

INTER UNIVERSITY ACCELERATOR CENTRE
(AN AUTONOMOUS CENTRE OF UNIVERSITY GRANTS COMMISSION)

TENDER DOCUMENT

FOR

“Interior Designing Work of Auditorium including balance Civil Works, Acoustical, Internal electrical and Fire fighting Works at IUAC Campus, New Delhi”

TENDER NO: IUAC/NIT/15/AUDI – INTERNAL- FRN/KKS/2016-17

DATE OF OPENING OF TECHNICAL BID : 27/01/2017

Tender Document issued to:

..... (Name of Tenderer)

..... (Address of Tenderer)

.....

.....

(Signature of officer issuing Documents

with Designation and Date of issue)

**INTER UNIVERSITY ACCELERATOR CENTRE
ARUNA ASAF ALI MARG, POST BOX NO. 10502
NEW DELHI -110067**

IUAC
TENDER AND CONTRACT DOCUMENT
CONTENTS

S.No.	Details	Page
PART – 1 (Technical Bid)		
SECTION No 1	Notice Inviting Tender and Instructions to Bidders.	03-24
SECTION No 2	Tender and Contract Form	44-46
SECTION No 3	Special Conditions	47-49
SECTION No 4	Schedules A to F	50-57
SECTION No 5	General Specifications , Approved Makes	58-72
SECTION No 6	Drawings (1 to 16)	73-74
*Tender and Contract Documents works 2015 (Compilation of Sections 1 to 6) is available with all correction slips upto date, in IUAC website www.iuac.res.in		
PART – 2 (Financial Bid)	SCHEDULE (BILL) OF QUANTITIES	75-116
PART -3	General Conditions of Contract *	117
Section No 7	Conditions of Contract	GCC 01 - 167
Section No 8	Clauses of Contract	
Section No 9	RITES Safety Code	
Section No 10	RITES Model Rules for Protection of Health and Sanitary Arrangements for Workers	
Section No 11	RITES Contractor’s Labour Regulations	
*General Conditions of Contract 2015 (Compilation of Sections 7 to 11) is available with all correction slips upto date, in IUAC website www.iuac.res.in		
PART -4	Annexure	
	Annexure I to XI	29-43
	Performa	
	Performa 1 to 3	25-28

PRESS NOTICE
NOTICE INVITING TENDER

INTER UNIVERSITY ACCELERATOR CENTRE (IUAC)
(AUTONOMOUS CENTRE OF UNIVERSITY GRANTS COMMISSION) New Delhi
TENDER NO: IUAC/NIT/15/AUDI – INTERNAL- FRN/KKS/2016-17

Director, IUAC invites sealed tenders from contractors who fulfill Qualifying Criteria stipulated in tender documents for “**Interior Designing Work of Auditorium including balance Civil Works, Acoustical, Internal electrical , Surveillance and Fire fighting Works at IUAC Campus, New Delhi**”

Estimated cost of work: - **Rs. 5,43,35,730.00**
(**Five Crore forty three lakh thirty five thousand seven hundred thirty only**)

Completion Time:- 6 Months,

Earnest Money Deposit: - **Rs. 11,00,000.00 (Eleven lakh)**

Last Date and Time of Submission of Tender :- **27/01/2017.at 2:30 PM.**

Date & Time for opening of Tender :- **27/01/2017.at 3:30 PM.**
(Technical bid - Part-A)

Tender Document can be purchased from Administrative Officer (S&P), Inter University Accelerator centre, Aruna Asaf Ali Marg, New Delhi-110067.Tel No. 011-26892601, at a cost of **Rs. 5000/-** by submitting a Demand draft in favour of “ Director, IUAC” , Payable at New Delhi,. from **5/1/2017 to 26/1/2017** (Except Sat, Sun & Public Holidays). From 10: 00 AM to 4:00PM. The tender documents can also be downloaded from IUAC web site “www.iuac.res.in”. For any clarifications / amendments / corrigenda etc. to NIT before last date of submission of tender will only be available on IUAC website.

**INTER UNIVERSITY ACCELERATOR CENTRE (IUAC)
(AUTONOMOUS CENTRE OF UNIVERSITY GRANTS COMMISSION) NEW DELHI
TENDER NO: IUAC/NIT/15/AUDI – INTERNAL- FRN/KKS/2016-17**

Director, IUAC invites sealed tenders in Duplicate from contractors who fulfill Qualifying Criteria stipulated in tender documents “**Interior Designing Work of Auditorium including balance Civil Works, Acoustical, Internal electrical , Surveillance and Fire fighting Works at IUAC Campus, New Delhi**”

**Estimated cost of work: - . Rs. 5,43,35,730.00
(Five Crore forty three lakh thirty five thousand seven hundred thirty only)**

Completion Time:- 6 Months,

Earnest Money Deposit: - Rs. 11,00,000.00 (Eleven lakh)

Last Date and Time of Submission of Tender in Duplicate : 27/01/2017.at 2:30 PM

**Date & Time for opening of Tender: - 27/01/2017. at 3:30 PM
(Technical Bid Part –A)**

**Address for submission of tender : Administrative Officer(S&P),
Inter University Accelerator centre
Aruna Asaf Ali Marg, Post Box: 10 502
New Delhi - 110067.**

Place of Opening of the Tender : Inter University Accelerator Centre, New Delhi

Tender Documents an be purchased from Administrative Officer (S&P), Inter University Accelerator centre, Aruna Asaf Ali Marg,New Delhi-110067.Tel No. 011-26892601, at a cost of **Rs. 5000/-** (Rupees Five thousand Only) by Demand draft in favour of “ Director , IUAC, New Delhi” from **5/1/2017 to 26/1/2017** (Except Sat, Sun & Public Holidays) from 10: 00 AM to 4:00PM. The tender documents can also be down loaded from IUAC web site “www.iuac.res.in” . If the bidder submits bid on down loaded copy then he has to submit tender cost **Rs. 5000/--**(Rupees Five thousand Only) in form of Demand draft payable to The Director, IUAC, at New Delhi. For any clarifications / amendments / corrigenda etc. to NIT before last date of submission of tender will only be available on our website. Therefore, Bidders are requested to keep visiting the web site.

Section - 1

**NOTICE INVITING TENDER AND
INSTRUCTIONS TO TENDERERS**

SECTION 1

NOTICE INVITING TENDER AND INSTRUCTIONS TO TENDERERS

1.0 GENERAL

1.1 Tender Notice

Tenders are invited by IUAC (Employer) from working contractors (including contractors who have executed works within the last five years reckoned from the date of opening of tenders) of Railways, IUAC, CPWD, MES, DOT, RITES, State PWD or any other Central / State Government Undertaking Municipal Body, Autonomous Body or Public Ltd., Co. listed on BSE/NSE for the work for **“Interior Designing Work of Auditorium including balance Civil Works, Acoustical, Internal electrification, Surveillance and Fire fighting Works at IUAC Campus, New Delhi”**.

(Note: Throughout these bidding documents, the terms ‘bid’ and ‘tenders’ and their derivatives are synonymous. Similarly Employer/IUAC/Accepting Authority means Inter University Accelerator Centre. Engineer in Charge means Authorised Representative of RITES, GCC means General Condition of Contract of RITES LTD.

1.2 Estimated Cost of Work

The work is estimated to cost **Rs. 5,43,35,730.00 (Five Crore forty three lakh thirty five thousand seven hundred thirty only)**. The estimate is generally based on **CPWD Delhi Schedule of Rates 2014 enhanced by -0.95% and on market rates for non-schedule items. This Estimate, however, is given merely as a rough guide.**

1.3 Time for Completion

The time allowed for completion of the work will be **6 Months** from the 15th day after the date of issue of Letter of Acceptance 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.

1.4 Brief Scope of Work

Interior Designing Work of Auditorium like flooring, Acoustical, false ceiling, furniture, Internal electrification , Surveillance and Fire fighting Works.

1.5 Availability of Site

Site for the work is available.

1.6 Basic conditions for issue of Tender Document: - **Deleted**

2.0 QUALIFICATION CRITERIA TO BE SATISFIED

2.1 The Qualification Criteria to be satisfied are given at **Annexure I** enclosed.

2.2 The work for which the Tender is being invited falls under the category of **Normal work**.

- 2.3 Difficult area includes North East States, Jammu & Kashmir, Jharkhand, Chhattisgarh and Andaman & Nicobar Islands. Normal area covers all areas other than difficult area. The work for which this Tender has been invited falls under **Normal area**.
- 2.4 In this Tender Joint Venture is **not allowed**.
- 2.5 The documents to be furnished by the Bidder to prove that he is satisfying the Qualification Criteria laid down should all be in the Bidder's name, except in cases where though the name has changed, the owners continued to remain the same and in cases of amalgamation of entities.
- 3.0 FORMAT AND CHECK LIST FOR SUBMISSION OF INFORMATION ON QUALIFICATION CRITERIA**
- 3.1 Other than Joint Ventures**
The tenderer shall furnish a Letter of Transmittal as given in **ANNEXURE II A** enclosing the documents mentioned therein/listed in **para 7(a) of Annexure I**
- 3.2 Joint Ventures (For Large Works) - Not Applicable**
- 3.3 Joint ventures (For Normal Works) – Not Applicable**
- 4.0 CONTENTS OF TENDER DOCUMENT**
- 4.1 Each set of Tender or Bidding Document will comprise the Documents listed below and addenda issued in accordance with para 7 :

PART – 1 :- Technical Bid Packet

(Read with Correction Slips-.1 to 6 upto dated 09.08.2016.)

- Section 1 Notice Inviting Tender and Instructions to Tenderers.
- Section 2 Tender and Contract Form.
- Section 3 Special Conditions.
- Section 4 Schedules A to F
- Section 5 Technical Specifications
- Section 6 Drawings

PART – 2 :- Financial Bid Packet

Schedule of Quantities (Bill of Quantities)

PART – 3:- General Conditions of Contract

(Read with correction Slip Nos. NIL)

- Section 7 Conditions of Contract
- Section 8 Clauses of Contract
- Section 9 RITES Safety Code
- Section 10 RITES Model Rules for protection of Health and Sanitary arrangements for Workers
- Section 11 RITES Contractor's Labour Regulations

4.2 General Conditions of Contract (Compilation of Sections 7 to 11) with upto date correction slips is also available in IUAC website “www.iuac.res.in”.

5.0 ISSUE OF TENDER DOCUMENT

5.1 A complete set of Tender Document (Technical ,Financial Bid and General Condition Of Contract) described in Para 4.1 above can be seen in the office of the Project coordinator, Engineering Building ,IUAC Campus, New Delhi-67, between hours of **11.00 AM and 4.00 PM** every day except on Saturdays, Sundays and Public Holidays.

5.2 Tender Documents may be purchased on submission of an application from the office of **Administrative Officer (S&P), Inter University Accelerator centre** Aruna Asaf Ali Marg, New Delhi-110067., Tel No. 011-26892601,03 from **5/1/2017 to 26/1/2017** for a non refundable fee per set of **Rs. 5000/- (Rupees Five Thousand Only)** in the form of Demand Draft/ Pay Order/ Banker’s cheque drawn on any Scheduled Bank payable at **Delhi** in favour of **Director, Inter University Accelerator Centre** .

5.3 Tender Documents including drawings can also be downloaded from **IUAC** Website (Error! Hyperlink reference not valid.) and in such case, the tenderer shall deposit the cost of tender documents unless he is exempted from such payment as a matter of Government Policy (Registered under SSI for similar works) . He is required to submit necessary documents in support of exemption of Tender cost along with submission of tender, failing which his tender shall not be opened. The cost of tender documents shall be deposited in the form of a separate Demand Draft/ Pay Order and enclosed in the envelope containing the Earnest Money Deposit. In case the Tenderer is exempted from payment of Cost of Tender Document, the onus of proving such exemption shall rest with Tenderer and proof of the same shall be placed in the envelope meant for Earnest Money. The amendments / clarifications to the Tender documents will also be available on the above website.

5.4 Tender documents downloaded from **IUAC website (www.iuac.res.in)**<http://www.iuac.res.in/> shall be considered valid for participating in the tender process. During the scrutiny of downloaded tender document, if any modification/correction etc. is noticed as compared to the original documents posted on the website, the bid submitted by such a tenderer is liable to be rejected. In case the bid of a Tenderer who has downloaded the document from website is accepted the contract shall be executed in the original / manual tender document issued by the concerned IUAC officer.

5.5 Clarifications on Tender Documents

A prospective Tenderer requiring any clarification on the Tender Document may notify **Administrative Officer (S&P), Inter University Accelerator Centre** Aruna Asaf Ali Marg, New Delhi-110067. in writing or by telefax or by E-mail at the following address.
E-mail “ joseph@iuac.res.in”.

In cases where Pre-Bid Meeting is not proposed to be held, request for clarifications including request for Extension of Time for submission of Bid, if any, must be received not later than 10 (ten) days prior to the deadline for submission of tenders. Details of such questions raised and clarifications furnished will be uploaded in IUAC website without identifying the names of the Bidders who had raised the questions. Any modification of the Tender Document arising out of such clarifications will also be uploaded on IUAC website only.

In cases where Pre-Bid Meeting is proposed to be held, provisions in para 6.0 below may be referred to.

6.0 PRE-BID MEETING :- NOT APPLICABLE

- 6.1 The Tenderer or his official representative is invited to attend a pre-bid meeting which will take place at the Office of _____ on _____ at _____.
- 6.2 The Tenderers are required to submit any question on issues relating to the tender, in writing or by telefax or by E-mail so as to reach _____ (the official nominated for this purpose) not later than 3 (three) days before the date fixed for the meeting.
- 6.3 The purpose of the meeting will be to clarify the issues raised and to answer supplementary questions on such issues.
- 6.4 Minutes of the meeting including the text of the questions raised (without identifying the source of enquiry) and the responses given will be uploaded on **IUAC** website. Any modifications of the Tender Document which may become necessary as a result of the Pre-bid Meeting shall be made through the issue of an Addendum / Corrigendum and the Minutes of the Pre-Bid Meeting which will be treated as a Corrigendum. The Minutes of the Meeting as described above and the Addendum / Corrigendum, if any, will be uploaded on **IUAC** website only.
- 6.5 Non-attendance at the Pre-bid Meeting will not be a cause for disqualification of a tenderer.

7.0 AMENDMENT OF TENDER DOCUMENT

- 7.1 Before the deadline for submission of tenders, the Tender Document may be modified by IUAC by issue of addenda/corrigendum. Issue of addenda / corrigenda will however be limited to 7 days prior to the deadline for submission of tenders as finally stipulated.
- 7.2 Any addendum / corrigendum issued shall be part of the Tender Documents. The addendum / corrigendum will be hosted on IUAC website (www.iuac.res.in)and there will not be any press notification / postal intimation on amendment / corrigendum. All Tenderers are advised to see the website for addendum/ corrigendum to the tender document which may be uploaded upto 7 days prior to the deadline for submission of Tender as finally stipulated.
- 7.3 To give prospective tenderers reasonable time in which to take the addenda/ corrigenda into account in preparing their tenders, extension of the deadline for submission of tenders may be given as considered necessary by IUAC.

8.0 TENDER VALIDITY

- 8.1 The Tender shall be valid for a period of **90 days** from the due date for submission of tender or any extended date as indicated in sub para below.
- 8.2 In exceptional circumstances, during the process of evaluation of tenders and prior to the expiry of the original time limit for Tender Validity, IUAC/ RITES may request that the Tenderers may extend the period of validity for a specified additional period. The request and the tenderer's

response shall be made in writing. A tenderer may refuse the request without forfeiting his Earnest Money. A tenderer agreeing to the request will not be required or permitted to modify his Financial Bid but will be required to extend the validity of the Earnest Money for the period of the extension.

9.0 EARNEST MONEY

9.1 The Tender should be accompanied by Earnest Money of **Rs. . 11,00,000.00 (Eleven lakh only)** in any of the forms given below:-
Banker's Cheque / Pay Order/ Demand Draft payable at Delhi, drawn in favour of **Director, IUAC.**

9.2 Any Tender not accompanied by Earnest Money in an acceptable form shall be rejected by the Employer as non-responsive unless the tenderer is exempted from payment of Earnest Money as a matter of Government policy. Registered under SSI for carrying out similar works) The onus of proving such exemption shall rest with the Tenderer and such proof shall be placed in the envelope meant for Earnest Money. If the proof submitted is considered insufficient the tender shall be rejected as non-responsive.

9.3 Refund of Earnest Money

a) Two Packet System:

The Earnest Money of the Tenderers whose Technical Bid is found not acceptable will be returned without interest soon after scrutiny of Technical Bid has been completed by the Employer subject to provisions of Para 9.4 (b). The Earnest Money of the Tenderers whose Technical Bid is found acceptable but Financial Bid is rejected will be returned without interest within 28 days of the end of Tender Validity Period subject to provisions of Para 9.4(b)

b) Single Packet System: Deleted

After evaluation of Financial Bids, The Earnest Money of unsuccessful tenderers will be returned within 28 days of the end of Tender validity period subject to provisions of Para 9.4 (b)

The Earnest Money shall be refunded only through Electronic Fund Transfer. The tenderer shall submit RTGS/NEFT mandate Form as per proforma given in Annexure-IX, duly filled in.

In case of both Two Packet and Single Packet System, the Earnest Money of the successful Tenderer, without any interest, will be adjusted as a part of the Security Deposit payable in terms of provisions in the General Conditions of Contract (Clause 1A of Clauses of Contract).

9.4 The Earnest Money is liable to be forfeited

a) if after bid opening during the period of bid validity or issue of Letter of Acceptance, whichever is earlier, any tenderer
i) withdraws his tender or
ii) Makes any modification in the terms and conditions of the tender which are not acceptable to the Employer.

b) In case any information/document which may result in the tenderer's disqualification is

concealed by the Tenderer or any statement/information/document furnished by the Tenderer or issued by a Bank/Agency/third party and submitted by the tenderer, is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party

- c) In the case of a successful tenderer, if the tenderer
 - i) Fails to furnish Performance Guarantee within the period specified under Clause 1 of “Clauses of Contract”. or
 - ii) Fails to commence the work without any valid reasons within 15 days after the date of issue of Letter of Acceptance or from the date of handing over of the site, whichever is later.

In case of forfeiture of Earnest Money as prescribed here in above, the tenderer shall not be allowed to participate in the re tendering process of the work.

10.0 ALTERNATIVE PROPOSALS BY THE TENDERERS

The Tenderers shall submit offers which comply strictly with the requirements of the Tender Document as amended from time to time as indicated in Para 7.0 above. Alternatives or any modifications shall render the Tender invalid.

11.0 SUBMISSION OF TENDER

11.1 Two Packet System and Single Packet System:

(a) Two Packet System

The tenderer shall submit the Tender in original in two packets as under:-

PACKET A: - TECHNICAL BID

Envelope 1 Earnest Money along with Mandate form as per Annexure IX duly filled in and cost of Tender document if the bid is submitted on the document downloaded from IUAC website, unless exempted from both payments as a matter of Government policy. If exempted, the documents substantiating such exemption must be placed in this envelope.

Envelope 2 “Authority to Sign”, ‘Integrity Pact’ (when applicable) and Qualification Information along with all enclosures / documents as per Letter of Transmittal/ Checklist given in **Annexure II A/ II B (L)/II B(N)**. As regards “Authority to Sign” Para 11.2 below may be referred to. As regards ‘Integrity Pact’, para 11.7 below may be referred to.

Technical Bid (Part 1 and Part 3) (Refer Para 4.1 and 4.2) including Signature on Tender Form (Section 2) duly witnessed after filling up blanks therein. Each page of the above documents including all Drawings should bear the dated initials of the Tenderer along with the seal of the Company, in token of confirmation of having understood the Contents.

Blank copy of Financial bid duly signed and seal of company on each page in token of confirmation of having understood the Contents.

PACKET B: - FINANCIAL BID

Envelope 3 Schedule/Bill of Quantities.

Each page of the Financial Bid (Part 2 – Refer Para 4.1) should be signed by the Tenderer along with the seal of the company. In the last page of Financial Bid, at the end, the Tenderer should sign in full with the name of the Company, Seal of the Company and Date.

All rates and amounts, both in figures and words, must be written in indelible ink. Each Correction, Cutting, Addition and overwriting should be initialed by the Tenderer.

The rates must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and less and considering more than fifty paise as rupee one. If the same item figures in more than one section/part of Schedule of Quantities, the Tenderer should quote the same rate for that item in all sections/parts. If different rates are quoted for the same item, the least of the different rates quoted only shall be considered for evaluation of that item in all sections/parts of the Schedule of Quantities.

Instructions contained in subsequent Para 17.6 (a) on “Item rate tender” and 17.6 (b) on “Percentage rate tender” may be carefully studied and complied with.

b) Single Packet System: :- Deleted

11.2 Authority to Sign

- a) If the applicant is an individual, he should sign above his full type written name and current address.
- b) If the applicant is a proprietary firm, the Proprietor should sign above his full type written name and the full name of his firm with its current address.
- c) If the applicant is a firm in partnership, the Documents should be signed by all the partners of the firm above their full type written names and current addresses. Alternatively the Documents should be signed by a partner holding Power of Attorney for the firm in the Format at **Annexure IV**.
- d) If the applicant is a limited Company, or a Corporation, the Documents shall be signed by a duly authorized person holding Power of Attorney for signing the Documents in the Format at **Annexure IV**.
- e) If the applicant is a Joint Venture, the Documents shall be signed by the Lead Member holding Power of Attorney for signing the Document in the Format at **Annexure V. - Not Applicable**

11.3 Items to be kept in mind while furnishing details

While filling in Qualification Information documents and the Financial Bid, following should be kept in mind:

- i) There shall be no additions or alterations except those to comply with the instructions issued by the Employer or as necessary to correct errors, if any, made by the tenderers.
- ii) Conditional Offer/ Tender will be rejected. Unconditional rebate/ discounts in the Financial offer will however be accepted.

- iii) The Employer reserves the right to accept or reject any conditional rebate/discounts. While evaluating the Bid Price, the conditional rebates/discounts which are in excess of the requirements of the bidding documents or otherwise result in accrual of unsolicited benefits to the Employer, shall not be taken into account.

11.4 Sealing and Marking of Tenders

11.4.1 Two Packet Systems:

(a) PACKET A – TECHNICAL BID

Envelopes 1 & 2 as described in Para 11.1 (a) above should be sealed separately super scribing “Technical Bid” with Envelope Number, Name of the work and Name of the tenderer. In addition, the following should also be super scribed on the respective envelopes.

Envelope 1

i) Earnest Money along with Mandate form as per annexure IX duly filled in.

ii) Cost of Tender Document if the Bid is submitted on the document downloaded from IUAC website.

iii) If the Bidder is exempted from payment of Earnest Money and cost of Tender Document, he should super scribe “ Documents substantiating Exemption from payment of Earnest Money and cost of Tender Documents”.

Envelope 2

i) Authority to Sign, ‘Integrity Pact’ (when applicable as per para 11.7 below) and Qualification Information/ documents as per checklist in **Annexure IIA / IIB (L)/ II B (N)**.

ii) Technical Bid including Drawings(Part 1,Part 3, Anexure I to X!, un priced financial bid)

Both the envelopes should be put in a packet which should be sealed. The following should be super scribed on the packet:

- i) Packet A – Technical Bid
- ii) Name of the Work
- iii) Name of the Tenderer

(b) PACKET B – FINANCIAL BID

Envelope 3 – Financial Bid should be put in Packet B which should be sealed. The following should be super scribed on the packet.

- i) Packet B - Financial Bid
- ii) Name of the work

- iii) Name of the tenderer
- (c) Both packets A and B should be put inside an outer envelope and sealed. This envelope should be superscribed with the following details:
 - i) Tender for (Name of work)
 - ii) Tender number
 - iii) Date and time of opening of Tender
 - iv) From (Name of Tenderer)
 - v) Addressed to **AO(S&P), IUAC, Aruna Asaf Ali Marg, New Delhi-67.**

11.4.2 Single Packet System: Deleted.

If the envelopes and packets are not superscribed and sealed as indicated in Paras 11.4.1 to 11.4.2 above, the Employer will assume no responsibility for the misplacement or premature opening of the Tender.

11.5 Deadline for submission of Tender

11.5.1 Tenders must be received by the Employer at the following address not later than **14:30 Hrs.** on **27/01/2017**. In the event of the specified date for the submission of the Tender being declared a holiday/Strike/Bandh or on any account by the Employer, the Tenders will be received up to the appointed time on the next working day.

11.5.2 Tenderer will drop his tender in the tender box kept in the area near west side entrance of **Lab Building of IUAC Campus**, after ensuring the due entries are made in the register kept at the counter. It should not be handed over to any person. No tender shall be accepted later than the time schedule specified above.

11.5.3 The Employer may extend the deadline for submission of Tenders by issuing an amendment in writing in accordance with **Para 7.3** in which case all rights and obligations of the Employer and the tenderer previously subject to the original deadline will be subject to new deadline.

11.6 Late Tender / Delayed Tender

Any Tender received by the Employer after the specified date and time of receipt of tender will be returned unopened to the tenderer.

11.7 Integrity Pact: DELETED

11.7 A Whether Para 11.7 (Integrity pact) Shall be applicable :- NOT APPLICABLE

11.8 Modification and Withdrawal of Bids

11.8.1 Tenderers may modify or withdraw their bids by giving notice in writing before the deadline prescribed in para 11.5 for submission of Bids.

11.8.2 Each modification or withdrawal notice shall be prepared, sealed, marked and delivered in accordance with paras 11.1, 11.2 and 11.4 with the outer envelopes additionally marked 'Modification' or 'Withdrawal' as appropriate.

The envelopes for modifications on 'Technical Bid' and 'Financial Bid' shall be submitted in separate sealed envelopes and marked as 'Modifications of Technical Bid' or 'Modifications of Financial Bid' as the case may be.

11.8.3 No bid may be modified after the deadline for submission of Bids except as indicated below. If a Bidder makes a suo moto offer of rebate / discount in his Financial Bid after the deadline for submission of Bids, such offer will not be considered for Financial evaluation of Tenders. But if the Tenderer is successful in the Bid based on his original offer without considering the suo moto offer, the rebate / discount offered will be taken into account for incorporation in the Contract Agreement.

11.8.4 Withdrawal or modification of a Bid, subject to provisions in Para 11.8.3 above, after the deadline for submission of Bids shall result in forfeiture of the Earnest Money.

12.0 TENDER OPENING, EVALUATION AND CLARIFICATIONS OF APPLICATIONS

12.1 The Employer will open Technical bid of all the Tenders received (except those received late or delayed) as described in para **12.2/12.3** below, in the presence of the tenderers or their representatives who choose to attend at **15:30 Hrs. on 27/01/2017** in the **Committee Room of lab Building of IUAC Campus, New Delhi-67**. In the event of the specified date of the opening being declared a holiday by the Employer, the Tenders will be opened at the appointed time and location on the next working day.

12.2 Two Packet System

(a) (i) The PACKET A will be opened and Envelope 1 containing Earnest Money and Cost of Tender Document (where Bid is submitted in the document downloaded from IUAC website) of all the Tenderers will be opened first and checked. If the Earnest Money furnished is not for the stipulated amount or is not in an acceptable form (unless exempted) and where applicable, the cost of Tender Document has not been enclosed for the correct amount and in an acceptable form (unless exempted), the Envelope 2 of PACKET A (TECHNICAL BID) and PACKET B will be returned to the Tenderer concerned unopened at the time of opening of the Tender itself. The Envelopes 2 of PACKET A (TECHNICAL BID) of other Tenderers who have furnished Earnest Money of correct amount in acceptable form (unless exempted) and where applicable the cost of Tender Document for the correct amount and in an acceptable form (unless exempted) will then be opened. The Tenderer's name, the presence of Earnest Money and Authority to sign and such other details as the Employer may consider appropriate will be announced by the Employer at the time of opening of Packet A. PACKET B (FINANCIAL BID) of the Tenderers whose Technical Bids have been accepted for evaluation will be checked to see if the seals are intact. All such PACKETS B will be put in an envelope and sealed. The Employer's official opening the Tender will sign on this envelope and will also take the signatures of preferably at least two Tenderers or their representatives present. This envelope will be kept in safe custody by the Employer.

- (b) The Employer will scrutinise the Technical Bids accepted for evaluation to determine whether each Tenderer
 - (i) has submitted contents of Envelope 1 in conformity with clause 11.4.1
 - (ii) has submitted 'Authority to sign' as per para 11.2 above and Integrity Pact (where applicable) duly signed and witnessed as per para 11.7 above;
 - (iii) meets the Qualification Criteria stipulated in Para 2.0; and
 - (iv) conforms to all terms, conditions and specifications of the Tender Document without any modifications or conditions.
- (c) If required, the Employer may ask any such Tenderer for clarifications on his Technical Bid. The request for clarification and the response from the Tenderer will be in writing. If a Tenderer does not submit the clarification/document requested, by the date and time set in the Employer's request for clarification, the bid of such Tenderer is likely to be rejected. Tenderers whose Technical Bids are not found acceptable will be advised of the same and their Earnest Money and PACKET B (FINANCIAL BID) will be returned unopened. Tenderers whose Technical Bids are found acceptable will be advised accordingly and will also be intimated in writing of the time and date and place where and when the PACKET B (Financial Bid) will be opened.
- (d) At the appointed place, time and date, in the presence of the Tenderers or their representatives who choose to be present, the Employer will open the envelopes containing the PACKET B (FINANCIAL BID). The Tenderer's name, the tender amount quoted and such other details as the Employer may consider appropriate will be announced by the Employer.

12.3 Single Packet System :- DELETED

13.0 INSPECTION OF SITE BY THE TENDERERS

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 (as 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 and 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 workers 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 Employer and local conditions and other factors having a bearing on the execution of the work.

14.0 EMPLOYER'S RIGHT ON ACCEPTANCE OF ANY TENDER

- (i) If required, the Employer may ask any tenderer the breakdown of unit rates. If the tenderer does not submit the clarification by the date and time set in the Employers request for clarification, such tender is likely to be rejected.

- (ii) The competent authority on behalf of the Employer does not bind himself to accept the lowest or any other tender and reserves to himself 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 is put forth by the tenderer shall be summarily rejected.

15.0 CANVASSING PROHIBITED

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.

16.0 EMPLOYER'S RIGHT TO ACCEPT WHOLE OR PART OF THE TENDER

The competent authority on behalf of the Employer reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

17.0 MISCELLANEOUS RULES AND DIRECTIONS

- 17.1 The Tenderer shall not be permitted to tender for works if his near relative is posted in the concerned **Unit of IUAC**. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in the organization of the Employer. Any breach of this condition by the Tenderer would render his Tender to be rejected.

No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Organisation of the Employer is allowed to work as a contractor for a period of one year after his retirement from the Employer's service without the previous permission of the Employer in writing. The contract is liable to be cancelled if either the Contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Employer as aforesaid before submission of the tender or engagement in the Contractor's service.

- 17.2 If required by the Employer, the Tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful Tenderers shall return all the drawings given to them.
- 17.3 Use of correcting fluid anywhere in tender document is not permitted. Such tender is liable for rejection.
- 17.4 a) In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected. Rates quoted by the Tenderer in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the Tenderer shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the Tenderer or it does not correspond with the rates written either in figures or in words then the rates quoted by the Tenderer in words shall be taken as correct. Where the rates quoted by the Tenderer in figures and in words tally but the amount is not worked out correctly, the rates quoted by the Tenderer will, unless otherwise provided, be taken as correct and not the amount. In the event that no rate has been quoted for any item(s), leaving space both in figure (s) or word(s) and the amount blank, it will be presumed that the Tenderer has included the cost of this/ these item (s) in other items and rate for such item (s) will be considered as

zero and work will be required to be executed accordingly.

- b) In case of percentage Rate Tender only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the Tenderer in percentage rate tender shall be accurately filled in figures and words so that there is no discrepancy. If, for any Schedule in Financial Bid, the total amount has been indicated by the Tenderer and if discrepancy is noticed in the percentages quoted in words and figures, then the percentage which corresponds with the total amount, shall, unless otherwise proved be taken as correct. If the total amount is not worked out or if worked out, it does not correspond with the percentages written either in figures or in words, then the percentage quoted by Tenderer in words shall be taken as correct. When the percentages quoted by the Tenderer in figures and in words tally but the total amount is not worked out correctly, the percentage quoted by the Tenderer shall be taken as correct, unless proved otherwise and the total amount worked out accordingly.
- 17.5 In the case of any Item rate tender where unit rate of any item/items appears unrealistic, such tender will be considered as unbalanced and in case the Tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
- 17.6 (a) In Item rate Tender, all rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount in each Schedule should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. Rs.2.15 P and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.
- (b) In Percentage Rate Tender, the Tenderer shall quote percentage below / above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word "Rs" should be written before the figure rupees and word 'P' after the decimal figures (eg.) Rs.2.15 P and in case of words the word "Rupees" should precede and the word "Paisa" should be written at the end.
- 17.7 Quoted rates shall include Sales-tax/VAT ,Service Tax, purchase tax, turnover tax or any other tax/ Cess on material, labour and Works in respect of this Contract shall be payable by the Contractor and the Employer will not entertain any claim whatsoever in respect of the same.
- 17.8 Each Bidder shall submit only one Bid either as an individual or as a Proprietor in a Proprietary firm or as a Partner in a Partnership firm or as a Director of a limited Company/Corporation or as a Partner in a Joint Venture. Any Bidder who has submitted a Bid for a work, shall not be a witness for any other Bidder for the same work. Failure to observe the above stipulations would render all such Tenders submitted as a Bidder and / or as a witness, liable to summary rejection.
- 17.9 The Contractor shall be fully responsible for all matters arising out of the Performance of the Contract and shall, at his own expense, comply with all laws/ acts/ enactments/ orders/ regulations/ obligations whatsoever of the Government of India, State Government, Local Body and any Statutory Authority.

18.0 SIGNING OF CONTRACT AGREEMENT

- 18.1 The Tenderer whose tender has been accepted will be notified of the award by the Employer by issue of a 'Letter of Acceptance' ' prior to expiration of the Bid Validity period, in the form at **Annexure VI**.

The Letter of Acceptance will be sent to the Contractor in two copies one of which he should return promptly, duly signed and stamped. The Letter of Acceptance will be a binding Contract between the Employer and the Contractor till the formal Contract Agreement is executed.

- 18.2 Within the period as specified in Clause 1 of 'Clause of Contract', of the date of issue of Letter of Acceptance, the successful Tenderer shall deliver to the Employer, Performance Guarantee and Additional Performance Guarantee (where applicable) in the format prescribed.
- 18.3 The Tenderer whose Tender is accepted shall be required to submit at his cost stamp papers of appropriate value as per the provisions of Indian Stamp Act within 15 days of the date of issue of Letter of Acceptance.
- 18.4 At the same time the Employer notifies the successful Tenderer that his Tender has been accepted, the Employer will direct him to attend the Employer's office within 28 days of issue of Letter of Acceptance for signing the Agreement in the proforma at **Annexure VII**. The Agreement will however be signed only after the Contractor furnishes Performance Guarantee and Additional Performance Guarantee (where applicable) and hence, where justified, the period of 28 days stipulated above will be extended suitably.

QUALIFYING CRITERIA FOR WORKS CONTRACTS

1. Annual Financial Turnover

The bidder should have achieved a minimum annual financial turnover of **Rs.108671500.00** in any one of the last 3 Financial Years.

Notes :

- The financial turnover will be taken as given under the head “Income” in audited Profit and Loss Account and excluding non-recurring income, income from other sources and stock. It is clarified that the Financial Turnover means relevant revenue as recorded in the Income side of Profit and Loss Account. It does not mean Profit.
- Closing stocks in whatsoever manner should not form part of turnover.
- Weightage of 7% (compounded annually) shall be given for equating the financial turnover of the previous years to the current year.
- For considering the Financial Years, for example for a work for which the Tender is being opened in Financial Year 2015-16, the last three Financial Years shall be 2014-15, 2013- 14 and 2012-13. For a Tender opened on (say) 05.09.2015 (F.Y. 2015-16), with weightage of 7% compounded annually, the weightages to be applied on the Turnover of the previous three Financial Years will be : F.Y. 2014-15 = 1.070; F.Y. 2013-14 = 1.145; F.Y. 2012-13 = 1.225.
- The Bidder should furnish Annual Financial Turnover for each of the last 3 Financial Years in tabular form and give reference of the document (with page no.) relied upon in support of meeting the Qualification Criterion.
- The Bidder should submit self attested copy of Auditor’s Report along with Balance Sheet and Profit and Loss Statement along with Schedules for the relevant Financial Year in which the minimum criterion is met. Provisional audit reports or certified statements will not be accepted.
- If the Audited Balance Sheet for the immediately preceding year is not available in case of tender opened before 30th Sept., audited Balance Sheets, Profit and Loss Statements and other financial statements of the three Financial Years immediately preceding the previous Financial Year may be adopted for evaluating the credentials of the Bidder.

2. WORK EXPERIENCE

a) Similar Works Experience

(i) For works in normal areas:

The bidder should have satisfactorily completed in his own name or

proportionate share as member of a Joint Venture, at least one similar work of minimum value of **Rs.435 lacs (Rupees Four hundred thirty five lakhs only)** OR at least two similar works each of minimum value of **Rs. 272 lacs(Rupees Two hundred seventy two lakhs only)** OR at least three similar works each of minimum value of **Rs.217 lacs (Rupees Two hundred seventeen lakhs only)** during the last 5 (five) years prior to the date of submission of the bid. Works completed prior to the cut off date shall not be considered.

Similar Works:

Similar Works shall mean Execution of Interior work for Auditorium Building (seating capacity of at least 300 persons) which should include works like false ceiling, flooring, fire fighting ,surveillance, furniture and internal electrification works.

Notes :

- A weightage of 7% (compounded annually from the date of completion of the work to the submission of the Bid) shall be given for equating the value of works of the previous years to the current year.
- Only such works shall be considered where physical completion of entire work is over or commissioning of work has been done, whichever is earlier.
- The Bidder should submit the details of such similar completed works as per the format at **Proforma-1** enclosed.
- Works carried out by another Contractor on behalf of the Bidder on a back to back basis will not be considered for satisfaction of the Qualification Criterion by the Bidder.
- Credential certificates issued by Government Organizations/ Semi Government Organizations of Central or State Government; or by Public Sector Undertakings/ Autonomous Bodies of Central/State Government or their subsidiaries or; by Public Ltd. Companies listed in Stock exchange in India or abroad shall only be accepted for assessing the eligibility of a Tenderer.
- Employer/Engineer In charge reserves the right to inspect the site/work place as claimed by the bidder as a proof of experience and bidder will facilitate the visit of officials of Employer.
- The cutoff date shall be calculated backwards from the last stipulated date for submission/ opening of Tender i.e. for a Tender which is being opened on 06.08.2014, the cut off date shall be 07.08.09.

b) Construction Experience in key activities/specified components: Deleted

To qualify for award of the contract, each Bidder in his own name or as a member of a Joint Venture should have, in the last five Years prior to the last stipulated date for submission of the Bid, executed the following key activities in any one work* / more than one work*

(*Strike out whichever is not applicable).

.....

(Ideally only very few and that too, specialized components of the work may be specified at the discretion of NIT approving authority).

Notes:

- The work satisfying the criterion for a particular key activity may be different from a work satisfying the criterion for another key activity.
- The Bidder should furnish with his Bid a tabular statement giving contract-wise quantities of key activities / specialised components executed in the last 5 years which meet the Qualification Criterion along with documentary proof in support thereof (indicating page nos.).
- Even if a work has not been completed but if the specified quantity of the key activity has been completed, the same shall be taken into consideration for the purpose of this criterion.
- Any work executed by the Bidder as a member of a Joint Venture will be accepted provided there is documentary proof in support of the same either in the MOU/ Agreement of the JV or in a declaration by the other Members of that JV or the Client confirming that the specialized work was actually executed by the Bidder

3. SOLVENCY CERTIFICATE:

- (i) A Solvency Certificate of minimum solvency of **Rs. 217 Lakhs**. (suggested format at Proforma 2) from a Scheduled Commercial Bank issued not earlier than 6 months from the last date for submission of tender is required to be submitted by the bidder.

Notes:

- The certificate so produced by the Bidder may be got verified from the issuing Bank.

- (ii) The bidder should furnish a declaration that he has not failed to service the principal amount or interest or both of a loan account/credit limit from any Bank or Financial Institution during a period of one year prior to the deadline for submission of bids.

Notes:

In case a bidder has defaulted in servicing his loan/credit limit during the past one year, he shall be disqualified.

The declaration may be included in the Declaration to be submitted in Proforma 3 to this Annexure.

4. PROFITABILITY

The Bidder should be a **profit (Net)** making firm and should have made profit during any two of the past **3 Financial Years** immediately preceding the deadline for submission of bids. If the Audited Balance sheet for the immediately preceding year is not available in case of tenders opened before 30th September, Audited Balance Sheets of the three Financial Years immediately preceding the previous Financial years shall be considered.

The Bidder should furnish figures of **net profit of last 3 years** in a tabular form and submit attested copies of Auditor's Reports along with audited Balance Sheets and Profit and Loss Statements for the last three Financial Years. Specific reference with page no. of document which proves satisfaction of this Qualifying Criterion should be indicated in the tabular statement

5. NET WORTH

The Bidder should have positive Net Worth of at least **Rs. 84 lakhs**.

Notes:

- Net worth shall be computed from the bidder's audited balance sheet of the last financial year ending on a date prior to 18 months from the due date of submission of the tender(or, if the due date is extended, such extended date of submission).

6. POINTS TO NOTE ON SATISFACTION OF QUALIFYING CRITERIA IN CASE OF BOTH LARGE AND NORMAL WORKS

a) Sub-Contractor's Experiences and Resources

Sub-Contractors' Experiences and Resources will not be taken into account in determining the Bidder's compliance with the qualifying criteria.

c) Experiences and Resources of the Parent Company and other subsidiary companies

If the Bidder is a wholly owned subsidiary of a company, the experience and resources of the owner/parent company or its other subsidiaries will not be taken into account. However, if the Bidder is a Company, the Experience and Resources of its subsidiaries will be taken into consideration.

7. DISQUALIFICATION ON CERTAIN GROUNDS

Even though the Bidders may meet the above qualifying criteria, they are subject to be disqualified if they have

- a) Concealed any information/document which may result in the Bidder's disqualification or if any statement/information/document furnished by the Bidder or issued by a Bank/Agency/third party and submitted by the Bidder, is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party. In such a case, besides Bidder's liability to action under para 9.4 of Instructions to Tenderers, the Bidder is liable to face the penalty of banning of business dealings with him by IUAC.

- b) Records of any contract awarded to them, having been determined during the past three years prior to the dead line for submission of bids.
- c) Been declared as Poor Performer by IUAC and their name is currently in the 'Negative List' of RITES/IUAC
- d) Their business banned or suspended by any Central/State Government Department/ Public Undertaking or Enterprise of Central/State Government and such ban is in force.
- e) Not submitted all the supporting documents or not furnished the relevant details as per the prescribed format.

A declaration to the above effect in the form of affidavit on stamp paper of Rs. 10/- duly attested by Notary/Magistrate should be submitted as per format given in **Proforma 3** enclosed.

LIST OF SIMILAR WORKS SATISFYING QUALIFICATION CRITERIA COMPLETED DURING THE LAST 5 YEARS

S. No.	Client's Name and Address	Name of the Work & Location	Scope of work carried out by the Bidder	Agreement / Letter of Award No. and date	Contract Value (Rs. in Lakhs)	Value of Materials supplied free by the Client	Date of Start	Date of Completion	Reasons for delay in completion if any	Ref. of document (with page no.) in support of meeting Qualification
					Awarded	Actual on completion				As per LOA / Agreement

SEAL AND SIGNATURE OF THE BIDDER

Note :

- In support of having completed above works, attach self attested copies of the completion certificate from the owner/client or Executing Agency / Consultant appointed by owner / Client indicating the name of work, the description of work done by the Bidder, date of start, date of completion (contractual & actual) and contract value as awarded and as executed by the Bidder . “Contract Value” shall mean gross value of the completed work including cost of materials supplied by the owner/client but excluding those supplied free of cost.
- Such Credential certificates issued by Govt. Organizations/ Semi Govt. Organizations / Public Sector Undertakings / Autonomous bodies of Central or State Government / Municipal Bodies / Public Ltd. Co. listed on BSE/NSE shall only be accepted for assessing the eligibility of a Tenderer.

In case of a Certificate from a Public Limited Co., the Bidder should also submit documentary proof that the Public Ltd. Co., was listed on BSE or NSE when the work was executed for it.

- Information must be furnished for works carried out by the Bidder in his own name or proportionate share as member of a Joint Venture. In the latter case details of contract value including extent of financial participation by partners in that work should be furnished.
- If a Bidder has got a work executed through a Subcontractor on a back to back basis, the Bidder cannot include such a work for his satisfying the Qualification Criterion even if the Client has issued a Completion Certificate in favour of that Bidder.
- Use a separate sheet for each partner in case of a Joint Venture.
- Only similar works completed during the last 5 years prior to the last stipulated date for submission of Bid, which meet the Qualification Criterion need be included in this list.

**SOLVENCY CERTIFICATE FROM A NATIONALISED
OR A SCHEDULED BANK**

This is to certify that to the best of our knowledge and information, M/s _____, having their registered office at _____, a customer of our Bank, is a reputed company with a good financial standing and can be treated as solvent to the extent of Rs. _____. This certificate is issued without any guarantee or risk and responsibility on the Bank or any of its officers.

Signature with date
Senior Bank Manager (Name of Officer issuing the
Certificate)
Name, address & Seal of the Bank/ Branch

Note:

Banker's Certificate should be on letter head of the Bank.

DECLARATION BY THE BIDDER

(Affidavit on Non-Judicial Stamp Paper of Rs.10/- duly attested by Notary / Magistrate)

This is to certify that We, M/s. _____, in submission of this offer confirm that:-

- i) We have visited the site of work and seen the working conditions, approach road / path, availability of water, electricity, construction labour, construction materials and other relevant requirements connected with the work.
- ii) We have neither concealed any information/document which may result in our disqualification nor made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- iii) During the past three years prior to the deadline for submission of bids, no contract awarded to us has been determined.
- iv) As on date, no Central / State Government Department/ Public Sector Undertaking or Enterprise of Central / State Government has banned/suspended business dealings with us.
- v) We have submitted all the supporting documents and furnished the relevant details as per prescribed format.
- vi) List of Similar Works satisfying Qualification Criterion indicated in Proforma 1 does not include any work which has been carried out by us through a Sub-contractor on a back to back basis.
- vii) The information and documents submitted with the Tender and those to be submitted subsequently by way of clarifications, if any, are/will be correct and we are fully responsible for the correctness of the information and documents submitted by us.
- viii) We have not failed to service the principal amount or interest or both of a loan account/credit limit from any Bank or Financial Institution during a period of one year prior to the deadline for submission of bids.
- ix) We understand that in case any information/document which may result in our disqualification is concealed by us or any statement/information/document furnished by us or to be furnished by us in connection with this offer, or issued by Bank/Agency/Third Party is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party, our EMD in full will be forfeited and business dealings will be banned.

SEAL, SIGNATURE & NAME OF THE BIDDER
signing this document

CHECK LIST OF DOCUMENTS TO BE SUBMITTED

1. a) BY BIDDERS OTHER THAN JOINT VENTURES

i) Annual Financial Turnover:

- Annual financial turnover for each of the last 3 Financial Years in tabular form.

- Self attested copies of Auditor's Report along with the Balance Sheet and Profit and Loss Statement for the relevant Financial Year in which the minimum criterion is met (Refer Notes under Para 1 of **Annexure I**).

ii) Work Experience

- **Similar Work Experience : Proforma 1 of Annexure I** with details of 1, 2 or 3 works as the case may be, which satisfy requisite qualification criterion with self attested copies of supporting document (Refer Para 2a of **Annexure I**).

- Construction Experience in Key Activities/Specialised Components: Tabular Statement giving contract-wise quantities executed in last 5 years along with documentary proof in support of having met the criterion (Refer Para 2b of **Annexure I**).

iii) Solvency Certificate

Suggested format at **Proforma 2 of Annexure I** (Refer Para 3 of **Annexure I**)

iv) Profitability

- Net profit of last 3 Financial Years in tabular form.

- Self attested copies of Auditor's Report along with the Balance Sheets and Profit and Loss Statements for last 3 Financial Years, as the case may be (Refer Para 4 of **Annexure I**).

v) Net Worth

- Self attested copies of Auditor's Report along with the Balance Sheet and Profit and Loss Statement for the last Financial Year ending not before 18 months from the due date of submission of the tender(or, if the due date is extended, such extended date of submission).

- v) **Declaration by Bidder
Proforma 3 (Refer Para 6 of Annexure I)**
- vi) **Integrity Pact : NOT APPLICABLE.**

- b) **BY JOINT VENTURE PARTNERS FOR “LARGE WORKS” : Not Applicable**
- c) **BY JOINT VENTURE PARTNERS FOR “NORMAL WORKS”Not Applicable**

QUALIFICATION INFORMATION/CHECKLIST OF DOCUMENTS
--LETTER OF TRANSMITTAL BY OTHER THAN JOINT VENTURES
(on letter head of the Applicant)

From

To,

Director/IUAC

(Authority Inviting Tender)

Sir,

Sub: Submission of Qualification information /documents as per Checklist.

1. I/We hereby submit the following documents in support of my/our satisfying the Qualification Criteria laid down for the work:-
 - a) Annual Financial Turnover
 - (i) Annual financial turnover for each of the last 3 Financial Years in a tabular form.
 - (ii) Self attested copy of Auditor's Report along with the Balance Sheet and Profit and Loss Statement and Schedules for the relevant Financial Year in which the minimum criterion is met, with calculations in support of the same.
 - b) Work Experience
 - i) Similar Work Experience :- In **Proforma 1** with details of 1 / 2 / 3 works as applicable and self attested copies of supporting documents as mentioned therein.
 - ii) Construction experience in key activities / specialized components:
Tabular Statement giving contract wise quantities executed in last 5 years with documentary proof.
 - c) Solvency Certificate - **Proforma 2.**

- d) Profitability
Net profit of last 3 Financial years in tabular form with self attested copies of Profit and Loss Statements for the last 3 Financial Years as applicable.
- e) Net Worth - Self attested copies of Auditor's Report along with the Balance Sheet and Profit and Loss Statement for the last Financial Year ending not before 18 months from the due date of submission of the tender(or, if the due date is extended, such extended date of submission).
- f) Declaration in **Proforma 3**

2. In addition the following supporting documents are also enclosed.

- a) Self attested copy of Partnership Deed/Memorandum and Articles of Association of the Firm.
- b) Self attested copies of PAN/TAN issued by the Income Tax Department.
- c) Self attested copy of Sales Tax, Works Contract Tax, Service Tax Registration Certificate (as applicable).
- d) Self attested copy of Registration under Labour Laws, like PF, ESI etc.
- e) Integrity Pact (where applicable) : duly signed and witnessed.

- 4. I authorize you to approach any Bank, Individual, Employer, Firm or Corporation, whether mentioned in the enclosed documents or not, to verify our competence and general reputation.
- 5. I also enclose written Power of Attorney of the signatory of the Tender on behalf of the Tenderer.

yours faithfully,

Encl: As in Paras 1, 2 & 4

Signature of Applicant
with Name _____
Date with seal

ANNEXURE II B (L)

**QUALIFICATION INFORMATION /CHECKLIST OF DOCUMENTS
- LETTER OF TRANSMITTAL BY JOINT VENTURE**

DELETED

ANNEXURE II B (N)

**QUALIFICATION INFORMATION /CHECKLIST OF DOCUMENTS
- LETTER OF TRANSMITTAL BY JOINT VENTURE**

DELETED

ANNEXURE III

**DRAFT MEMORANDUM OF UNDERSTANDING
EXECUTED BY MEMBERS OF THE CONSORTIUM / JOINT VENTURE
(On each firm's Letter Head)**

DELETED

ANNEXURE IV

**FORMAT FOR POWER OF ATTORNEY TO AUTHORISED SIGNATORY
POWER OF ATTORNEY**

(To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the firm/ company who is issuing the Power of Attorney).

We, M/s. _____ (name of the firm/company with address of the registered office) hereby constitute, appoint and authorise Mr./Ms. _____ (Name and residential address) who is presently employed with us and holding the position of _____ and whose signature is given below as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to our bid for the work _____ (name of work), including signing and submission of application / proposal, participating in the meetings, responding to queries, submission of information / documents and generally to represent us in all the dealings with IUAC or any other Government Agency or any person, in connection with the works until culmination of the process of bidding, till the Contract Agreement is entered into with IUAC and thereafter till the expiry of the Contract Agreement.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall always be deemed to have been done by us.

Dated this the _____ day of _____ 20

(Signature and name of authorized signatory being given Power of Attorney)

(Signature and name in block letters of *All the partners of the firm, * Authorized Signatory for the Company)

(* *Strike out whichever is not applicable*)

Seal of firm/ Company

Witness 1:

Name:

Address:

Occupation:

Witness 2:

Name:

Address:

Occupation:

Notes:

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and

when it is so required the same should be under common seal affixed in accordance with the required procedure.

**FORMAT FOR POWER OF ATTORNEY TO LEAD MEMBER OF CONSORTIUM / JOINT
VENTURE**

NOT APPLICABLE

**(FORM OF LETTER OF ACCEPTANCE)
(By REGD POST / ACK.DUE)**

(On the letter head of IUAC)

NO.: IUAC/
To

Dated :

(Name & Address of the Contractor)

Dear Sirs,

Sub: TENDER No. _____ FOR THE WORK OF _____

Ref: Your tender dated _____ and letter dated _____.

This is to notify you that your Tender for the work under reference has been accepted by the Competent Authority of IUAC for a total Contract Price of Rs. _____ (Rupees _____ only)

Pursuant to Clause 1 of the Contract, you are required to furnish irrevocable Performance Guarantee for an amount equivalent to 5% (Five percent) of the Contract Price. The Guarantee of amount of Rs. _____ is required to be submitted within ___ days of issue of this Letter of Acceptance.

The time of _____ months allowed for execution of the work will be reckoned from 15 days after the date of issue of this Letter of Acceptance or from the first day of the handing over of the site, whichever is later, in accordance with phasing, if any, indicated in tender document.

You are requested to contact _____ (complete designation and address of the project-in-charge) for carrying out the contract.

You are also requested to attend this office within Twenty Eight days from the date of issue of this letter for execution of the formal agreement. It may be noted that no payment shall be made for any work carried out by you till the Agreement is executed.

This Letter of Acceptance is being sent to you in duplicate and you are requested to return without delay one copy of the letter duly signed and stamped, as a token of your acknowledgment.

Kindly note that this Letter of Acceptance shall constitute a binding Contract between us pending execution of formal Agreement.

Your letter referred to above shall form part of the Contract.

Yours faithfully,

For and on behalf of _____ (The Employer)

Copy to :

1. _____ (The RITES) for information.
(To be included on the Original sent to the Contractor)

2. Project-in-charge (Complete designation and address)
3. Associated Finance (Not in original)

ANNEXURE VII

FORM OF AGREEMENT

(ON NON JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)

Agreement No. _____ dated _____

THIS AGREEMENT is made on _____ day of _____ Two thousand _____ between IUAC(an autonomous Body under UGC) having its office at IUAC Campus, Aruna Asaf Ali Marg, New Delhi-67 representing through _____, IUAC hereinafter called the Employer (which expression shall, wherever the context so demands or requires, include their successors in office and assigns) on one part and M/s._____ hereinafter called the Contractor (which expression shall wherever the context so demands or requires, include his/ their successors and assigns) of the other part.

WHEREAS the Employer is desirous that certain works should be executed viz. _____ (brief description of the work) and has by Letter of Acceptance dated ____ accepted a tender submitted by the Contractor for the execution, completion, remedying of any defects therein and maintenance of such works at a total Contract Price of Rs. _____ (Rupees _____ only)

NOW THIS AGREEMENT WITNESSETH as follows:-

1. In this Agreement words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents in conjunction with addenda/ corrigenda to Tender Documents shall be deemed to form and be read and construed as part of this agreement viz.

The Letter of Acceptance dated_____.

Priced Schedule (Bill) of Quantities

Notice Inviting Tender and Instructions to Tenderers.

IUACTender and Contract Form

Special Conditions

Schedules A to F.

Technical Specifications

Drawings

Amendments to Tender Documents (List enclosed)

General Conditions of Contract (read with Correction Slip Nos. 1 to --) comprising of

- (i) Conditions of Contract
- (ii) Clauses of Contract
- (iii) RITES Safety Code
- (iv) RITES - Model Rules for the protection of Health and Sanitary arrangements for Workers
- (v) RITES – Contractor’s Labour Regulations.

3. In consideration of the payment to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute, complete, remedy

defects therein and maintain the works in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay to the Contractor in consideration of the execution, completion, remedying of any defects therein and maintenance of the works, the contract price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused their respective common seals to be hereinto affixed (or have herewith set their respective hands and seals) the day and year first above written.

SIGNED, SEALED AND DELIVERED BY

<p>_____</p> <p>In the capacity of _____</p> <p>On behalf of M/s. _____</p> <p>(The Contractor)</p> <p>In the presence of</p> <p>Witnesses (Signature, Name & Designation)</p>	<p>_____</p> <p>representing IUAC</p> <p>(The Employer)</p> <p>In the presence of</p> <p>Witnesses (Signature, Name & Designation)</p>
---	---

INTEGRITY PACT: - NOT APPLICABLE

MANDATE FORM

To,
IUAC,

Dear Sir,

Authorization for payments through Electronic Fund Transfer System (RTGS/NEFT)

We hereby authorize IUAC to make all our payments, including refund of Earnest Money, through Electronic Fund Transfer System (RTGS/NEFT). The details for facilitating the payments are given below:

(TO BE FILLED IN CAPITAL LETTERS)

1	NAME OF THE BENEFICIARY	
2	ADDRESS WITH PIN CODE	
3	(A) TELEPHONE NO. WITH STD CODE	
	(B) MOBILE NO.	
4	BANK PARTICULARS	
A	BANK NAME	
B	BANK TELEPHONE NO. WITH STD CODE	
C	BRANCH ADDRESS WITH PIN CODE	
D	BANK FAX NO. WITH STD CODE	
E	11 CHARACTER IFSC CODE OF THE BANK (EITHER ENCLOSE A CANCELLED CHEQUE OR	
F	BANK ACCOUNT NUMBER AS APPEARING IN THE	
G	BANK ACCOUNT TYPE (TICK ONE)	SAVING CURRENT LOAN CASH CREDIT OTHERS
H	IF OTHERS, SPECIFY	
5	PERMANENT ACCOUNT NUMBER (PAN)	
6	E-MAIL ADDRESS	

I / We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not effected at all for reasons of incomplete or incorrect information, I / We would not hold IUAC responsible. Bank charges for such transfer will be borne by us.

Date: _____

SIGNATURE

(AUTHORISED SIGNATORY)

Name _____

BANK CERTIFICATION

It is certified that the above mentioned beneficiary holds bank account No. _____ with our branch and the Bank particulars above are correct.

Date: _____

SIGNATURE (AUTHORISED SIGNATORY)

OFFICIAL STAMP...

FORM OF EARNEST MONEY DEPOSIT BANK GAURANTEE BOND

DELETED

ANNEXURE XI

List of 60 districts covered under IAP

DELETED

Section - 2

TENDER & CONTRACT FORM

SECTION 2

TENDER AND CONTRACT FOR WORKS

To
Director,
IUAC, IUAC Campus
Aruna asaf ali Marg,
New Delhi-67)

TENDER

1. I/We have read and examined the Notice Inviting Tender and Instructions to Tenderers, Conditions of Contract, Clauses of Contract (Corrected upto correction slip No. 7 dated 28.04.2010), Special Conditions/Specifications, Schedule of Rates, Schedules A to F, Specifications applicable, Drawings and Designs, Schedule of Quantities, other documents and rules referred to in the Conditions of Contract and all other contents contained in the Tender Document for the work.
2. I/We hereby tender for the execution and completion of the work and remedy any defects therein, specified in the Schedule of Quantities within the time specified in Schedule "F", and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Notice Inviting Tender and Instructions to Tenderers and in Clause 11 of the Clauses of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.
3. We agree that our tender shall remain valid for a period of 90 days from the due date of submission thereof and not to make any modifications in its terms and conditions.
4. A sum of Rs. 11,00,000.00 (Rupees Eleven Lakh only) is hereby forwarded in the form of Banker's cheque/Demand Draft issued in favour of IUAC. Payable at _____ as the Earnest Money. Mandate Form authorizing IUAC to make all payments through RTGS/NEFT as per Annexure IX, duly filled in, is enclosed
5. If I/We withdraw my/our tender during the period of tender validity or before issue of Letter of Acceptance which ever is earlier or make modifications in the Terms and Conditions of the Tender which are not acceptable to the Employer, then the Employer shall, without prejudice to any other right or remedy, be at liberty to forfeit entire Earnest Money absolutely.
6. If I/We fail to furnish the prescribed Performance Guarantee within prescribed period, I/We agree that the said Employer shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money absolutely.
7. If, I/We fail to commence the work within the specified period, I/We agree that the Employer shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the Earnest Money and Performance Guarantee (If applicable)absolutely.
8. Further, I/We hereby agree that in case of forfeiture of Earnest Money or both Earnest Money & Performance Guarantee as aforesaid in paras 5 to 7, I/We shall be

debarred for participation in re-tendering process of the work.

9. On issue of Letter of Acceptance by the Employer, I/We agree that the said Earnest Money shall be retained by the Employer towards Security Deposit, to execute all the works referred to in the Tender document upon the Terms and Conditions contained or referred to therein and to carry out such deviations as may be ordered, upto 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 provisions contained in Clause 12.2 and 12.3 of the tender form.
10. I/We hereby agree that I/ We shall sign the Formal Agreement with the Employer within 28 days from the date of issue of Letter of Acceptance. In case of any delay, I/We agree that we shall not submit any Bill for Payment till the Contract Agreement is signed.
11. 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 Employer/State.
12. I/We hereby declare that I/We have not laid down any condition/deviation to any content of Technical Bid and/or Financial Bid. I/We agree that in case any condition is found to be quoted by us in the Technical and/or Financial Bid, my/our Tender may be rejected.
13. I/We understand that the Employer is not bound to accept the lowest or any tender he may receive. I/We also understand that the Employer reserves the right to accept the whole or any part of the tender and I/We shall be bound to perform the same at the rates quoted.
14. Until a formal agreement is prepared and executed, this bid together with our written acceptance thereof shall constitute a binding contract between us and IUAC.
15. I am/We are signing this Tender offer in my / our capacity as one/those authorized to sign on behalf of my/our company/as one holding the Power of Attorney issued in my favour as Lead Member by the Members of the Joint Venture.

Signature of Authorized Person/s
Date
Name/s & Title of Signatory
Name of Tenderer
Postal Address

Seal

Witness
Signature
Name
Postal Address
Occupation

Section - 3

SPECIAL CONDITIONS

Section - 3

SPECIAL CONDITIONS OF CONTRACT

These Special Conditions supplement the General Conditions of Contract wherever the provisions of special conditions are at variance with G.C.C the special Conditions shall have precedence over G.C.C.

1. RITES Ltd.(A Govt of India Enterprise), CP divn., RITES Bhawan-II, Plot No.144, sector-44, Gurgaon,(Haryana) is Project Management Consultant for the work who shall manage, monitor the progress, supervise, certify the bill/s of contractor.
2. Contractor shall make all correspondence addressed to Employer through RITES.
3. The Employer means the organization as mentioned in Schedule 'F' .
4. The Engineer-in-Charge means the Engineer officer of RITES Ltd. acting for and on behalf of Employer who shall supervise and be in-charge of the work.
5. **No labour hutments/jhuggis/camps shall be allowed within IUAC campus. Contractor has to make its own arrangement of transportation for the labourerr/s to site and back. Cost of the same shall be born by contractor and nothing extra shall be paid. However 1-2 essential staff like store keeper, security personnel etc. may be allowed to stay in the campus with the permission of IUAC.**
6. All material brought inside the campus should have challan copy to be submitted at entrance gate. Similarly any material taken outside the campus may have material Gate Pass duly signed by IUAC/RITES personnel.
7. All labours should have entry pass duly signed by the Contractor and an advance copy to be submitted at entrance gate of IUAC.
8. Adhoc payment will be released as per clause 7 of GCC within 5 working days by Employer after receipt of recommended letter for release of payment from RITES.
9. Tests/checks of/on the materials shall be performed at the expense of the contractor. The samples for tests shall be in all cases selected by the Engineer-in-charge and supplied by the contractor as part of the contract. If at any time any material so tested fails to meet the acceptance criteria, the same shall be removed from the site of work and other material substituted therefore, but in absence of any specified test/acceptance criteria, the decision of the engineer-in-charge shall be final and binding as to whether the said material or materials shall be used on the works, or forthwith removed and other material substituted.

For any tests as directed by the Engineer-in-charge, that have to be carried out at an outside laboratory/in field laboratory, the costs of such test, materials, transport etc., shall be borne by the contractor.
10. Any Fixture/equipment/material shall be procured after approval from the RITES/IUAC from the approved makes.
11. A mockup of furniture/artwork shall be prepared by the contractor for inspection of the IUAC/RITES for selection. Procurement of furniture or working of artwork shall be made after approval.
12. IUAC reserves the right to inspect the site and may suggest changes suitable to site condition. The same may be incorporated during execution of work.
13. Electrical power will be provided on chargeable basis at one single point near to the work place to

contractor for execution of work. The per unit charge will be @Rs 10/- (Ten) only. Contractor will bring his own Electrical Meter and to be fixed as directed. The charges will be debited to his running bill. Contractor should not misuse the facility and if found, the same will be disconnected.

14. All civil work required to breakage or damage occurred during execution of Audio-Video work and making it good is in the scope of the contractor and he should quote his rates considering this factor also..
15. Material rejected by IUAC/RITES should be immediately removed from IUAC site.
16. IUAC may ask the contractor to supply any item required to complete the job satisfactorily. The rates for extra item will be derived from latest DSR and in absence of DSR market rates will be considered at the time of execution of rates.).
- 17.

INSTRUCTION TO BIDDERS

- 1.1 All items of work under this contract shall be executed strictly to fulfill the requirements laid down under the specifications / BOQ. Type of equipment, material specification, methods of installation and testing and type of control shall be in accordance with the specifications, approved shop drawings and the relevant Indian Standards. However capacity of each component and their quantities shall be such as to fulfill the above mentioned requirement.
- 1.2 The unit rate of all equipments or materials shall include cost in RUPEES for equipment and materials including all taxes and duties and also including forwarding, freight, insurance and transport into contractor's store at site, storage–installation, testing, commissioning and other works required.
- 1.3 The rate of each item of work included in the schedule of quantities shall, unless expressly stated otherwise, include cost of:
 - 1.3.1 All materials, fixing materials, accessories, appliances tools, plants, equipment, transport, labor and incidentals required in preparation for and in the full and entire execution, testing, commissioning and completion of work called for in the item and as per Specifications and Drawings.
 - 1.3.2 Wastage on materials and labor.
 - 1.3.3 Loading, transporting, unloading, handling/ double handling, hoisting to all levels, setting, fitting and fixing in position, protecting, disposal of debris and all other labor necessary in and or the full and entire execution and for the job in accordance with the contract documents, good practice and recognize principles.
 - 1.3.4 Liabilities, obligations, whether such requirements are mentioned in the item or not. The specifications and drawings where available, are to be read as complimentary to and part of the Scheduled of Quantities and any work called for in one shall be required for all.
 - 1.3.5 All requirements of Specifications, whether such requirements are mentioned in the item or not. The Specifications and Drawings where available, are to be read as complimentary to and part of the Scheduled of Quantities and any work called for in one shall be taken as required for all.

Section - 4

SCHEDULES A TO F

SECTION 4

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (As per Bill of Quantities attached with Financial Bid)

SCHEDULE 'B' –

Schedule of materials to be issued to the contractor. **(Refer Clause 10 of Clauses of Contract)**

S.No	Description of items	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. (Refer clause **34 of Clauses** of Contract).

S.No	Description	Hire charges per day	Place of Issue
1	2	3	4

- Not Applicable -

SCHEDULE 'D'

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

- Not Applicable -

SCHEDULE 'E' –

Schedule of component of Cement, Steel, other materials, POL, Labour etc .for price escalation. **(Refer Clause 10CC of Clauses of Contract).**

- Not Applicable -

CLAUSE 10 CC: - Not Applicable -

Component of Cement (Xc)

expressed as percent of total value of work 5%

Component of steel (X5)

expressed as percent of total value of work 10%

Component of other materials (XM) (except cement & steel)

expressed as per cent of total value of work 50%

Component of labour (Y)

expressed as percent of total value of work 35%

Total 100 %

SCHEDULE 'F'

Reference to General Conditions of Contract

Name of Work : "Interior Designing Work of Auditorium including balance Civil Work, Acoustical, Internal electrical and Fire fighting Works at IUAC Campus, New DELHI."

Estimated cost of work : **Rs. 5,43,35,730.00**

Earnest money : **Rs. 11,00,000.00**

Performance Guarantee (**Ref. Clause 1**) **5% of Tendered value.**

Security Deposit: (**Refer clause 1A**) **5% of Tendered value**

Notice Inviting Tender and Instruction to Tenderers

Officer inviting tender: **Director/IUAC**

CONDITIONS OF CONTRACT

Definitions

2 (iv) Employer **Inter University Accelerator Centre ,New Delhi-67.**

2 (v) Engineer-in-Charge **RITES, Gurgaon.**

- 2(vii) Accepting Authority **Director/IUAC**
- 2(ix) Percentage on cost of materials
and labour to cover all **15%**
overheads and profits.
- 2(x) Standard Schedule of Rates: **DSR 2014**
- 2(xiii) Date of commencement of work: 15 days from the date of issue of LOA or the first
Date of handing over of site whichever is later
- 9(ii) Standard RITES Contract Form **RITES Tender and Contract Document 2015
(as modified and corrected upto 08.09.2016
Correction Slip No. 6)**

CLAUSES OF CONTRACT

Clause 1

- (i) Time allowed for submission of
P.G. from the date of issue of
Letter of Acceptance **15 days.**
- (ii) Maximum allowable extension
beyond the period provided in
(i) above **07 days.**

Clause 2

Authority for fixing compensation under **Director/IUAC**
Clause 2

Clause 2A

Whether Clause 2A shall be applicable **No**

Clause 5

- i) Time allowed for execution of work **6(Six) months**

5.1 (b) TABLE OF MILESTONE(S)

S.No	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non achievement of milestone
1	1/8th of Accepted Value	1/4th the time of completion period	One percent of the Contract value
2	3/8th of Accepted Value	1/2nd the time of completion period	-Do-
3	3/4th of Accepted Value	3/4th the time of completion period	-Do-
4	Full Work	Full	As per clause 2 of RITES GCC

Clause 6A Whether 6 or 6A applicable:

Clause 6 applicable

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

Rs. 20.00 Lacs

Clause 10A

i) Whether Material Testing Laboratory is to be provided at site.

No

ii) If "YES" list of equipments to be provided

Clause 10 B

Whether Clause 10 B (ii) to (vi) applicable

No

Clause 10 CC

No

Clause 11

Specifications to be followed for execution of work

For CPWD DSR Items:-

CIVIL WORKS

CPWD Specifications 2009 Vol. I & II.

ELECTRICAL WORKS

CPWD General Specifications

Part I	Internal 2013
Part II	External 1994
Part III	Lifts & Escalators 2003
Part IV	Substations 2013
Part V	Wet RiserSprinkler System 2006
Part VI	Heating, Ventilation & Air Conditioning Works 2005
Part VII	DG Sets 2013

Clause 12

Clause 12.2 Deviation Limit beyond which
12.3 & 12.5 Clauses 12.2,12.3 & 12.5 shall
apply

i) For Non-foundation items.

Plus 25%

Minus No limit

ii) For Foundation Items

Plus 100%

Minus No limit

Note: For Earthwork, individual classification quantity can vary to any extent but overall Deviation Limits will be as above.

Clause 16 Competent Authority for Director/IUAC
Deciding reduced rates

Clause 18 List of mandatory machinery, tools & plants to be deployed by the Contractor at site:- **As per requirement.**

Clause 25

Appellate Authority - **Director/IUAC**

Appointing Authority - **Director/IUAC**

Clause 31 A **APPLICABLE**

Clause 32 **NOT APPLICABLE**

Clause 36 (i) & (iii) Minimum Qualifications & Experience required and Discipline to which should belong

Designation	Minimum Qualification	Minimum working experience	Discipline to which should belong	Number
Principal Technical Representative	Graduate in Engineering	5years	Civil Engineering	1
Project/site engineer	Graduate Engineer	Nil	Electrical	2
	Diploma Holders	5 years	Electrical	2

36 (iv) Recovery for non-deployment of Principal Technical Representative and Deputy Technical Representative

Designation	Rate of Recovery per month (in Rs.) for non-deployment
Principal Technical Representative	35000/-
Graduate Engineer or Diploma Holders	20000/-

Clause 42 Return of Material and recovery of
For excess material issued.

Not applicable

Clause 46

Whether Clause 46.11.1A shall be applicable
Whether Clause 46.13A shall be applicable

Yes
No

Clause 46.10

Not Applicable

Clause 46.17

City of Jurisdiction of Court

Delhi

Clause 47.2.1

Sum for which Third Party
Insurance to be obtained.

**Rs. 10.00 Lac per occurrence with the
number of occurrences limited to 4.**

Clause 55

Whether clause 55 shall
be applicable.

No

Section – 5

GENERAL SPECIFICATIONS

SECTION 5

GENERAL SPECIFICATIONS

1.0 STANDARD SPECIFICATIONS ISSUED BY CPWD

1.1 Civil Engineering Works

CPWD Specification 2009 Vol. I & II. These Specifications have replaced CPWD Specifications 1996 along with Correction Slips issued on them These Specifications cover all types of Building Works. The specifications are available as a printed document issued by CPWD and also in soft copy PDF Format in CPWD website.

1.2 Electrical Engineering Works

Part No.	Description	Year of issue
I	Internal	2013
II	External	1994
III	Lifts and Escalators	2003
IV	Sub Stations	2013
V	Wet Riser and Sprinkler Systems	2006
VI	Heating, Ventilations & Air Conditioning Works	2005
VII	D.G. Sets	2013

The above documents are available as Priced Document issued by CPWD and in soft copy PDF Format in CPWD website.

2.0 STANDARD SPECIFICATIONS ISSUED BY MINISTRY OF SURFACE TRANSPORT:-DELETED

Specifications for Road and bridge works (Fourth Revision) August 2001 have been published by Indian Road Congress as a priced document. These specifications cover exhaustively various road and bridge works.

2.0 STANDARD SPECIFICATIONS ISSUED BY INDIAN RAILWAYS:- DELETED

3.0 SPECIAL SPECIFICATIONS: DELETED

APPROVED MAKES OF MATERIALS

The contractor shall provide samples of all materials mentioned in the list of makes. A written approval of these samples shall be sought prior to commencement of any work. The source of materials specified in the tender document shall be authenticated by the Contractor at the procurement stage. Engineer-in-charge/representative reserves the right to enquire about the genuineness of any material used at site directly from the Manufacturer's/ Dealer specified in the tender.

- a) The makes of equipments / materials are approved subject to their meeting the tender specifications, BOQ & site requirements.
- b) Final choice of makes among the approved list shall rest with the Client/Project Consultant. Contractor may take written approval for make of material to be brought to site**
- c) Submit Catalogues where ever applicable .
- d) Catalogues / Selection or Data sheets and performance curves for all the equipments & materials should be submitted(where ever applicable) for approval prior to procurement.
- e) Contractor will be responsible to ensure the quality of products listed in the approved list of makes/brands. He will have to replace the defective and sub-standard materials at his own cost.

S.No.	Material	Make
1.	Grey Cement	ACC/ Birla/ Ultratech
2.	White Cement	JK/ Birla/ Modi
3.	Steel	TISCO/ SAIL/ RINL/Jindal
4.	MS Rectangular/ Square Hollow Sections/sheets	Tata /Jindal/ Bhushan/ Atlas Steel Tubes
5.	Aluminium Sections	Hindalco/ Nalco/ Balco
6.	Anti-Termite Chemical	Vam Organic Chemicals/ Fosroc Chemicals (India) Ltd / Lupin
7.	Water Proofing Chemicals & Membrane	Pidilite/ Roffe Construction Chemicals (P) Ltd./ Leika Ltd./ CICO
8.	Waterproof Penetrating Shield Treatment	Pidilite/ Dry Treat (Australia)/ Ardex Endura/ Sika
9.	Stain Proof Penetrating Shield Treatment	Pidilite/ Dry Treat (Australia)/ Ardex Endura/Sika

10.	Construction Chemicals & Plasticizers	Fosroc Chemicals (India) Limited/ Roffe Construction Chemicals (P) Ltd./Sika
11.	Bitumen, Expansion Board	Shalimar Tar Product Ltd./Bengal Chemical Ltd.
12.	Vitrified Flooring Tiles	Nitco/ Kajaria/ Johnson/ Somany
13.	Ceramic/ Glazed/ Anti-Skid Floor Tiles	Kajaria/ Nitco/ Somany/ Johnson
14.	Mosaic/Porcelain Tile	Practico/ Surfazeplus or as per appvd. design
15.	Composite/ Engineered Marble	Nitco/ Silastone / Technostones
16.	Laminated wooden Floor	Pergo/ Lamett Soho/ EGO
17.	Bamboo floor	Krono Original/Mozo Bamboo/Lamett/EGO
18.	Broadloom Carpet – Loop Tufted Cut Pile	EGE/ Mohawk/Carus/ Shaw/ Essential /Milliken/ Forbo
19.	Carpet Tiles	Carus/ Mohawk/ Milliken/ Shaw/ Modulyss/ Bolyu/ Tandus/ Interface/Forbo
20.	Wall Putty	Birla / JK
21.	Synthetic Enamel Paint	Asian Paints/ Kansai Nerolac/ Berger/ Dulux/ ICI
22.	Distemper (Low VOC)	Asian Paints/Kansai Nerolac/ ICI/ Berger
23.	Fire Retardant Paint	Asian Paints/ Navair International Ltd./ Nugreen Building Technologies
24.	Automotive Paint	ICI/ Asian Paints/ Kansai Nerolac
25.	Texture paint(Low VOC)	Oikos / Ultratech/Asian Paints
26.	Acrylic Emulsion Paint(Low VOC)	Oikos /Asian Paints/Kansai Nerolac
27.	Block Board & Plywood	Duro/ Green/ Merino/Bhutan Tuff/Kitply
28.	Flush Door Shutters	Duro/ Century/ Green/ Merino/ Archidply/ Bhutan Tuff/ Kitply
29.	Prelaminated Board	Green/ Merino/ Associate
30.	Exterior grade Plywood	Duro / Green /Merino/ Archidply/ Bhutan Tuff/Kitply
31.	Exterior grade MDF	Green/ ASIS or approved equivalent
32.	Marine Ply	Duro/ Green/ Archidply/ Bhutan Tuff/Kitply
33.	Flexi Ply	Duro/ Green/ Archidply/ Bhutan Tuff/Kitply
34.	Natural veneer	Green / Duro / Century
35.	Laminates	Merino/ Greenlam / Century/ Formica
36.	Epoxy adhesive	Araldite /Macro polymer or equivalent
37.	Wood Adhesive	Pidilite/ Jiwanjor
38.	Rubber Base Adhesive	Pidilite/V Bond or equivalent
39.	Metallic False Ceiling – Perforated/ Baffle/ Non-perforated	Armstrong/ Hunter Douglas/ Durlum/ OWA/SG-CMC/ SAS
40.	Clear Float Glass	Saint Gobain/ Asahi/ Modi
41.	Lacquered Glass	Saint Gobain, AIS décor, GSC glass Ltd.

42.	Hardware – Door closer, Floor spring, Locks	Hafele/ Dorma/ Geze or equivalent
43.	Glass Door Fittings & Accessories	Dorma/ Hafelle/ Geze or equivalent
44.	Cabinet Hardware & Accessories	Hettich/ Kich
45.	Fasteners	Hilti / Fischer/ Canon
46.	Glass Reinforced Concrete (GRC) Panels	Unistone/ Terra Firma/ Birla White
47.	Plaster of Paris	Shriram / Superfine / JK / Sakarni
48.	Plain Gypsum ceiling (Fire Resistant Board/ Moisture Resistant Board)	Saint Gobain Gyproc/ Boral Gypsum India Pvt. Ltd./ USG/ Promat
49.	Perforated Gypsum Board Ceiling	Saint Gobain Gyproc/ / Boral Gypsum India Pvt. Ltd.
50.	G.I. ceiling frames	Saint Gobain/ Boral Gypsum India Pvt. Ltd.
51.	Mineral Fiber Tile Ceiling	Saint Gobain/Armstrong/OWA/USG
52.	Cellotex Tile Ceiling	Saint Gobain Gyproc /Armstrong/USG
53.	PVC Laminated Gypsum Tile Ceiling	Saint Gobain Gyproc/ USG
54.	Wooden Ceiling Panels – Perforated/ Non-perforated	Durlum/ Armstrong/ Hunter Douglas
55.	Acoustic Lattice Wooden Wall Paneling	Woodfit / Durlum/ Armstrong/ Hunter Douglas
56.	Fabric Finished Acoustic Paneling	Ecophone/ Armstrong/ Anutone
57.	Wood Wool Cement Slab	Anutone or equivalent
58.	Insulation	UP Twiga / Owens Corning / Dow Corning / Rockwool
59.	Tile Adhesive	Laticrete /Sika/ Dr Fixit
61.	Tile Joint Filler	Laticrete /Sika/ Dr Fixit
62.	Frosting Film	3M/ Llumar or equivalent
63.	Roller & Vertical blinds	Mac Décor / Vista Levolor/Hunter Douglas
64.	Fabric	Response/ Atmosphere/ Jagdish Store
65.	SS Handrail – Modular & Component based	Q-Railing/Shri Ram Grill Craft or equivalent
66.	Silicon	GE/ Dow Corning
67.	Wall Paper	Elementto/ Artisan
68.	Magnetic White Board	White Mark/ Alkosign/ Kapsons
69.	Wooden Fire Rated and SR Doors	Sukri/ Navair International Ltd./ Aadhunic / Promat (Transcend Exim (P) Ltd.)/ Shaktimet/ Hormann
70.	Acoustic Paint	Asona India/ <u>TufClad</u> or approved equivalent
71.	Wire Rope Hangers & Supports	Gripple or approved equivalent
72.	Solid Acrylic Counter Top	LG Hausys/ Merino Hanex/ Samsung Staron/ Dupoint Corian
73.	Fire door accessories	Ingersoll Rand make/ Dorma/Abloy/Becker

74.	Hard wood stage floor	Kahrs/ Junckers/ Salisbury Hardwood, UK/ BOEN, Norway.
75.	Carpet underlay	Supreme industries or approved equivalent
76.	Textile floor carpet/flocked flooring	Forbo or approved equivalent.
77.	Antistatic flooring	Unifloor, Tate, Kingspan.
78.	Vinyl sheet flooring	Armstrong or approved Equivalent.
79.	Acoustic ceiling tile	Armstrong/Decosonic/Ecophone/AMF
80.	G.I Clip in tile ceiling	Armstrong/Unimet/Hunter Duglous/lindner
81.	Wood polymer composite board	Alstone oligo or approved equivalent
82.	Lacquered glass	Saint Gobain, AIS décor, GSC glass Ltd.
83.	Art work	US-INDIA Art and Culture exchange centre/ MS Creative Crafts/Artista
84.	Furniture work	Godrej, Indo Innovations, Herman miller, Steel case, Vitra.

LIST OF APPROVED MAKES FOR EQUIPMENT & MATERIALS
PLUMBING & FIRE FIGHTING

S.No	Details of Materials/ Equipment	Manufacturer's Name
1	a. Vitreous China Sanitary ware	Cera, Hindustan Saniatry, Neycer, Parryware
	a. WC Connectors	Prince, Supreme
2	Seat Cover (Heavy Duty)	Commander, Patel, Admiral
3	Stainless Steel Sink	Kingston, Prestige, Neelkanth, Nirali, AMC, Jayna
4	Auto Urinal Flush Sustum	AOS Auto Robo Fluhing System , Toshi Askon Engineers UTEC System, Kapal ,Jaquar.
5	Hand Drier	UTEC System, Toshi Blue Circle, Kopal

6	CP Brass Fittings	PARKO, Ess-Ess, Jaguar, Kohler, Crabtree, Prima, OTHELO, Gem
7	Angle valve with filter	PARKO, Ess-Ess, Jaquar, Kohler, Crabtree, Prima, OTHELO, Gem Arco, Parko, Jaquar
8	Floor Drain Fixture, Rain Water outlets & Channel Gratings	Neer - GMGR
9	C.P Grating for Floor Trap	Chilly Cookroach Trap
10	Cast Iron Pipes & Fittings Manhole covers and frames	
	a. As per IS: 3989 (Pipes & Fittings)	Kapilansh, NECO, CIAL
	b. As per IS: 1729	NECO, Raj Iron Foundry Arga, SKF, Kesoram, National Castings
	c. As per IS: 1536	Electro Steel Calcutta, IISCO
	d. D.I. Manhole Covers & Frams	NECO, RIF, BC
11	Drip Seal	Vinod Cement Co. Chandigarh (PJS- 43)
12	GI Pipes (IS : 1239 and IS : 3589)	JINDAL, TATA STEEL, PRAKASH, SURYA
13	GI pipes fittings	Kirti, Unik, Zoloto M., R Brand
14	UPVC Pipe	Astral, Finolex Prince, Supreme
15	Polyethylene	Reliance, Trust (Kimplus)
16	RCC Pipe	K K, Pranali, Jain spun Pipe, Pragati
17	Stoneware Pipes, Gully Traps	Perfect Potteries, Jabalpur ,Rajura, Devraj Ind Ghaziabad
18	GM / Forged Brass Valves	Arco, Danfoss, Leader, RB, Sant, TBS ,Zoloto
19	Sluice Valves	Kirloskar, IVC, SIF, KESORAM
20	Butterfly Valve	Audco Jayhiwa, Zoloto , Advance
21	Wafer Type Check Valve	Advance, Kirloskar, Sant, Zoloto, Advance

22	Pressure Reducing Valve	Fouress, Zoloto, RB, Honeywell
23	Solenoid Valve	Avcon Danfoss , Aira
24	Stream Pressure Reducing Station / Valve	Forbes Marshall Zoloto
25	Air Release Valve	Fouress, Arco, Zoloto
26	Ball Float Valve	HBD ,Van Engg., PRIMA
27	Y Strainer	Emerald, Sant, Zoloto
28	Storm Water Drainage Sump Pumps (Submersible)	DP, Grundfos, Kishore, Calpeda Jasco, Nocchi, KSB
29	Sewage Handling pumps	Grundfos, Jasco, Calpeda DP, Zenit, KSB
30	Transfer Pumps	Kirloskar ,Grundfos ,DP ,Beacon ,KSB,Mather & Platt
31	Dirnking water Cooler	Blue Star ,Voltas ,Usha
32	Borewell Pump	KSB, Crompton Greaves
33	Mechanical Seal	Burgmann, JK Seals, Eagle Seals
34	Couplings	Lovejoy, Poona Couplings
35	Anti Vibration Mounting & Flexible Corrections	Dunlop, Welcome Engg , Resistoflex Kanwal Industrial Corporation
36	Pressure Gauge	Fiebig, H Guru, Emerald
37	Water Meter (Mechanical Type)	Acturis, Kaycce, Aquamet
38	Electronic Flow Meter	ROCKWIN , KENT
39	Level Controller & Indicator (Water)	Auto Pump ,Techtrol ,Technika, MINILAC
40	Level Indicator (oil)	Forbes Marshall

41	Paints	Asian Paints, Berger, ICI, Shalimar Paints, Nerolac
42	MH / Water Tank Plastic Steps	KGM ,Pranali Industrices
43	Water Treatment Plant	Thermax, Purge Ion Exchange, Tesla Technologies
44	Water Treatment Vessel	Astral, Structural
45	Ultra Violet Water Purifier	Alfa , Pentair , Ion Exchange, Eureka Forbes
46	Dosing Pumps	Heidelberg Prominent Fluid Controls, Toschon, Asia LMI
47	Garbage Crusher	Venus, Asia LMI
48	Water Supply Nozzle	Astral, HDMAKE
49	Insulation For Hot water pipes	Armacell - Armaflex (India), Lloyd India Ltd., K-Flex St - K- Flex (Italy) ,Vidoflex
50	Solor Heating	Tata ,The Standard Products Mfg. Co.
51	Electric Water Heater	Idotripi ,Spherehot ,Venus
52	Three Way Motorized Value	Honeywell ,Siemens ,Sauter ,Jojnson Control
53	Welding Rods	ADOR / Advani/ Victor/ Esab
54	Fastner	Fisher, Hilti
55	MH Cover & Frame	NECO, Raj Iron Foundry Agra, Siemens Kirloskar
56	Motor	ABB, Siemens, Crompton, Kirloskar
57	Mechanical Seal	Burgmann
58	Anti Vibration Mounting	Dunlop, Kanwal Industrial Corporation Resistoflex
59	Pressure Switch	Indfoss System Sensor

60	Fire Extinguisher ISI marked	Ceasefire, MINIMAX, Safeguard
61	Fire Fighting First Aid Hose Reel	Padmini, Kesara Plast
62	R. R. L. Hose	Newage/ Padmini/ Kesara Plast/Safeguard
63	Hose Coupling/ Branch Pipe/ Nozzle	Minimax, Newage, Padmini
64	Landing Valves IS: 5290/ FB Connection Draw Act	Minimax, Newage, Safeguard
65	Water Supply Hydro Pnumatic System	DP Holland, Grundfos, Salemsen, IITLOWRA
66	Fire Pump	Grundfos, Kirloskar, M&P(Marther & Platt)
67	MS Pipe	TATA, JINDAL (Hissar), SURYA
68	Pressure Switch	Indfoss, Danfoss
69	Flow Switch	System Sensor, Rapid Control
70	Pipecoat	IWL, Pypkote
71	Anunciation Panel	Daksh, Agni, ASE
72	ICV	HD, TYCO, Viking
73	Sprinkler	HD, TYCO, Viking
74	Butterfly Check Valve	IVC, Zoloto, Advance
	ITEM	MANUFACTURER
1	Fire Check doors	M/s. Earcons Acoustic, Navair, Global
2	Panic Bars	M/s. Earcons Acoustic, Navair, Global
3	Textile floor carpet	Flotex or equiv
4	Cork , Alloc or equiv	Earcons or Equvilant
6	Glass wool Acoustic tile for False ceiling	Parmaphon/ Ecophon/ Euracoustics/ Armstrong or equivalent
7	Metal ceiling system	Linder/ Bardiss/ Goldbach
8	Wooden panelling	NSA Wooden Panelling/ Virag/ Spaudigal panel
9	Glass Wool acoustic Paenlling	Parmophon/ Akustic Integra/ Ecophone
10	Auditorium Chair	Theater Solutions , Earcons , Goodrej make
11	Wooden flooring	JPS Cork or equivalent

LIST OF APPROVED MAKES FOR ALL ELECTRICAL WORKS

Sr. No.	Details of Materials / Equipment	Manufacturer's Name
1.	HT panel	ABB /Siemens/GE/Schneider Electric/L&T and their system house channel partner
2.	Air Circuit Breaker (3/4 Pole)	ABB /GE /Siemens/ Schneider Electric/L&T
3.	Moulded Case Circuit Breaker (MCCB) 3 & 4 with rotary operating mechanism)	ABB/Siemens /GE/L&T/ Schneider Electric
4.	Miniature Circuit Breaker (MCB)& Distribution Boards (MDB's & DB's)	ABB/Siemens /GE/Legrand/Indo-Asian/C&S/ Schneider Electric
5.	Residual Circuit Breaker (RCCB / RCBO's)	ABB/Siemens /GE/Legrand/Indo-Asian/C&S/ Schneider Electric
6.	Power/Aux. Contactor 3 / 4 pole	ABB,GE Power Control Larsen & Toubro, Siemens Schneider Electric ,C&S
7.	Off-Load/ON-Load Change Over Switch & ATS(Automatic transfer switch)	GE/ Schneider Electric/Indo-Asian/Larsen & Toubro/C&S
8.	Potential Transformers	Automatic Electric ,Gilbert & Maxwell Kappa,Matrix
9.	Current Transformer (Epoxy Cast Resin)	Kappa,Matrix Automatic Electric Gilbert & Maxwell
10.	Indicating Lamps LED type , Push Button	GE Power Controls Schneider Electric (MG) Siemens Ltd./C&S Larsen & Toubro (ESBEE)
11.	Overload relays with built in Single Phase Preventer	ABB/ MINILEC/C&S Siemens Ltd./GE Power Control Schneider Electric Larsen & Toubro
12.	ElectronicDigital Meters (A/V/PF/Hz/KW/KWH) (Networkable)	ABB /Secure/Rishabh/Trinity/ Conzerv /L & T
13. (a)	PVC insulated XLPE aluminium / copper conductor armoured MV Cables upto 1100 V grade	CCI/ KEC/Universal/ Grandlay/ Polycab/GEMSCAB

13. (b)	HT Cable	CCI/ KEC/Universal/Polycab
14.	LT Jointing Kit / Termination	Raychem/M-Seal/3M
15.	Cable Glands Double Compression with earthing links.	COSMOS/Comet/3D/3M
16.	Bimetallic / Copper / Aluminium Cable Lug	Comet/3D/Dowell's /3M
17.	FRLs PVC insulated copper conductor stranded flexible wire (pre twisted)	Havells/Finolex/Polycab/Lapp/RR Kabel/Grandlay
18.	PVC Conduit (ISI approved) & Heavy Duty Accessories for PVC Conduit	BEC/AKG/Avon Plast/POLYCAB
19.	GI Conduit (ISI approved)	BEC/AKG/JPC/RMCON
20.	Maintenance Free Battery	Exide/Amron/Hitachi
21.	Battery Charger	Caldyne/Logic State/Volstat
22.	Cable Trays / Raceways (Prefabricated)	Profab Engineer/Swift/CTM Engg OBO/Indeana
23.	Polycarbonate Junction Boxes	Hensel/Spelsberg/HPL
24.	Rubber Mats (ISI mark)	Jyoti /Millars/Safevolt/Maruti Electromat
28.	Paints	ICI/Asian/Berger/Nippon
29.	Fire Sealent	Promat/Hilti/Birla – 3 M
30.	Power Capacitor	Ducatti/Meher (Larsen & Toubro)/ Siemens (Epcos)/C&S
31.	Automatic Power Factor Correction Relay (Numeric Type)	Beluk (Germany)/Conzerv Siemens/English Electric/epcos
32.	Switch & Socket	Crabtree/Anchor /ABB /M K /L&T/C&S
33.	Terminal Blocks	Connect Well Elmex/Wago/PHOENIX

34.	Industrial Socket (Metal Clad)	ABB/C&S/ MDS Legrand/Indo-Asian Crompton Greaves
35.	Ceiling Fan	Crompton Greaves//Philips/Usha Orient/
36.	Lighting Fixtures	
	a. Incandescent / Halogen / PL / Metal Halide/ Fluorescent	Philips/Crompton Greaves/Bajaj GE/Thorn/Wipro
	b. External Lighting Fixture	Philips/Keslec Shrider/LIGMAN Wipro /Crompton Greaves/Bajaj
	c. Aviation Obstruction Light (LED Type)	Philips/Thorn/Crompton Greaves/Bajaj
37.	Electronic Ballast for Fluorescent (To be selected as per fixtures' manufacturer)	Philips/Bajaj Electricals Ltd Crompton/GE/Thorn/Wipro
38.	Selector Switch, Toggle switch	Kaycee/ Salzer (Larsen & Toubro)
39.	Lighting Poles	Bombay Tubes and Poles/ Bajaj Electricals/ Keslec Shrider/ Crompton /K-Lite
40.	HDPE underground cable duct	Rex Polyextrusion/ Tirupati Plasomatics/ Duraline
41.	UPS	APC /Emerson /PCI/EATON/AAL /GE
42..	LT Panel, Power Distribution Panel and Motor Control Centre / Capacitor Panels/ DG Synchronizing Panel(All LT Panels)	Adlec Control System Pvt. Ltd./ Tricolite/ABB Ltd./ Schneider Electric/ SPC Electrotech Pvt. Ltd / Risha Control System /Preceision System control
43.	Cast Resin (EPOXY) Type Transformer	Universal/Crompton/ABB/ Schneider/SIEMENS/ALSTOM
44.	Protection Relays (Numeric Type)	ABB/GE/Areva/Siemens/L & T
45.	Static Power Meter & Logger (Trivector Meters)	ABB /GE/Conzerv/ EI Measure/L&T
46.	HT Jointing Kit	Birla-3M/M-Seal/Raychem
47.	HT Termination Kit	Birla-3M/M-Seal/Raychem
48.	Motors (Energy Efficient Class – I)	Kirloskar/Crompton Siemens

		ABB /Bharat Bijlee
49.	Protection Relay	
	a. Numeric Type	ABB, GE,Areva,Siemens,L & T
	b. Electromagnetic Type	ABB,Areva,Larsen & Toubro
50.	Automatic Power Factor Correction Relay (Numeric Type)	Beluk (Germany)/Conzerv/ Siemens/English Electric/ EPCOS/L & T
51.	Bus Duct (Sandwich Construction)	Control & Switchgear/ Megaduct (Marketed by Larsen & Toubro)/ EAE/ Legrand
52.	Solar System	Photon Energy Systems/ Novergy Energy solutions/ Tata BP solar/BHEL/CEL/Bosch
53.	Timer	ABB/Legrand/Schneider Electric / Seimens/GE
54.	Fire Survival Cable(MICC)	Tyco/Ramcro/Pyrotenax/Julie/Rockb estos/Wrexham
55.	Fire alarm, detection and PA System	Simplex/Nohmi/Notifier/Bosch
56.	CCTV System	Honeywell/Hikvision/Bosch
57.	Wire for DATA , TV, Telephone	Havells/Finolex/Polycab/Lapp/RR Kabel/Grandlay

- Note:**
1. The contractor shall supply only ISI marked materials as per any of the makes or brands indicated above.
 2. In case, the firm is not manufacturing ISI marked materials for any of the brands, first quality materials shall be accepted.
 3. The samples of the materials shall in either case have to be got approved from the Engineer-in-charge.
 4. Materials where no make/brand have been mentioned, ISI marked samples shall be submitted by the contractor for approval of the Engineer-in-Charge.
 5. For those class of materials, where no firm exists with ISI approval, samples of first quality material of the firm shall be submitted for the approval of the Engineer-in-charge.
 6. Any variation from the above mentioned makes/brands will require specific approval of the Engineer-in-charge.
 7. It will be Contractor's responsibility to ensure the quality of products listed in the approved list of makes.
 8. Contractor will have to replace the defective and substandard materials at his own cost.

Section - 6

DRAWINGS

LIST OF DRAWING ENCLOSED

S.No	TITLE	DRAWING NO
1	LIGHT DETAIL GROUNG FLOOR	IUAC/RITES/ELE/LIGHT-01
2	PLAN AT +4350 LVL.	IUAC/RITES/ELE/LIGHT-02
3	LIGHT DETAIL FIRST FLOOR	IUAC/RITES/ELE/LIGHT-03
4	PLAN AT +13500 LVL.	IUAC/RITES/ELE/LIGHT-04
5	PLAN AT +450 LVL	IUAC/RITES/ELE/POWER-01
6	PLAN AT +4350 LVL.	IUAC/RITES/ELE/POWER-02
7	PLAN AT +6750 LVL	IUAC/RITES/ELE/POWER-03
8	PLAN AT +13500 LVL.	IUAC/RITES/ELE/POWER-04
9	FIRE ALARM SYSTEM GROUND FLOOR	IUAC/RITES/FIRE ALARM & PA-01
10	FIRE ALARM SYSTEM FIRST FLOOR	IUAC/RITES/FIRE ALARM & PA-02
11	SINGLE LINE DIAGRAM FOR FIRE ALARM SYSTEM	IUAC/RITES/FIRE ALARM & PA/SLD-03
12	CCTV SYATEM LAYOUT SITE PLAN	IUAC/RITES/ELE/CCTV-01
13	CCTV SYATEM LAYOUT GROUND FLOOR	IUAC/RITES/CCTV-02
14	CCTV SYATEM LAYOUT FIRST FLOOR	IUAC/RITES/CCTV-03
15	SINGLE LINE DIAGRAM FOR CCTV SYSTEM	IUAC/RITES/CCTV/SLD-03
16	DISTRIBUTION BOARD DETAIL	IUAC/RITES/ELE/DB-01

RITES

PART-3

GENERAL CONDITIONS OF CONTRACT FOR WORKS

DECEMBER 2015

