



## HINDUSTAN PREFAB LIMITED

(A Govt. of India Enterprise)

Jangpura, New Delhi-110014

**NAME OF WORK: CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

### TECHNICAL BID

NIT No: HPL/TC/RC/RGI/2013-14/44

Dated: 05.03.2014

Last date for issue of Tender Form : 20.03.2014 up to 1600 hours

Last date for submission of Tender : 21.03.2014 at 1100 hours

Cost of tender : Rs. 1000/-

Estimated Cost : Rs. 80.00 Lacs

EMD : Rs. 1.60 Lacs

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

Ph- (011) 43149800-899, Fax: (011) 26340365 E-mail:- [hindprefab@gmail.com](mailto:hindprefab@gmail.com) Website: [www.hindprefab.org](http://www.hindprefab.org)

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**HINDUSTAN PREFAB LIMITED**  
**JANGPURA, NEW DELHI: 14**

**NOTICE INVITING TENDER**

Sealed Item rate tenders are invited by the **Regional Co-ordinator (TC)** Hindustan Prefab Limited on behalf of **Registrar General of India (RGI)** and in the name of **President of India** from the reputed, experienced, technically & financially sound contractors and from the eligible empanelled contractors of HPL in two bids system i.e. (cost of tender document, EMD & Technical Bid in one envelope and Financial Bids in second envelopes for the following work:-

**CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

**NIT No: HPL/TC/RC/RGI/2013-14/44 dated: 05.03.2014**

1. The work is estimated to cost **Rs. 80.00 Lacs** with the detail as mentioned below.

S.NO.	Name of Work	ESTIMATED COST (Rs. in Lakhs)
1.	CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI	80.00 Lacs
	Total	80.00 Lacs

These estimates, however, are given merely as a rough guide;

2. Tenders will be issued to all firms and contractors of repute. Issue of tender documents shall not be construed as qualifying in technical bid. First the technical bids submitted by the firms/contractors along with the earnest money as prescribed shall be evaluated as per standard procedure. Bids submitted without the tender cost (for downloaded tender documents from web-site) and earnest money 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. The date and time of opening of financial bid shall be intimated in due course of time.
3. Agreement shall be drawn with the successful tenderer on Special Conditions of Contract along with prescribed Form No. CPWD-7/8 (Edition 2010 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
4. The time allowed for carrying out the work will be **75 Days** reckoned from the 10th 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.

5. The site for the work shall be made available in parts.
6. a) (i) Receipt of applications for issue of tender documents shall be as per detail given in Press Notice.
- (ii) Tender documents consisting of specifications, the schedule of quantities of the various classes of work to be done 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 **12.03.2014 to 20.03.2014 every** day except on Sundays and Public Holidays. Tender documents, excluding standard form, will be issued from his office, during the hours specified above, on payment of Rs. 1000/- in cash/demand draft in favour of Hindustan Prefab Limited & payable at New Delhi as cost of tender.
- b) Alternatively the interested parties can download the complete tender document from HPL website [www.hindprefab.org](http://www.hindprefab.org) Tenders downloaded from website shall have to be accompanied with the Tender cost of Rs. 1000/- in the form of Demand Draft drawn in favour of Hindustan Prefab Limited & payable at New Delhi.
- c) Tenderers shall deposit Earnest Money of **Rs.1.60 Lacs** 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)
- 7 (A) Technical Bid shall comprise of the following:-
- i. Technical Bid Document (issued by HPL or downloaded from web-site of HPL) along with prescribed annexure.
  - ii. Technical specifications (if any)
  - iii. Schedule B to F issued by HPL or downloaded from the web-site of HPL
  - iv. Special Conditions of Contract
  - v. List of Materials of approved make / brands (Civil /Electrical).
  - vi. Earnest money and tender cost
  - vii. Letter of Integrity Pact
  - viii. The eligible empanelled contractors of HPL will be exempted from Technical bid. Copy of certificate issued by the HPL will have to be attached along with the bid document at the time of applying for.
- (B) Financial Bid shall comprise of the following:
- i. Bill of Quantities (Schedule A), issued by HPL or downloaded from the web-site of HPL.
  - ii. 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

8. 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) Cost of tender forms, if downloaded from website and Earnest money deposit in the manner prescribed in a separate cover marked **“EARNEST MONEY & TENDER COST”**--- - Envelope 1.
  - b) Technical Bid as prescribed above and placed in an Envelope 2 shall be sealed and super-scribed with the words” Technical Bid for (Name of the Project) and name of the firm/contractor”.
  - c) 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 3.
  - d) All three envelopes 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”.
9. The contractor shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee in the form of an irrevocable bank guarantee bond of any Nationalized bank or State Bank of India in accordance with the form prescribed or in cash 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.
- (i) The description of the work is as follows: - **CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**
  - (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 done and of conditions and rates at which stores, tools and plant etc. will be issued to him by the HPL on behalf of **Registrar General of India (RGI)** and local conditions and other factors having a bearing on the execution of the work.

10. The HPL on behalf of **Registrar General of India (RGI)** and in the name of the President of India 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 **Registrar General of India (RGI)** and in the name of the President of India 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 **90 days (Ninety days)** from the date of opening of financial Bid. 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 50% of the said earnest money as aforesaid.
14. 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 15 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 2010 with up to date corrections and amendments & also upto date cvc /cte circulars).
15. (a) This NIT are also available on HPL Web-site [www.hindprefab.org](http://www.hindprefab.org)  
(b) No Postal enquiry shall be entertained for issue of tender documents.

**HINDUSTAN PREFAB LIMITED**  
**Item Rate Tender & Contract for Works**

Tender for the work of: **CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

- (i) To be submitted by **11:00 hours** on **21.03.2014** in the office of **Regional Co-ordinator, (TC)**, Hindustan Prefab Limited, Jangpura, New Delhi-110014.
- ii) To be opened in presence of tenderers who may wish to be present at **11:30 hours** on **21.03.2014** in the office of **Regional Co-ordinator, (TC)**, Hindustan Prefab Limited, Jangpura, New Delhi-110014.

Issued to :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature of officer issuing the documents \_\_\_\_\_

Designation \_\_\_\_\_

Date of Issue \_\_\_\_\_

**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 **Regional Co-ordinator, (TC)**, HPL on behalf of **Registrar General of India (RGI)** and in the name of the President Of India within the time specified in Schedule "F", viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule- 1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as per provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the date of opening of financial bid and not to make any modifications in its terms and conditions.

A sum of Rs 1.60 lacs has been deposited in \_\_\_\_\_ as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said **Regional Co-ordinator, (TC)**, 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 **Regional Co-ordinator, (TC)**, 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 the 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

Signature of Tenderer with Seal

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Regional Co-ordinator , HPL

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 work (s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of department, then I/we shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes 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



# TECHNICAL BID DOCUMENT

HINDSUTAN PRREFAB LIMITED  
JANGPURA, NEW DELHI: 14

## SECTION I

### INTRODUCTION

#### SCOPE OF WORK

**Registrar General of India (RGI)** had retained M/s Hindustan Prefab Limited, a CPSU under the Ministry of Housing and Urban Poverty Alleviation, as Executing Agency for the work of **CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

#### BRIEF PARTICULARS OF THE WORK

1. Salient details of the work for which tenders are invited are as under :-

S.NO.	NAME OF WORK	APPROX COST	PERIOD OF COMPLETION
1.	<b>CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.</b>  <b>NIT No: HPL/TC/RC/RGI/2013-14/44</b>  <b>Dated: 05.03.2014</b>	Rs. 80.00 lacs	<b>75 Days</b>

The scope of work **CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

#### **Site Location:-**

The site is located at **2-A , MAN SINGH ROAD, NEW DELHI**

2. Work shall be executed according to General Conditions of Contract for Central PWD Works (Edition 2010 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 for technical bid are 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 technical bid documents 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. References, information and certificates from the respective clients certifying suitability, technical know-how or capability of the applicant should be signed by an officer not below the rank of Executive Engineer or equivalent.
- 1.6. 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.
- 1.7. 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.
- 1.8. The technical bid document and financial bid document in prescribed form duly completed and signed should be submitted in a sealed cover and as prescribed in NIT.
- 1.9. Prospective applicants may request clarification of the project requirements, technical bid document and financial bid document. **Any clarification given by HPL will be pasted on HPL website [www.hindprefab.org](http://www.hindprefab.org) upto 20.03.2014 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, acting on behalf of **Registrar General of India (RGD)** and in the name of President of India.
- 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.

## 3.0 METHOD OF APPLICATION:

- 3.1 If the applicant is an individual, the application shall be signed by him above his full type written 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 attested by a Public Notary/ Gazetted Officer.

## 4.0 FINAL DECISION MAKING AUTHORITY

The employer 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 am provisional. They are liable to change and must be considered only as advance information to assist the bidder.

## 6.0 SITE VISIT

The applicant is advised to visit the site of work, at his own cost, and examine it and its surroundings to himself collect all information that he consider necessary for proper assessment of the prospective assignment.

## 7.0 INITIAL CRITERIA FOR ELIGIBILITY FOR TECHNICAL BID

**The criteria of eligibility of tenderer shall be as under:-**

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 of work,

OR

Two similar completed works, each of value not less than 60% of the estimated cost of work

OR

One similar completed work of value not less than 80% of the estimated cost. (Refer form "E")

(ii) One completed work of any nature (either part of (i) or a separate one) costing not less than the amount equal to 40% of the estimated cost put to tender with some Central/State Government Organization /Central Autonomous Body/Central Public Sector undertaking. (Refer form "E")

(iii) Similar work shall mean works of "Prefab Building with allied internal Electrical & Civil Work".

(iv) 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.

For this purpose, 'cost of work' shall mean gross value of the completed work including the cost of materials supplied by the Govt./ Client, but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/ Project Manager or Equivalent.

**Note:** - The initial eligibility of composite tenderer shall further be determined as prescribed in para 7.2 to 7.7 with respect to total estimated cost of the project put to tender.

7.2 The applicant should have had average annual financial turnover (gross) of 30% of total estimated cost put to tender during the last three years ending 31<sup>st</sup> March 2013. 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. (Refer form "A")

7.3 The applicant should not have incurred any loss in more than two years during the last five years ending 31<sup>st</sup> March 2013 and it shall be duly certified by the Chartered Accountant. (Refer form "A")

7.4 The bidding capacity of the contractor should be equal to or more than the total estimated cost of the work. The bidding capacity shall be worked out by the following formula:

**Bidding Capacity =  $A \times N \times 2 - B$**

Where.

A = Maximum value of construction works executed in any one year during the last five years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of work for which pre-qualification application has been invited.

B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which pre-qualification has been invited. (Refer form E)

7.5 The applicant should have a solvency of 40% of total estimated cost put to tender certified by his Bankers. The Bank solvency should be issued from Nationalized Bank and should not be older than 06 months as on last date of receipt of tenders and should be in the name of HPL or to whom so it may concern.

7.6 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.

7.7 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.

7.8 Even though an applicant may satisfy the above requirements, he would be liable to disqualification if he has:

- a) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the pre-qualification document.
- b) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/ weaknesses etc.

## 8.0 EVALUATION CRITERIA FOR TECHNICAL BID

8.1 For the purpose of evaluating technical bid , applicants will be evaluated in following manner:

8.1.1 The initial criteria prescribed in para 7.1 to 7.7 above in respect of experience of similar class of works completed, bidding capacity and financial turnover etc. will first be scrutinized for the applicant's eligibility for qualifying technical bid for the work be determined as prescribed above.

8.1.2 The applicants qualifying the initial criteria as set out in para 7.1 to 7.7 above will be evaluated for following criteria by scoring method on the basis of details furnished by them:

a) Financial strength (Form A & B) –	Max 20 Marks
b) Experience in similar nature of works during last Five years (Form 'C') -	Max 20 Marks
c) Performance on works (Form E) Time over run –	Max 20 Marks
d) Performance on works (Form E) Quality –	Max 15 Marks
e) Personnel and Establishment (Form 'G') –	Max 10 Marks
f) Plant & Equipment (Form 'H') -	Max 15 Marks
	-----
Total	100 Marks
	-----

To qualify, the applicant must secure at least fifty percent marks in each and sixty percent marks in aggregate.

The department, however, reserves the right to restrict the list of qualified contractors to any number deemed suitable by it.

## **9.0 FINANCIAL INFORMATION**

Applicant should furnish the following financial information:

Annual financial statement for the last five year (in Form “A”) and solvency certificate in (form B)

## **10.0 EXPERIENCE IN Prefab Building with allied internal Electrical & Civil Work HIGHLIGHTING EXPERIENCE IN SIMILAR WORKS.**

10.1 Applicant should furnish the following:

- a) List of all works of similar class successfully completed during the last seven years (in form “C”)
- b) List of the projects under execution or awarded (in Form “D”)

10.2 Particulars of completed works and performance of the applicant duly authenticated/ certified by an officer not below the rank of Executive Engineer or equivalent should be furnished separately for each work completed or in progress (in Form “E”).

## **11.0 ORGANISATION INFORMATION**

Applicant is required to submit the following information in respect of his organization (in Form “F” & “G”)

- a) Name & Postal Address, i/c Telephone, Fax & Telex Number etc.
- b) Copies of original documents defining the legal status, place of Registration and principal places of business.
- c) Names & Title of Directors and Officers to be concerned with the work, with designation of individuals authorized to act for the organization.
- d) Information on any litigation in which the applicant was involved during the last five years, including any current litigation.
- e) Authorization for employer to seek detailed references.
- f) Number of Technical & Administrative Employees in parent company, subsidiary company and how these would be involved in this work (in Form “G”)

## **12.0 LETTER OF TRANSMITTAL**

The applicant should submit the letter of transmittal attached with technical bid document.

## **13.0 AWARD CRITERIA**

13.1 The employer reserves the right, without being liable for any damages or obligation to inform the applicant to:

- a) Amend the scope and value of contract to the applicant.
- b) Reject any or all of the applications without assigning any reasons.

13.2 Any effort on the part of the applicant or his agent to exercise influence or to pressurize the employer would result in rejection of his application. Canvassing of any kind is prohibited.

### SECTION III

#### LETTER OF TRANSMITTAL

From:

To

**Regional Co-ordinator (TC)**

Hindustan Prefab Limited,

Jangpura, New Delhi-110014.

**SUBJECT: CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR  
WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A ,  
MAN SINGH ROAD, NEW DELHI**

**NIT No: HPL/TC/RC/RGI/2013-14/44 dated: 05.03.2014**

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 bid evaluation and have no further pertinent information to supply.
- iii) I /We submit the requisite certified solvency certificate and authorize the **Regional Co-ordinator (TC)**, HPL or his authorized representatives to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/We also authorize **Regional Co-ordinator (TC)** HPL or his authorized representative to approach individuals, employers, firm and corporation to verify our competence and general reputation.
- iv) 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

**FORM 'A'**

**FINANCIAL INFORMATION**

**To be filled by the tenderer**

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**

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I. i) Gross Annual Turnover  
On construction works

ii) Profit/ Loss

II. Financial arrangement for carrying out the proposed work

III The following certificates are enclosed:

a) Solvency Certificate from Bankers of Applicant in the prescribed form 'B'

Signature of Applicant(s)  
Bidder (S)

Signature of Chartered Accountant with Seal



**FORM 'B'**

**FROM OF BANKER'S CERTIFICATE FROM A NATIONALISED BANK**

This is to certify that to the best of our knowledge and information that M/s./Sh..... having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement upto a limit of Rs. ....(Rupees.....)

This certificate is issued without any guarantee or responsibility on the bank or any the officers.

(Signature)  
For the Bank

**NOTE** (1) Bankers certificates should be on letter head of the Bank, sealed in cover addressed to tendering authority.  
(2) In case of partnership firm , certificate should include names of all partners as recorded with the Bank

**FORM -C**

**DETAILS OF ALL WORKS OF SIMILAR CLASS COMPLETED DURING THE LAST FIVE YEARS ENDING LAST DAY OF THE MONTH (Dec. - 2013).**

1	2	3	4	5	6	7	8	9	10
S. No.	Name of work/ project and location	Owner or sponsoring organization	Cost of work in crores	Date of commencement as per contract	Stipulated date of completion	Actual Date of completion	Litigation/Arbitration pending/ in progress with details*	Name and address /telephone number] of officer to whom reference may be made	Remarks

\*Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of Applicant(s)

**FORM 'D'****PROJECT UNDER EXECUTION OR AWARDED**

S No:	Name of work/ project and location	Owner or sponsoring organization	Cost of work	Date of commencement as per contract	Stipulated date of completion	Up to date percentage progress of work	Slow progress if any, and reasons thereof	Name And Address/ Telephone Number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

Certified that the above list of works is complete and no work has been left out and that the information given is correct to my knowledge and belief

Signature of Applicant(s)  
Bidder (S)

**FORM 'E'**

**PERFORMANCE REPORT OF WORKS REFERRED TO IN FORM "C" & "D"**

(Separate to be filled for each component by the composite tenderer and the main tenderer)

1. Name of work/  
Project & Location
2. Agreement No
3. Estimated Cost
4. Tendered Cost
5. Date of Start
6. Date of Completion
  - i) Stipulated date of completion
  - ii) Actual date of completion
7. Amount of compensation levied for delayed completion, if any
8. Amount of reduced rate items, if any
9. Performance Report
  - 1) Quality of work Very Good/Good/Fair/Poor
  - 2) Financial Soundness Very Good/Good/Fair/Poor
  - 3) Technical Proficiency Very Good/Good/Fair/Poor
  - 4) Resourcefulness Very Good/Good/Fair/Poor
  - 5) General behaviour Very Good/Good/Fair/Poor

Dated :

Executive Engineer or Equivalent

**STRUCTURE & ORGANISATION****(To be filled by the tenderer)**

1. Name & Address of the applicant
2. Telephone No./Telex NO./Fax No.
3. Legal status of the applicant  
(Attach copies of original document defining the legal status)
  - a) An individual
  - b) A proprietary firm
  - c) A firm in partnership
  - d) A limited company or Corporation
4. Particulars of registration with various Government bodies (attach attested) Photocopy

Organization/ Place of registration	Registration No.
1.	
2.	
3.	
5. Name and Titles of Directors & Officers with designation to be concerned with this work
6. Designation of individuals authorized to act for the organization.
7. Was the applicant ever required to suspend construction for a period of more than six months continuously after you commenced the construction? If so, give the name of the project and reasons of suspension of work.
8. Has the applicant or 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.
9. 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.
10. Has the applicant, or any constituent partner in case of partnership firm, ever been convicted by a court of law? If so, give details.
11. In which field of Civil Engineering Construction the applicant has specialization and interest?
12. Any other information considered necessary but not included above.

**To be filled by the tenderer****DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK**

S.NO.	Designation	Total number	Number available for this work	Name	Qualification	Professional experience and details of work carried out	How these would be involved in this work	Remarks
1	2	3	4	5	6	7	8	9

Signature of Applicant(s)  
Bidder (S)

**FORM 'H'****To be filled up by composite tenderer and main tenderer****DETAILS OF CONSTRUCTION PLANT AND EQUIPMENT LIKELY TO BE USED IN CARRYING OUT THE WORK.**

Sr.No:	Name of equipment	Nos.	Capacity or type	Age	Condition	Ownership status			Current location	Remarks
						Presently owned	Leased	To be purchased		
1	2	3	4	5	6	7	8	9	10	11
1.	Computer controlled multi station edge through feed edge binding machine capacity of glowing , flush trimming scrap ply and trimming in one feed operation.									
2.	Hot presser machine for laminate pressing.									
3.	CNC controlled press form brake for sheet metal binding.									
4.	Conveyorised powder coating plant with pretreatment.									
5.	Post forming machine , router machine.									
6.	Vertical Spindale Modular & Vertical Drilling Machine.									
7.	Machine for facility for Steel fabrication									

**Note:** - Machine at S.No. 1 will carry 3 marks and all others shall be evaluated giving 2 marks each.

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

S. No.	For	Read As
1	Chief Engineer/ DG works/ Chief Engineer (Zone)	CMD, HPL for & on behalf of <b>Registrar General of India (RGI)</b> and in the name of President of India
2	Superintending Engineer	Regional Co-ordinator
3	Engineer –in –charge	Project Manager Civil
4	Department	Hindustan Prefab Limited
5	Administrative Head	C.M.D., HPL
6.	Owner	<b>Registrar General of India (RGI)</b>
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

S.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 TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

**NIT No: HPL/TC/RC/RGI/2013-14/44 dated: 05.03.2014**

Estimated cost of work :	Rs. <b>80.00</b> Lacs
i) Earnest money :	Rs. <b>1.60</b> Lacs
ii) Performance Guarantee :	5% of tendered value.
iii) Security Deposit :	5% of tendered value.

## **SCHEDULE 'F'**

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

Officer inviting tender: **Regional Co-ordinator (TC) 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	Project Manager Civil
2(viii) Accepting Authority	Chairman of Tender Approval Committee.
2(x) Percentage on cost of material and labour to cover all over heads and profits	15%
2(xi) Standard Schedule of Rates	DSR 2012/2013
2(xii) Department	Hindustan Prefab Limited
9(ii) Standard CPWD contract Form	CPWD form 7/8 edition 2010 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	: 15 days
ii) Maximum allowable extension beyond period provided in above in days	: 07 days
Clause 2 Authority for fixing compensation Under clause 2.	: C.M.D, HPL

<p>Clause 2A</p> <p>Whether Clause 2A shall be applicable</p>	: NO
<p>Clause 5</p> <p>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</p> <p>Clause 6,6A</p> <p>Clause applicable – (6 or 6A)</p>	<p>: 10 days</p> <p>6 A</p>

Mile Stone(s) as per table given below:

Sl. No	Financial Progress	Time Allowed (from date of start)	Amount to be with- held in case of non-achievement of milestone
1	1/8 <sup>th</sup> (of whole work)	¼ <sup>th</sup> (of whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1% of the tendered value of work will be withheld for failure of each milestone.
2	3/8 <sup>th</sup> (of whole work)	½ (of whole work)	
3	3/4 <sup>th</sup> (of whole work)	¾ <sup>th</sup> (of whole work)	
4	Full	Full	

Time allowed for execution of work	_____
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.	_____
Clause 10A List of testing equipment to be provided by the contractor At site lab but not limited to the followings. 1. Wire gauge, micro meter & tounge tester and others as required at site.	
Clause 10B Whether Clauses 10 B (ii) shall be applicable	Not Applicable
Clause 10CC / 10 CA & 10C	NOT APPLICABLE (Rates shall be firm for the entire contract period and extended period, if any.)

Clause 11  Specifications to be followed for execution of work( all works)	CPWD specifications/Tender Specification with all latest amendments and corrections up to date
Clause 12 12.2 & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3. shall apply	30 %
12.5 Deviation Limit beyond which clauses 12.2 & 12.3. shall apply for foundation work	Not Applicable
Clause 16 Competent Authority for Deciding reduced rates.	C.M.D., HPL
Clause 18	Not Applicable

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 ( having experience in the design erection in Modular Furniture work )	Civil	Principal Technical Representative	02 07 year	01 01	25,000/- Per month  For each -Do-	Twenty five thousands Per month For each -Do-
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				Not Applicable			
ii) Variations permissible on theoretical quantities.							
(a) Cement				Not Applicable			
( b ) Bitumen				Not Applicable			
( c ) Steel reinforcement and structural steel section for each diameter, section and category				Not Applicable			
( d ) All other Materials				Not Applicable			

Clause 36(i) Requirement of Technical representative ( s ) and recovery rate.

#### RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Not Applicable
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**HINDUSTAN PREFAB LIMITED**  
**JANGPURA, NEW DELHI - 110 014**

**SPECIAL CONDITIONS OF CONTRACT**

These special conditions shall supercede/ supplement the relevant conditions given in CPWD Form 7/8( Edition 2010 with up to date corrections and amendments) in the tender document.

1. EMD of tenderers, who do not qualify in technical bid after evaluation of technical bid, shall be returned within 7 days of receipt of request of refund from them. The tenderers can collect the un-opened financial bid, if they desire, from the office of the concerned Engineer-in-charge.

EMD of tenderers, who qualify in technical bid but unsuccessful in financial bid after opening of financial bid, shall be returned after award of work within 7 days of receipt of request of refund from them.

2. Contractor shall submit the complete programme of construction along with CPM/PERT Chart proposed to be followed for construction within 7 days of award of work.
3. **RAW MATERIAL :** All materials and labour required for the execution of work shall be arranged by the contractor.
4. (a) All material used in the work shall be confirming to IS Specification and as per approved make/brands list and shall be ISI marked unless otherwise specified. In the event for items for which either brands not specified and ISI marked items not available, the sample of the item before use shall be got approved from Engineer –in-charge. 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 sufficiently in advance for approval. The Contractor when called upon shall provide "make" of samples as per approved list for approval before execution free of cost and also will make arrangements for transportation of samples to the designated test house as per the direction of Engineer-in-charge of the work at his own cost. Cost of testing will also be borne by the contractor.
5. Any notice to be given under this contract shall be sent by registered post, Speed post 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.
6. The contractor shall be supplied drawings required for execution of work like in a phased manner. 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 contractor shall be responsible for obtaining necessary clearances (if required) for the works executed by him from local bodies/authority for erection etc. Necessary liasoning with other working agency & local bodies shall be his responsibility. Any statutory fees to be paid on account of said clearances shall be reimbursed to contractor by HPL/ **Registrar General of India (RGI)**.

8. 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.
9. The Contractor should be registered under VAT for works in the State of Delhi and submit a copy of registration along with tender. The said VAT shall be deducted as per laws at source as applicable. The contractor shall submit the bills as required under DVAT.
10. 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.
11. Defect Liability & Maintenance Period: The contractor shall be fully responsible for the quality, workmanship and structural safety of the work executed by him. 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 to **Registrar General of India (RGI)** on rectifying the list of defects/ deficiencies observed by HPL/ **Registrar General of India (RGI)** before taking over. The defect liability period shall start from the date the project is handed over to **Registrar General of India (RGI)**. All defects observed during the defect liability period shall be rectified by the contractor at his own cost and expenses. The Contractor will be responsible to maintain the newly executed works free of cost for a period of one year from the date of handing over of the building to the client i.e **Registrar General of India (RGI)**. Any major and minor repair will be done by the contractor free of cost for one year after handing over the work. 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 rectify the defects properly under the supervision of an Engineer for which nothing extra would be payable to the contractor.
12. 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.
13. 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.
14. The contractor has to control noise and air pollution at site as per norms of Delhi Pollution Control Board.
15. The contractor will be responsible to get register himself under labour cess in “Delhi Buildings and other construction workers” welfare board.



16. No advance shall be paid to the contractor against any Materials, Tools & Plants, equipment & machinery etc. brought at site by the contractor.
17. The work may be inspected by Central Vigilance Commission and any deductions/ compensation proposed by CVC or HPL or **Registrar General of India (RGI)** in regard to defective work or work not confirming to specification, loss of time, amount shall be deducted from his dues.
18. Taking approval of drawing from Central / State / Local Bodies (if required) for the execution of work shall be Contractor's responsibilities.
19. **DEFECT LIABILITY PERIOD (DLP):-** The Defect Liability Period will be 12 months after successful handing over of the project to the client. 5 % security deposit shall be retained from the contractor bills shall be refunded after successful completion of DLP.
20. Time of completion of work is **75 days** which is reckoned from date of **the 3<sup>rd</sup> day of issued of award letter.**
21. The Rates shall be fixed, firm & final during the currency period of contract including the maintenance period. No increase in rates shall be allowed on any account whatsoever.
22. The contractor shall submit indemnity bond( on non-judicial stamp papers) duly notarized indemnifying the employer/HPL against liability / demand for taxes, duties, Cess, penalties, interests, against all actions , legal proceedings, royalty, patents, trade mark, non-observance of laws, payment of workers , employees, sub-contractors and compliances with labour laws, contributions etc.
23. The Contractor shall have to supply and erect one sample of each type of item as per B.O.Q / Drawing Specifications at the site. The party shall start the fabrication work only after finalization / approval of samples by Engineer – in – charge on approval of the samples the same shall be got installed in the building as a part of the work.
24. The agency should have his own plant and machinery to execute the work as mentioned in Form 'H' of Technical Bid. Purchase invoice of machine is to be submitted in support. Otherwise he should certify that he would be able to manage the equipments by hiring from outside and submit the list of firm from whom he purpose to hire. In the support he should submit the documents giving financial statement of the company from whom he is going to hiring the equipments. The all documents should be submitted along with CA's certificate.
25. 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.
26. The rates quoted by the Contractor shall be inclusive of all taxes such as Octrai, VAT , Service Tax etc. nothing extra shall be payable on account of any type of tax.
27. **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 **Regional Co-ordinator (TC)**, HPL in writing for written instructions or decisions. Thereupon, the **Regional Co-ordinator (TC)**, HPL shall give his written instructions or decisions within a period of one month from the receipt of the contractor's letter.

If the **Regional Co-ordinator (TC)** 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 **Regional Co-ordinator (TC)** HPL, the contractor may, within 15 days of the receipt of **Regional Co-ordinator (TC)** 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 as Annexure-I 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 **Registrar General of India (RGI)** and with the consent of **Registrar General of India (RGI)**. 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 **Registrar General of India (RGI)** & with the consent of **Registrar General of India (RGI)**, 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 1996) 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 both the parties. i.e. contractor & **Registrar General of India (RGI)**

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.

28. 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.
29. 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.
30. Payment shall be made to the Contractor after receiving payment from the Client.

**Notice for appointment of Arbitrator**

To

The Director (Tech.)/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 applicant is Individual/ Prop. Firm/ Partnership Firm/ Ltd. Co.
3. Full address of the applicant
4. Name of the work and contract number in which arbitration sought
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 Regional Co-ordinator for decision
16. Date of receipt of Regional Co-ordinator 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.
- 3.
- 4.

Yours faithfully,

(Signatures)

**Copy in duplicate to:**

1. The Engineer-in-charges

## PROFORMA BANK GUARANTEE IN LIEU OF EARNEST MONEY

(On Non-Judicial Stamp Paper to be stamped in accordance with stamp act, the stamp paper to be in the name of Executing Bank)

Ref.:

Date:

Bank Guarantee No. ....

To,

Hindustan Prefab Limited,  
Jangpura,  
New Delhi: 110 014.

Dear Sirs,

In consideration of Hindustan Prefab Limited having its Head Office at Jangpura, New Delhi : 110 014 (hereinafter called the "Employer" which expression shall unless repugnant to the subject or context include its successors and assigns) having issued Notice Inviting Tender No..... M/s ..... having its Registered /Head Office at ..... (hereinafter called the "Tenderer" who wishes to participate in the said tender for ..... and you, have agreed to accept an irrevocable and unconditional Bank Bid Guarantee for and amount of Rs..... valid up to ..... on behalf of the tenderer in lieu of cash Deposit required to be made by the tenderer, as a condition precedent for participation in said tender.

We, the ..... Bank incorporated under ..... law and having one of our branches at ..... and having our Registered office/ Head office at ..... do hereby unconditionally and irrevocable guarantee and undertake to pay to the "Employer" immediately on demand without any demur reservation, protest, contest, and recourse to be extent of the said sum of Rs..... (Rs.....only).

Any such claim/ demand made by the said "Employer" on us shall be conclusive and binding on us irrespective of any dispute or difference raised by the tenderer. This guarantee shall be irrevocable and shall remain valid up to ..... If any further extension of this guarantee is required, the same shall be granted to such required period on receiving instructions from M/s ..... on whose behalf this guarantee is issued.

We the said Bank undertake not to revoke this guarantee during its currency except with the previous consent of the employer in writing and agree that any change in the constitution of the said tenderer or the said Bank shall not discharge our liability hereunder. In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this ..... day of ..... 2006 at.....

WITNESS:

1. (SIGNATURE)

(SIGNATURE)

(NAME).....

(NAME).....

(Designation with Bank Stamp).....

(OFFICIAL ADDRESS)

ATTORNEY AS PER  
POWER OF ATTORNEY NO.....

.....

DATE .....

2. (SIGNATURE)

(NAME)

(OFFICIAL ADDRESS)

.....

.....

NOTE:

1. The stamp papers of appropriate value shall be purchased in the name of “Issuing Bank”. The Guarantee shall be valid up to 90 days from the date of opening of Financial Bid.

G.C.C. 2010 (CPWD Form 7&8)  
(Complete with upto date  
amendements)

## **INTEGRITY PACT**

To,

.....,  
.....,  
.....

NIT No: HPL/TC/RC/RGI/2013-14/44

Dated: 05.03.2014

**NAME OF WORK: CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN  
INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION  
UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

Dear Sir,

It is here by declared that HPL is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the **Registrar General of India (RGI)** by HPL.

Yours faithfully

**Regional Co-ordinator**



## **INTEGRITY PACT**

To,

**Regional Co-ordinator (TC)**  
Hindustan Prefab Limited,  
Jangpura, New Delhi: 110 0 14

Sub:               **CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING  
INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF  
ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

Dear Sir,

I/We acknowledge that HPL is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that **THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by HPL. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, HPL shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

## INTEGRITY PACT

**To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of HPL.**

## **INTEGRITY AGREEMENT**

This Integrity Agreement is made at ..... on this ..... day of .....2012.

### **BETWEEN**

President of India represented through **Regional Co-ordinator (TC)**, Hindustan Prefab Limited, Jangpura, New Delhi-110014, on behalf of **Registrar General of India (RGI)** (Hereinafter referred as the '**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

### **AND**

.....  
(Name and Address of the  
Individual/firm/Company)

through..... (Hereinafter referred to as the

(Details of duly authorized signatory)

**"Bidder/Contractor"** and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

### **Preamble**

WHEREAS the Principal/Owner has floated the Tender(NIT No: HPL/TC/RC/RGI/2013-14/44 Dated: 05.03.2014) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for : **CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI.**

Herein after referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract

between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

### **Article 1: Commitment of the Principal/Owner**

- 1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
  - (c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

### **Article 2: Commitment of the Bidder(s)/Contractor(s)**

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
  - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the

Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

- b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal / Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents / representatives in India, if any. Similarly Bidder(s)/ Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
  - e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### **Article 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**
- 2) **Forfeiture of EMD/Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

### **Article 4: Previous Transgression**

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

#### **Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

#### **Article 6- Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, HPL on behalf of **Registrar General of India (RGI)**.

#### **Article 7- Other provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Head quarters of the Division** of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the

Owner/Principal in accordance with this **Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.**

**Article 8- LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

..... (For and on behalf of Principal/Owner)

..... (For and on behalf of Bidder/Contractor)

**WITNESSES:**

1. ....  
(Signature, name and address)

2. ....  
(Signature, name and address)

Place  
Dated

NAME OF WORK: CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN  
INCLUDING INTERIOR WORK FOR THE USE OF DATA  
DISSEMINATION UNIT (DDU) OF ORGI AT 2-A , MAN SINGH ROAD,  
NEW DELHI.

NIT No: HPL/TC/RC/RGI/2013-14/44 dated: 05.03.2014

### TECHNICAL SPECIFICATION



**HINDUSTAN PREFAB LIMITED**

(A GOVT. OF INDIA ENTERPRISE)

**JANGPURA, NEW DELHI : 110 014**

Phone No. : 011-43149800-899

Fax No. : 011-43149865

Website : [www.hindprefab.org](http://www.hindprefab.org)



# HINDUSTAN PREFAB LIMITED

JANGPURA, NEW DELHI-110014

## **Description of Item**

### **A. Prefabricated Puf Office Shelter**

**Design parameter:** complete in all respects as per the concept drawings attached including Design , Supply , Installation , Civil works including provision in structure for fitting of electrical & air- conditioners fixtures (All fittings & Fixtures will be paid separately), Electrical works as per the general specifications as detailed below & as per the directions of Engineer-in-Charge as per attached drawing .The Internal walls shall be up to the height of ceiling .

#### **1. PUF Walls Panels:**

The main wall puf panels will be made up of 50mm thick PUF Panels with guard film having ribbing pattern. The Panels will be made of 0.50 mm thick PPGI on both side with 49 mm thick layer of rigid CFC free polyurethane foam of density 40 kg +/- 2kg / cum as Insulation. The wall puf panels will be provided with tongue and groove joint and will be interlocked using with cam lock systems. Gable ends will also be covered with same Single required size panels as of wall. The wall panels at the corner will be joined by PPGI corner angle.

#### **2. False Ceiling:**

The false ceiling panels shall be made up of 50 mm thick with 0.50 mm thick PPGI with rigid CFC free polyurethane foam of density 40 kg +/- 2kg / cum as Insulation to be provided in verandah area Only.

#### **3. Puf panel manufacturing process:**

The Puf Panels will be manufactured in discontinuous plant using high pressure dispensing machine of required capacity to inject specified amount Iso-Cyanide and polyol liquid chemicals into the cavity of full panel in 2/3 shot. The impending machinery should be equipped with a PLC controlled panel for monitoring and controlling the injection rate to assure specified uniform density requirements. All panels will be moulded in place using the above in-situ process after placing them in a hydraulic press with heated aluminium platen so as to attain the desire finish, bonding and structural properties. All material required for the manufacture of shelter will be new and shall comply with relevant Bureau of Indian Standard specification. The PUF insulation material in the panel will have fire retarding and self extinguishing properties as per any international standard B2 DIN 410 2 part/BS-4735 Self Ext.

#### **4. PPGI Walls Cladding:**

The wall cladding shall be of PPGI trapezoidal profile PPGI sheet of 0.6mm thickness & shall be fixed on to the runners with suitable size STSD screws.

**5. Roofing:**

The roof shall be provided with a two way slope of 1:3 ratio with PPGI trapezoidal colour coated sheet 0.6mm thick. The roof shall have minimum projection of 300 mm from the eaves & gable wall. The roof sheets shall be fixed on to the steel frame work of trusses & purlins using STSD screws having suitable washers. The roof sheeting junction will be covered using 0.60mm thick PPGI ridge cover of 300 mm each on both slopes.

**6. Structural steel:**

The shelter will have suitable structural steel framework of trusses & purlins made up of RHS sections designed as per IS 875 suitable for conditions as mentioned in design parameter. The shelter shall also have suitable runners for fixing wall cladding. All steel work will be given two coats of red oxide zinc chromate primer by the manufacturer in the factory. All the steel items shall be painted using 2 coats of synthetic enamel paint of approved shade.

**7. Doors:**

The door shutter panel will be of 25mm thick puf panel having PPGI lipping all round duly fixed to the frame using 3 hinges. The door will be without fly mesh shutter. Each door shutter shall be having 1 Nos. aldrop of 250 mm , 1 nos 100 mm tower bolt fixed on inside & 2 nos 150 mm ' D ' shaped handle.

**8. Windows:**

Aluminium 2- way sliding window shall be provided with all fitments. The window frame and window shutter will be manufactured using suitable Aluminium Sections. The window shutter shall be provided with glazing of 5mm thick plain glass fixed using rubber gasket .The window shall be provided with fly proofing using SS mesh fixed from outside using aluminium flat & rivets.

**9. Sunshades:**

Suitable sunshades made out of 0.50 mm PPGI Sheets will be provided to all external windows and doors not covered under Verandah. The minimum projection for the sunshades will be 450 mm and 300 mm wider than the width of the opening.

**10. Electrification: Details as per attachment.**

**11. Civil Foundation & Flooring: As per standard engineering practices:-**

The foundation will be up to 600 mm below & 300 mm above the NGL & shall be covering the following aspects as per drawing.

**A.** Excavation of Earth-work & Backfilling of available excavated earth.

**B.** Providing & Laying in Position Cement Concrete in base 1:5:10(1 Cement: 5 Coarse Sand: 10 Graded Stone Aggregate 40 mm Nominal sizes).

- C.** Brick Work with bricks of class designation 75 in: Cement Mortar 1: 6 (1Cement: 6 Coarse Sand).
- D.** Providing & Laying Damp Proof Course (DPC) 75mm thick with Cement Concrete 1: 2: 4 (1 Cement: 2 Coarse Sand: 4 Graded Stone Aggregate 12.5mm Nominal size) over the brick work.
- E.** Sand Filling up to 50 mm over compacted earth.
- F.** Providing & Laying in Position Cement Concrete in floor 1: 3: 6 (1Cement: 3 Coarse Sand: 6 Graded Stone Aggregate 20mm Nominal size) 75 mm thick.
- G.** Providing & laying vitrified tile 600x600 size over PCC in floor as per specification. Providing & laying vitrified tile super glossy nano tech as per approved patterns with approved colour & make on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) sand mortar bed fixed with neat cement paste including fixing to required slopes, floating filling joints with white /coloured tile joints filling compound, curing etc. complete in all respects as per drawings and directions. (Basic rate Rs. 100/- sft). Make Kajaria, Somany NITCO or equivalent.
- H.** Cement Plaster - 12 to 15mm thick mix on the exposed external Brick wall over NGL in 1: 6 (1 Cement: 6 Fine Sand) finished with Water proofing Cement Paint Snowcem or equivalent of approved shade.
- I.** Plinth protection of average 50 mm thick 1:5:10 and 300 mm in width (Sloping from 3 inches to 1 inch).

# HINDUSTAN PREFAB LIMITED

( A GOVT. OF INDIA ENTERPRISE )

JANGPURA, NEW DELHI - 110 014.

CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING  
INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF  
ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI .

## Summary

S.No.	Particulars	Amount
A	PRE FAB STRUCTURE	
B	FIXED FURNITURE	
C	LOOSE FURNITURE	
D	FALSE CEILING	
E	CIVIL WORK	
F	INTERNAL WIRING	
G	FANS AND LIGHTING FIXTURES	
H	AIR CONDITIONING	
I	DISTRIBUTION BOARD	
J	FIRE DETECTION SYSTEM	
	<b>TOTAL</b>	
	<b>Rebate (If any)</b>	
	<b>Grand Total</b>	
	<b>Total in words</b>	



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

**CONSTRUCTION OF TEMPORARY PREFAB PORTA CABIN INCLUDING  
INTERIOR WORK FOR THE USE OF DATA DISSEMINATION UNIT (DDU) OF  
ORGI AT 2-A , MAN SINGH ROAD, NEW DELHI .**

**BILL OF QUANTITIES**

<b>PART-I ARCHITECTURE &amp; CIVIL WORK</b>					
<b>S.No.</b>	<b>PARTICULARS</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>	<b>Amount</b>
<b>A.</b>	<b>PRE FAB STRUCTURE</b>	SQ.M	150.00		
	Providing and fixing PREFAB STRUCTURE 6M.X23M size. Wall panel shall be made of 0.4mm thick pre painted galvanized sheet on both side of PUF . Total thickness of panel will be 50mm. Roof panels the corrugated roof made of sandwich panels of 0.4mm thick pre painted galvanized sheet on both side pUF total thickness of panel will be 30/70mm. single door leaf made of PUF panels with aluminium hinges/ door handles/ tower bolt – door sizes 900x2100 for rooms main entrance 1500x2100 mm and for toilet washroom 750x2100mm open able windows aluminium sliding panels with 4mm thick float glass aluminium handle. Standard window size 1000x1.35mm / civil work up to maz 300mm above the ground level with 300mm plinth protection per side( without septic tank and soak pit) flooring would be done by vitrified tiles. (Basic tile rate will be 60rs. Per sqft. If flooring item will change Rs. 1620/sqm will be deduct and items no.E-5 or E-6 will be add as extra item) accessories like U flashing, L flashing , ridge are made of PPGI sheet of thickness 0.45mm (As per specification attached at page No. 48-51)				
<b>A</b>	<b>SUB TOTAL A ( PREFAB BUILDING COST)</b>				
<b>B</b>	<b>FIXED FURNITURE</b>				
<b>1</b>	<b>PARTITIONS</b>				
a	Glass Partition	SQ.M	25.00		
	Providing and fixing in position glass partition in 12mm thk toughened clear glass Fixed with all necessary hardware and fixtures and required silicon filling for fixing.				

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
2	FRAME WORK for partition ( 2" x 2" )	RM	20.00		
	Providing & fixing frame work out of (2"x 2" ) salwood @ 600mm C/C in both directions for supporting the glass/ gypsum / solid partitions above ceiling Note : (i) Salwood to be treated with wood guard, Black Japan, Anti borer Spray.				
3	FRAME WORK for Laminated partition	SQ.M	10.00		
	providing and fixing laminated ply with wooden frame Partition work. Laminated as per design .within frame made of wood /glass /12mm ply/laminated as per approved shades.				
4	12mm ply + laminate skinning over frame in approved pattern & shade. Make of Ply/Laminate: reenply/greenlam, merino. century or equivalent	SQ.M	10.00		
5	Providing and fixing of Second class teak wood Frame along Door opening.	CUM.	0.15		
6	WOODEN FRENCH POLISHING: French spirit polishing Two or more coats on new works including a coat of wood filler/surface treatment with base primer coat.	SQ.M	24.00		
7	FILM ON GLASS PARTITION				
	Providing & fixing Garware make decorative film on glass partition of approved shade as per architect instruction with grooves etc. all complete. Note : Actual area of film installed will be measured and paid, no wastages will be considered	SQ.M	10.00		
8	12mm Ply PANELLING IN LAMINATE ( UPTO 900-2400MM HT.)providing and fixing panelling with framework of 30x50mm sal wood placed at min 600mm c/c in horizontal directions and vertical direction onlyq a at ends. Frame to be gladded with 12mm ply and glue gladded with laminate of approved shade and pattern exposed edge of the framework and ply to be cladded /covered with 12mmx45mm rectangular moulding duly polished/painted in required shade as per the instruction of the architect. Make: Greenply/ greenlam ,century, Merino or equivalent.	SQ.M	55.00		
<b>B</b>	<b>SUB TOTAL B (FIXED FURNITURE)</b>				
<b>C</b>	<b>LOOSE FURNITURE</b>				
1	DOORS				
a	Glass door (D1,D) -	<b>SQ.M</b>	10.00		
	Providing & fixing glass door upto size 3'TO 5' X 8'made out of 12mm thick Toughened glass with Top / bottom patch fitting with all necessary hardware as approved by architect (Cost to include cost of Handle, lock, floor spring )make--ozone/ebco				

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
2	STORAGE				
a	Low height storage in Laminate finish	SQ.M	5.00		
	P/F LOW HEIGHT STORAGE 1'2"TO 1'6" DEEP AS PER DWGS MADE OF 19MM.THK POSTFORMED COMMERCIAL BOARD/MDF WITH 0.75MM THK. LAMINATE ON IT. ALL NON POSTFORMED EDGES TO BE EDGELIPPED WITH 1MM THICK PVC EDGEING FIXED BY MEANS OF HOT MELT GLUE WITH SHUTTERS 18 MM THKMDF POSTFORMED FROM TWO SIDES AND EDGE BANDED WITH 2MM THICK PVC EDGE BANDING . THE SHUTTERS TO BE MADE IN MDF/ 3/4" COMMERCIAL BOARD WITH 1MM LAM ON FRONT AND COVERING LAM ON THE INSIDE . SHUTTERS TO MOVE ON SELF CLOSING HINGES. THE COST INC LOCK AND ARRANGMENTS FOR THE SAME.				
3	full Height Storage	SQ.M	21.00		
	P/S FULL HEIGHT STORAGE 1'2"TO 1'6" DEEP AS PER DWGS MADE OF 19MM.THK COMMERCIAL BOARD/MDF WITH 0.75MM THK. LAMINATE ON IT. ALL EDGES TO BE EDGELIPPED WITH 1MM THICK PVC EDGEING FIXED BY MEANS OF HOT MELT GLUE. SHUTTERS 18 MM THKMDF POSTFORMED FROM TWO SIDES AND EDGE BANDED WITH 2MM THICK PVC EDGE BANDING. THE SHUTTERS TO BE MADE IN MDF/ 3/4" COMMERCIAL BOARD WITH 1MM LAM ON FRONT AND COVERING LAM ON THE INSIDEIN 2 PARTS VERTICALLY WITH LOWER SHUTTER IN LINE AND LEVEL OF THE LOW HT CABINET BALANCE IN UPPER SHUTTER. . SHUTTERS TO MOVE ON SELF CLOSING HINGES. THE COST INC LOCK AND ARRANGMENTS FOR THE SAME				
4	Drawer for Files - Large Drawer Units	Nos.	6.00		
	Providing & fixing 350mm deep (size 456mmx1200mm height) storage with 25mm thk. E.B. Top and sides made out of 19mm commercial ply finished in 1mm thk .Cabinet with Four larger drawers with similar size & all necessary fittings required and designs of architects with all internal surfaces finished.- Make Laminates/Plywood- Greenlam/Greenply, Merino, Century or equivalent design & make as per working drawing and color and shade finishes as approved by Architect.				
	WORK STATION FOR STAFF 18nos.				

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
5	WORK STATION for STAFF in laminate finish				
a	65mm thk. Partition of 1230mm ht. Lam/soft board double skin modular partions made out of aluminium extruded frame sections. frames to be inserted with 8mm/10mm/12mm pre-laminated panels/fabric gladded soft board panels . 2nos.aluminium extruded serviceable raceways. Laminated ply board, Laminates/Plywood- Greenlam/Greenply, Merino, Century or equivalent design & make as per working drawing and color and shade finishes as approved by Architect.	SQM	25.00		
b	providing and fixing Worktop 25mm Thk. PLPB laminated top edge banded with 1.5 mm pvc edge banded tape top to have hole for cable manager ,fitted with cable manager ,top to be fixed with modular partition and wall. Laminates/Plywood-Greenlam/ Greenply, Merino, Century or equivalent designed as per working drawing-rectangle or L-shaped and color and shade finishes as approved by Architect.				
c	Size: 1200x600mm	SQ.M	18		
d	metallic Keyboard Tray	No.	18		
e	CPU Trolley (CRCA)				
f	Size: 220x250x250mm	No.	18		
h	Glass-work -providing and fixing glass partition in work stations glass 10mm thick toughned glass with strips design work /Etching or printing in glass fixed with ss D clip/or approved fittings with second class teak wood bead .as per approved design /make- saint gobain, modi guard glass or equivalent	SQ.M	10		
6	Executive Desk Size: (5'6" X 3' ) with side unit ( 3'0" x 1'4" ) in laminate finish				
	Providing & fixing Table5'6" x 3'6" & side unit 3'0" x 1'4" & 2'-3"ht for Back Desk made out of 19mm thk prelam /post-laminated commercial ply for base & modesty. 25 mm thk edge banded/post formed top in required shape as per drawing. base consists of 425 x 75 x 650 mm thick verticals with 25 mm dia & 75mm ht s.s studs joined together by 18mm thick front modesty finished with laminate. side unit with shutter on self closing hinges/sliding, , locks, S.S. Handle, wire manager etc. complete in all respects as per drawing.	SQ.M	3.00		



S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
7	Corner Table				
	Providing & fixing table 750x750mm size top with 25thk. Top with approved shade of laminate. Base made out of 25mm thk. Commercial ply/board, 12mm thk. ply for fixing base with the top.	No	2.00		
8	Centre table				
	Providing & fixing table 900x600mm size top with 19 commercial ply base over 1mm lam of approved shade as per detail drawing	No	2.00		
9	Printer cabinet				
	Providing & fixing printer cabinet 900mmx600mm sizes Top made out of 18mm commercial ply board finished with approved shade of laminate. Design as per working drawings detail table height 750mm. Laminates/Plywood-Greenlam/Greenply, Merino, Century or equivalent design & make as per working drawing and color and shade finishes as approved by Architect	No	2.00		
10	Reception Table in laminate finish				
	Providing & fixing reception table 5'0" X 3'0" (1600mmx900mm) in two levels top. Main top made out of 36mm thk. Stone, higher top made out of 36mm stone, front apron in 12mm thk. Commercial ply finished with laminate. Main top rested on modesty in two levels finished with laminate. Table consist of keyboad tray with lock, CPU & UPS cabinet with shutters having lock provision etc. with all necessary fittings required. Top to be supported on Gable end made out of 25mm thk. Commercial ply board. Laminates/Plywood- Greenlam/ Greenply, Merino, Century or equivalent designed make as per working drawing and color and shade finishes as approved by Architect	Nos	1.00		
11	SEATING CHAIRS,SOFA				
a	Executive Revolving Chairs High back chairs made with leatherette back/ leatherite upholstered & moulded foam seat, chrome plated 5 arm chrome base with castors, synchro tilt mechanism, ergonomic adjustments, gas lift, adjustable armrest in PU.	Nos.	2.00		
b	STAFF CHAIRS - MAKE – Amardeep ,Spark ,richmond, Geeken ,Delitekome or equivalent				
	Chairs providing staff chairs made with latherite back & moulded foam seat, chrome plated 5 arm chrome base with castors, synchro tilt mechanism, gas lift, adjustable armrest in PU.	Nos.	18.00		

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
c	Visitor Chairs				
	Visitor Chairs made with leath rite back & moulded foam seat, chrome plated 5 arm chrome base with castors,,gas lift, armrest in PU. ,Geeken /Spark or equivalent	Nos.	5.00		
d	WAITING AREA SEATS/Sofa 1 (single)& 3 (Three )seaters as per design approval/ Spark,Geeken, Amardeep-Callis or equivalent : 1/2/3Seater Sofa With Cushion in Seat & back with arms, supported by Outer frame in Stainless Steel				
i	Two seater sofa, Size : 1350mmW x 750mm D x 750mm H	No.	2.00		
ii	Three Seater Sofa, Size : 1800mmW x 750mm D x 750mm H	No.	2.00		
12	Roller (Horizontal)Blinds				
a	Providing & fixing chick type Horizontal blinds as per approved shade & make-Vista or equivalent	SQ.M	15.00		
<b>C</b>	<b>SUB Total C (LOOSE FURNITURE)</b>				
<b>D</b>	<b>FALSE CEILING</b>				
1	False ceiling -Grid Type 600mmx600mm	sqm	150.00		
	Providing and Fixing 15 mm thick densified regular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry				

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
	wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid, including, cutting/making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/m °K, as per specifications, drawings and as directed by engineer in charge. Make- Eco-friendly, calcium silicate, false ceiling tiles, Aerolite or Armstrong Mineral fiber acoustical ceiling tiles RH 99/600mmx600mm /15-16 mm thick or equivalent make approved by Architect/Engineer In-charge				
2	GYPSUM Board False Ceiling				
	Providing and fixing in position Gypsum Board False Ceiling as per manufacturer's specifications and instructions with 12.5 mm thick 'Gypboard' Screw-fixed to the underside Of suspended G.I. grid. G.I. grid should be Constructed and suspended from the main ceiling as per manufacturer's instructions and as per specifications using Original Co. Specified Framework Sections G.I.24 gauge The Gypboard should be fixed to G.I. grid with 25 mm long Drawali Screws. The 'Gypboard' to be used should be 12.5mm thick tapered edge boards. The boards should Be taped and filled from underside to give smooth, seamless ceiling. The rate should include necessary additional ceiling sections and intermediate channels openings for light fixtures, A.C. ducts, vertical drops, offsets. etc. Additional Intermediate channels should be fixed to strap hangers for additional support to prevent strap hangers from buckling/swaying at every 1200 mm. Item to be completed in all respect including necessary sleeves for ducts finishing of joints cut outs supports for A.C. grills, light fixtures, speakers etc. Make: Gypsum board-India Gypsum. Paint-Asian/ICI or equivalent.	SQ.M	65.00		
	GYPSUM VERTICALS ( ht :- 6" to 1'-0")	Rnm.	85.00		
<b>D</b>	<b>SUB Total D (FALSE CEILING / PAINTING)</b>				

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
<b>E</b>	<b>CIVIL WORK</b>				
1	P O P PUNNING				
	Providing and applying plaster of paris putty of 2 to 12 mm thickness over plastered surface to prepare the surface even and smooth complete.	<b>SQ.M</b>	260.00		
2	Providing and applying white cement based water proof putty of average thickness 1mm,of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make-Birla ,JK or equivalent white water proof putty,	<b>SQ.M</b>	260.00		
3	CEMENT PLASTER:20 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	<b>SQ.M</b>	100.00		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth, 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size	<b>Cum</b>	3.00		
5	VITRIFIED TILE FLOORING (2' X 2' ) super glossy nano tech.	<b>SQ.M</b>	140.00		
	Providing & laying vitrified tile super glossy nano tech as per approved patterns with approved colour & make on 1:2:8 cement: lime: sand mortar bed fixed with neat cement paste including fixing to required slopes, floating filing joints with white /coloured tile joints filing compound, curing etc. complete in all respects as per drawings and directions. (Basic rate Rs. 100/- sft).Make Kajaria,Somany NITCO or equivalent.				
6	WOODEN LAMINATE FLOORING IN EXECUTIVE ROOM Providing and fixing 8-10mm thick laminated planking tongued and grooved in flooring ,including fixing with glue ,backing or balancing layer complete with laminated flooring make Armstrong,LG, Pergo or equivalent ..	<b>SQ.M</b>	52.00		
7	Floor Tiles in passage and open area: Providing and laying Vitrified tiles (Hi Traffic)in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Make-johnsons Endura ,Kajaria or equivalent.	<b>SQ.M</b>	900.00		
8	Providing and applying thin coat of plaster of paris over Polythene sheet underlay on the flooring to prevent any damage during the work in progress.	<b>SQ.M</b>	140.00		
9	Dismantling &Demolition & Taking Away Debris(flooring)Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 2 KM lead. For thickness of tiles above 25 mm and up to 40 mm	<b>SQ.M</b>	1,000.00		

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
10	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 2KM initial lead, for all leads including all lifts involved.	Cum	40.00		
11	Chase work in Floor	RMT	15.00		
12	Painting	SQ.M	260.00		
	Painting with plastic emulsion Paint of approved shade and colour of approved shade and colour Paints or equivalent make with two coats of putty, two coats of approved primer, and three coats of approved paint, including preparation of surface, scrapping, sand papering, scaffolding, all materials, labour etc complete. MAKE- Asian paints, Nerolac, Berger or equivalent.				
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture. MAKE- Asian paints nerolac, Berger or equivalent.	SQ.M	30.00		
<b>E</b>	<b>SUB Total E (CIVIL WORK)</b>				

## PART II -ELECTRICAL WORK

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
<b>F</b>	<b>INTERNAL WIRING</b>				
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
	Group c	Point	40.00		
2	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit as required				
	2 X 2.5 sq mm + 1 X 2.5 sq mm earth wire	Mtr	125.00		

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amp modular socket outlet and 5/6 amps modular switch, connection etc. as required(For light plugs to be used in non residential buildings).	Each	60.00		
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	20.00		
5	Wiring for light plug/power plug with 2X4 Sq mm FRLS insulated copper conductor single core cable in surface/recesses medium class PVC conduit along with 1 no 4 sq.mm FRLS PVC insulated copper conductor single core cable for loop earthing as required	Mtr	900.00		
6	Supply and fixing modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required.				
a	15/16 Amp switch	Each	18.00		
b	Telephone outlet socket	Each	18.00		
c	Cat 6 Lan Socket	Each	18.00		
7	Providing, fixing connecting and testing of under noted size of solder-less telephone tag block Krone make in surface/recess in wall required size of M.S. box with hinged lockable cover duly stove enamel painted.				
a	10 pair tag block	no	2.00		
8	Supplying and drawing following pair 0.5 sq mm FRLS PVC insulated annealed copper conductor ,unarmored telephone cable in the existing surface/recessed steel/PVC conduit as required.				
a	2 Pair	Mtr	360.00		
9	Supplying and drawing LAN cable cat.6,4 pairs in existing PVC conduit as required Make:- Delton/D-link/Skyton	Mtr	360.00		
10	24-port unloaded Modular Jack Panel.	no	1.00		
11	6 U wall mount Rack	no	1.00		
	Supplying & fixing 24 port 10/100 semi managed unmanaged switch	no	1.00		
<b>F</b>	<b>SUB Total F ( INTERNAL WIRING)</b>				

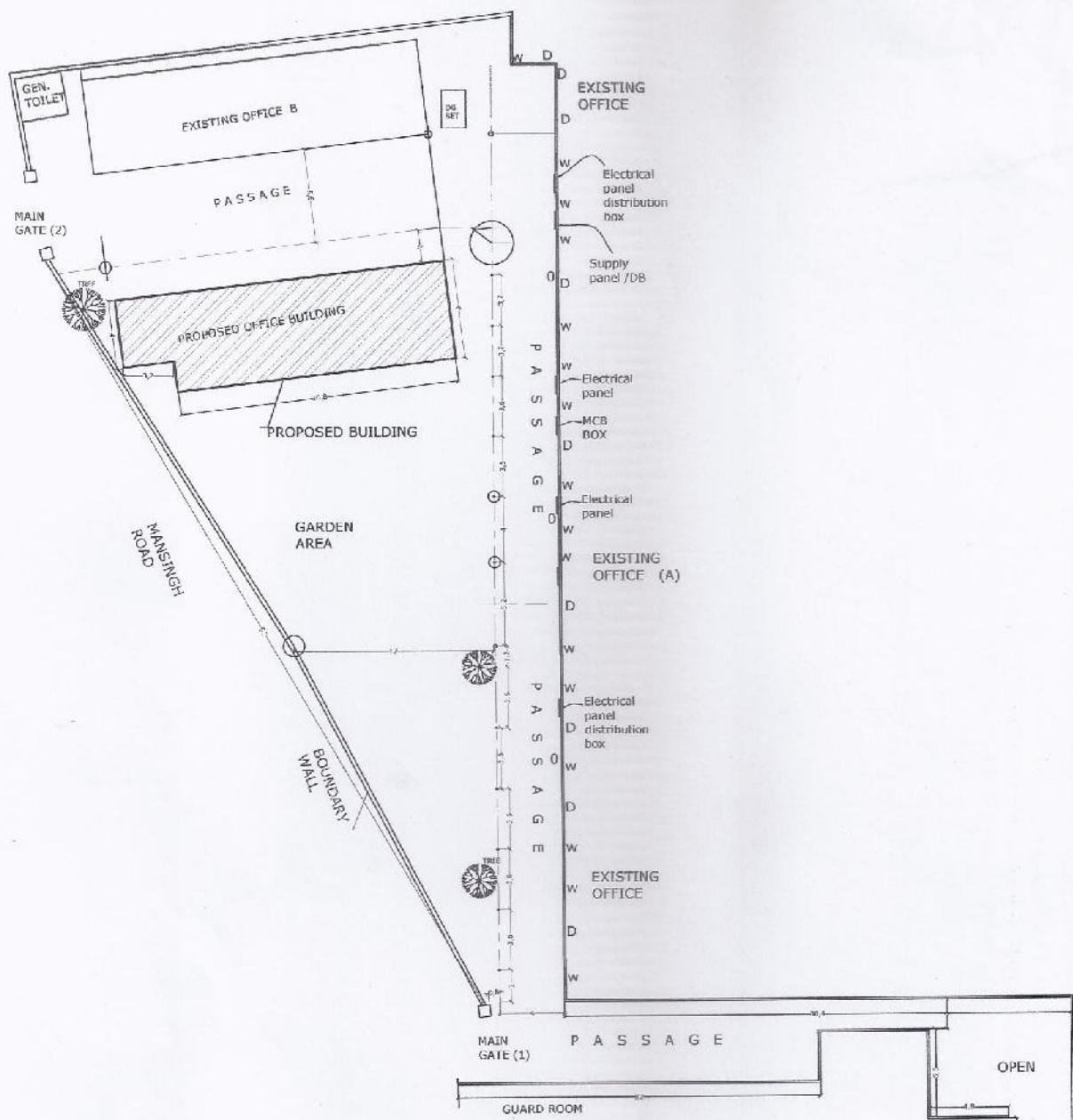
S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
<b>G</b>	<b>FANS AND LIGHTING FIXTURES</b>				
1	Providing & fixing fixtures/fittings/fans on walls/in false ceiling etc including FL-Lamps, connection of fixture/fan with outlet point using 3 core 1.5sqm wire complete as required.				
a	1X 36 W recessed mounting LED luminaire with CRCA stell sheet housing natural white in colour with 2' X 2' in size MAKE:- Bajaj/HPL/Philips	Each	20.00		
b	1 X 18W recessed mounting CFL downlighter MAKE:- Bajaj/HPL/Philips	Each	20.00		
c	Supplying, erection, connecting, testing and commissioning of wall bracket fan 400 mm sweep with step speed regulator complete as required. Make:- Usha/Havells/Crompton Greaves	Each	5.00		
<b>G</b>	<b>SUB Total G ( FANS AND LIGHTING FIXTURES)</b>				
<b>H</b>	<b>AIR CONDITIONING</b>				
1	P/I/T/C of window air conditioner of following capacity i/c MS powder coated/painted stand required capacity of voltage stablizer(5KVA) and misc item required for functional of air conditioner. The job include of chasing/cutting and making good the same Make:- Blue star/Hitachi/Voltas				
a	1 ton (2 star rating)	Each	1.00		
b	2 ton (1 star rating)	Each	3.00		
2	P/I/T/C of split air conditioning of following capacity i/c MS powder coated/painted stand required capacity of voltage stablizer(5KVA) and misc item required for functional of air conditioner. The job include of chasing/cutting and making good the same( 2 Tr. with 3 star rating) Make:- Blue star/Hitachi/Voltas	Each	2.00		
3	Supply and installation of power Cable for air conditioner	mtr	40.00		
4	Supply and Installation of copper Refrigerent pipe(5/8",3/4",1/4" as required) For Ac with insulation material for air conditioner	mtr	40.00		
5	Supply and installation of PVC Drainage pipe for AC	Mtr	40.00		
6	Supplying and fixing 32 amp,240 volts SPN industrial type, socket outlet with 2 pole and earth metal enclosed plug top alongwith 32 amp "c" curve SP MCB in sheet steel enclosure on surface or in recess with chained metal cover for the socket outlet and complete with connections testing and commissioning etc. as required.	Each	6.00		

S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
7	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit as required				
a	2X6 sq.mm + 1X6 sq mm earth wire	Mtr	150.00		
<b>H</b>	<b>Sub Total H (AIR CONDITIONING)</b>				
<b>I</b>	<b>DISTRIBUTION BOARD</b>				
1	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FRLS PVC insulated copper conductor upto the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator). (Note : Prewired vertical type MCB TPDB is normally used where 3 phase outlets.				
a	12 way double door	Nos	1.00		
2	Supplying and fixing of following ways prewired TP&N MCB distribution board of steel sheet for 415 volts on surface / recess complete with loose wire box, terminal connectors for all incoming and outgoing circuit, duly pre wired with suitable size FRLS PVC insulated copper conductors upto terminal blocks, tinned copper bus bar, neutral link,earth bar,din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required(But without MCB/RCCB/isolator)				
a	12 way (4+36), double door	nos	3.00		
3	Providing and fixing following rating and breaking capacity MCCB in cubicle panel board including drilling holes in cubicle panel, making connection etc. As required				
	125amp ,16 KA	nos	4.00		
4	supplying and fixing 5 amps to 32 amps rating of SP MCB, 240 volts, "C" series, miniature circuit breaker suitable for inductive load in existing MCB DB complete with connections, testing and commissioning etc., as required.	Each	144.00		
<b>I</b>	<b>Sub Total I (DISTRIBUTION BOARD)</b>				



S.No.	PARTICULARS	Unit	Qty.	Rate	Amount
<b>J</b>	<b>FIRE DETECTION SYSTEM</b>				
1	Supply, installation, testing and commissioning of microprocessor based analog addressable intelligent fire alarm control panel (2) loop complete with central processing unit. Network communication card RS-485 port, 8 lines, 21 character (168 Characters) graphic LCD display with primary power supply at 230V with 24/36 volts. Sealed maintenance free (SMF) batteries backup (as per IS) complete with solid state boost/trickle automatic battery charger. The panel shall have integral two way communication & voice evacuation facility address system with 8 channel zoned switch amplifier and auto voice dialing facility. The panel shall have UL listed field controlled from PC graphics software compatible to IBMS, security surveillance system , Public address system etc. as required. Make:-Notifier or equivalent	Set	1		
2	Supply, installation, testing and commissioning of Multi Cooperative Sensing Analog addressable Photoelectric smoke detector with hard addressing from 0 to 99 addresses, mounting based LED, complete as required. Make:- Honeywell/Appollo/Edward	Each	15		
3	Supply, installation, testing and commissioning of hard addressable type manual call point, 1 stage with in-built LED, lighting up automatically to confirm its actuation complete as per specification as required. Make:- Honeywell/Appollo/Edward	Each	1		
4	Supply, installation, testing and commissioning of UL/EN listed wall mounted hooter with strobe (100 dba) complete as per specification as required. Make:- Honeywell/Appollo/Edward	Each	1		
5	Supplying, laying, testing and commissioning of point wiring for following sensors and devices with 2 x 1.5 sq.mm FRLS PVC insulated multi-stranded single core copper conductor wire in M.S. conduit with conduit accessories including loop circuit from main fire alarm panel located at ground floor in fire control room complete as required.	RM	300		
a	Wiring for smoke/heat detectors.				
b	Wiring for manual call point.				
6	Supplying, laying, testing and commissioning of point wiring for hooters with strobe circuits with 2 pair 1.5 sq.mm copper conductor flexible wire (1 pair shielded and 1 pair unshielded) including loop wiring from MFCP in M.S. conduit with conduit accessories complete as required.	RM	50		

<b>J</b>	<b>Sub Total J ( FIRE DETECTION SYSTEM)</b>				
<b>TOTAL(A+B+C+D+E+F+G+H+I+J)</b>					
<b>Rebate (If any)</b>					
<b>GRAND TOTAL</b>					
<b>TOTAL IN WORDS</b>					



**SITE PLAN**



DRAWING:

PROPOSED SITE PLAN OF PRECAB  
BUILDING FOR RICHENS OF INDIA  
NEW DELHI - 110011

CLIENT:

R.C.

DRAWN BY:

CHAKRABARTY

APPROVED BY:

25-01-2014

ISSUED ON:

25-01-2014

SHEET NO.:

01

OF 01

ARCH-DIVISION

ANITA PESH SHUKLA

PH. 91-9910898857



HINDUSTAN PREFAB LIMITED

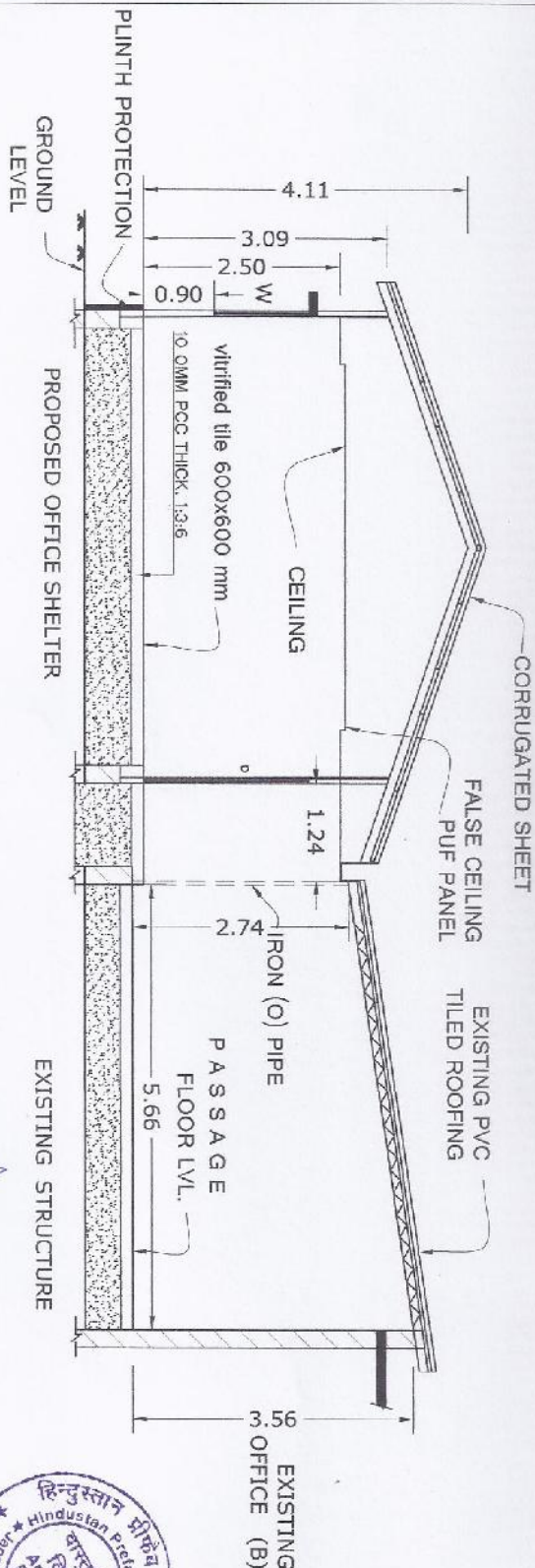
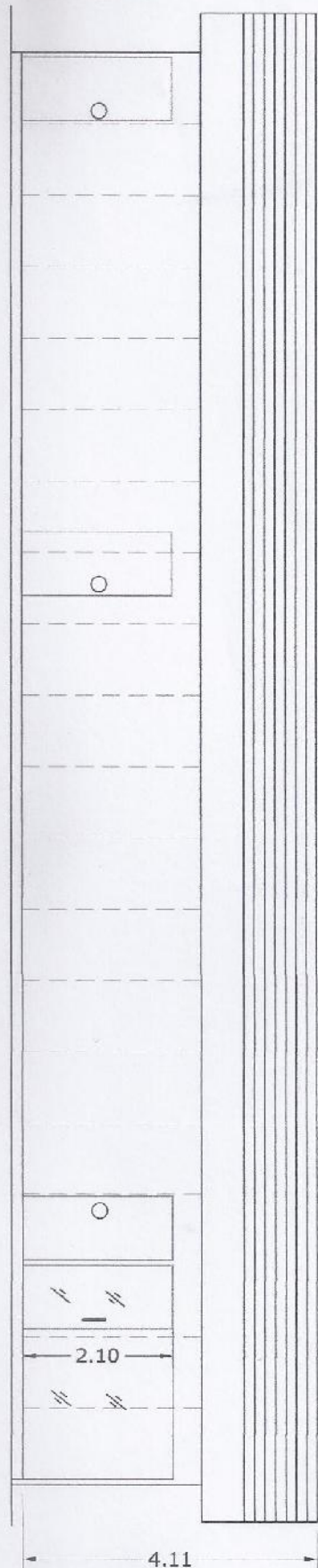
A GOVT. OF INDIA ENTERPRISE

JANGPURA NEW DELHI-110014





# FRONT ELEVATION



DRAWING:  
SECTION & ELEVATION OF  
PREFAB BUILDING FOR R.G.I.  
(CENSUS OF INDIA) NEW DELHI-110014

CLIENT:	DATE:	SCALE:	SHEET SIZE:	NO. OF SHEETS:	NO. OF SHEETS USED:
R.G.I.	17/02/2014	1:10	A3	1	1

HINDUSTAN PREFAB LIMITED  
A GOVT. OF INDIA ENTERPRISE  
JANGPURA NEW DELHI-110014









