failing which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator.

ii) Except where the decision has become final, binding and conclusive in terms of Sub Para (i) above disputes or difference shall be referred for adjudication through arbitration by a sole arbitrator appointed by the CMD, HPL on behalf of owner and with the consent of owner. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever, another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with the notice for appointment of arbitrator and giving reference to the rejection by the CMD, HPL of the appeal.

It is also a term of this contract that no person other than a person appointed by such CMD, HPL on behalf of owner & with the consent of owner, as aforesaid should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitration at all.

It is also a term of this contract that if the contractor does not make any demand for appointment of arbitrator in respect of any claims in writing aforesaid within 120 days of receiving the intimation from the Engineer-in-charge that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and the Government shall be discharged and release of all liabilities under the contract in respect of these claims.

The arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act. 1996 (26 of 1966) or any statutory modifications or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause. (including the fees, if any, of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.

It is also a term of this contract that the arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and in all cases where the total amount of the claim by any party exceeds Rs. 1, 00,000/- the arbitrator shall give reasons for the award.

It is also a term of the contract that if any fees are payable to the arbitrator, these shall be paid equally by the contractor only.

It is also a term of the contract the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award.

### **Notice for appointment of Arbitrator**

To

CMD

Dear Sir,

In terms of clause ---of Special Condition of Contract (SCC), I/we hereby give notice to you to appoint an arbitrator for settlement of disputes mentioned below:

1. Name of applicant
2. Whether applicants Individual/Prop. Firm/Partnership Firm/Ltd. Co.
3. Full address of the applicant
4. Name of the work and contract number in which arbitrations ought
5. Contract amount in the work
6. Date of contract
7. Stipulated date of initiation of work
8. Stipulated date of completion of work
9. Actual date of completion of work (if completed)
10. Total number of claims made
11. Total amount claimed
12. Date of submission of final bill (if work is completed)
13. Date of payment of final bill (if work is completed)
14. Amount of final bill (if work is completed)
15. Date of request made to DGM for decision
16. Date of receipt of DGM decision
17. Date of appeal to you
18. Date of receipt of your decision.

Specimen signatures of the applicant

(Only the person/authority who signed the contract should sign)

I/We certify that the information given above is true to the best of my/our knowledge.  
I/We enclose following documents.

1. Statement of claims with amount of claims.
- 2.

Yours faithfully,

(Signatures)

**Copy induplicate to:**

The Engineer-in-charges

**FORM 'A'****FINANCIAL INFORMATION**

Financial Analysis - Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached)

	YEARS				
	2011-12	2012-13	2013-14	2014-15	2015-16
I. i) Gross Annual Turnover On construction works					
ii) Profit/ Loss					

II. Financial arrangement with the Financial Institution like over drafts/loan, Bank Guarantee Limit etc. for carrying out the proposed work

III. The following certificates are enclosed:

- a) Solvency Certificate (not older than six month) from Bankers of Applicant.
- b) Current Income Tax Return filed with Income Tax Dept. duly acknowledged (with seal).

Signature of Applicant(s)

Signature of Chartered Accountant with Seal



**LIST OF PREFERRED MAKES FOR CIVIL WORKS**

<b>S.No.</b>	<b>Material description</b>	<b>Approved Manufacturer / Brand Name</b>
1.	TMT bars – Fe 500 grade (Ductile or Super Ductile) having Ultimate Strength atleast 15% higher than Yield Strength	Primary / Main producers like SAIL, Rashtriya Ispat Nigam Ltd., TISCO, Jindal Panther, Shyam Steel
2.	Cement (OPC/PPC) as per IS:8112 and IS:12269/IS:1489(Part-I &II) (PPC shall be from reputed manufacturer having annual production of atleast one million tons or more)	Jaypee Cement, J.K. Cement, Shree Ultra Cement, Ultra Tech, A.C.C., Birla, Lafarge, Dalmia.
3.	Ceramic/glazed Tiles	Kajaria, Johnson, Somany, orient of approved design, color and shade.
4.	White Cement	Birla White, J.K. White or equivalent.
5.	Primers, paints (Low VOC) (i/c water proofing cement paint) etc.	Nerolac, Asian, Burger, ICI Exterior paint of Apex Ultima of Asian or Premier Exterior Emulsion of Dulux.

**LIST OF PREFERRED MAKES FOR ELECTRICAL WORKS**

<b>Sl. No.</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER'S NAME</b>
1.	MCB / RCCB / RCBO / DB	ABB/LEGRAND (Lexic)/ Schneider/ Standard
2.	MCCB (Thermo magnetic/Static)	ABB/L&T/Schnieder/Siemens/GE Power
3.	SWITCH FUSE UNIT WITH HRC FUSES	L & T / ABB/Schnieder/Siemens
4.	LED lights	Philips /Bajaj /Decon/HPL
5.	PVC insulated Copper conductor wires	FINOLEX/Polycab/Rallison/ Henlay/ Skytone/ Havels
6.	Switches and Sockets outlets (Conventional piano type)	ANCHOR/SSK/MK/North West/Crabtree/Havells
7.	Switches and Sockets outlets (Modular type)	ANCHOR/SSK/MK/North West/Crabtree/Havells
8.	PVC Conduits and accessories	AKG/BEC /SEIKO/POLY PACK
9.	Light fitting	HPL/PHILIPS/BAJAJ/DECON/Polycab/Havells/Wipro
10.	Selector switches	Kaycee/Salzar/L&T
11.	Ceiling Fans/Exhaust Fans/ Air Circulators	CROMPTON/USHA/HAVELLS
12.	Any Other Items	On approval of Engineer-in- charge

	In case, any other item/ material required to complete the work for which makes are not
	Specified above, the Contractor shall take prior approval of the Engineer-in- charge.

**BRIEF SPECIFICATION OF THE BUILDING (Indicative)**

Superstructure: - Building in RCC/Prefab structure or as specified in BOQ in all work.

(All items will be executed as per detailed BOQ under the T&C of this NIT or as per approval)

**G.C.C. 2014 (CPWD)**  
**CPWD Form 7/8 (Edition 2014/2016 with up to  
date corrections and amendments)**