INSTITUTE OF ADVANCED
STUDY IN SCIENCE AND TECHNOLOGY
(An autonomous Institute under Department of Science and Technology, Govt. of India) PASCHIM BORAGAON, GUWAHATI – 781 035.

TECHNICAL BID

TENDER DOCUMENT FOR SUPPLY, INSTALLATION & COMMISSIONING OF PANIC BUTTON AND ALARM PANEL SYSTEM FOR ACADEMIC BUILDING AND SAIC BUILDING OF IASST at IASST, PASCHIM BORAGAON, GUWAHATI-35.

___ December' 2024 Guwahati

TENDER DOCUMENT NO:

NAME OF WORK: Tender Document for Supply, Installation and Commissioning of Panic Button and Alarm Panel System for Academic Building and SAIC Building at IASST, PASCHIM BORAGAON, GUWAHATI-35.

Name of Contractor/Firm…….

Address of Communication……

……

Mobile No. : ……

Photograph

INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY
AN AUTONOMOUS INSTITUTE UNDER DEPARTMENT
OF SCIENCE AND TECHNOLOGY (GOVT. OF INDIA)
Vigyan path, Paschim Boragaon, Garchuk, Guwahati – 35

Advt. No: 523 Dtd.: 09.12.2024

NOTICE INVITING TENDER

The Registrar, IASST, PaschimBoragaon, Guwahati – 781 035, invites sealed items rate tenders on Two Bid System for the following work:

NIT No	Name of works and Location	Estimated cost put to tender	Earnest Money	Time of Completion	Last date of time		Time & date of opening Tender
					Download of tender documents	Submission of Tender document (Hard copy)	
1	2	3	4	5	6	7	8
	Supply, Installation and Commissioning of Panic Button and Alarm Panel System for Academic Building and SAIC Building at IASST, PASCHIM BORAGAON, GUWAHATI-35.	**₹6,05,208.00** (Including GST)	**₹12,105.00**	1 Month	09/12/2024 to 30/12/2024 up to 5.00 PM	Up to 2:30 P.M on 31/12/2024	At 3:30 PM on 31/12/2024

Tender forms and other details can be obtained from the IASST website. Bidder downloading Tender Document from the website shall deposit Rs. 2,000.00 (Rupees two thousand) only in form of Demand Draft in favour of Director, IASST, Paschim Boragaon, Ghy-35 along with the tender. Tender fees & EMD will be exempted as per Govt rule on submission supporting documents.

Details of tenders / terms & conditions can be downloaded from the website of the Institute www.iasst.gov.in

Registrar
Institute of Advanced Study
In Science & Technology,
Paschim Boragaon, Ghy-35.

A. PRE QULIFICATION CRITERA:

1.0.PRE-QUALIFICATION CRITERIA:

1.1.0. Technical Eligibility: The Bidder shall have satisfactorily completed similar works-

Experience of having successfully completed works in any Government Institute or Educational Organisation during the last 5 years ending previous day of last date of submission of tender.

Three similar completed works, each costing not less than the amount equal of 40.0% of estimated cost put to tender i.e ₹2.42 lakh.

or

One similar completed works of aggregate cost not less than the amount equal to 80% of estimated cost put to tender i.e ₹4.84 lakh

"Similar works" shall mean works of **Supply, Installation and Commissioning of Panic Button and Alarm Panel System or IT related works in any Government Institution or Organisation.**

1.2.0. Financial Eligibility:

a. Shall have average financial turnover of ₹3.02 lakh on construction works during the last three years ending 31st March 2023.

b. Should not have incurred any loss in more than two years during the last five years ending 31st March 2023.

c. Shall have a Turnover of minimum 50 Lakhs in the last three financial year.

1.3.0. Additional Mandatory Eligibility:

a. The device should be ERTL certified.
b. OEM should be ISO 9001, ISO 14001, ISO 27001 and CMMI 5 certified company.
c. Bidder must submit Bid specific authorization letter from the OEM.
d. OEM must have its own service centre within Guwahati. Must attached documentary evidence for the same.
e. OEM should have been established in India for at least 10 Years and its presence should be supported with valid documents.
f. OEM should have a manufacturing facility in India for minimum 5 years.
g. OEM must have 24/7 helpline for assistance.
h. Bidder should have ISO 9001, ISO 10002, ISO 20000-1, ISO 27001.
i. Bidder should not be blacklisted from any organisation. Must submit self-declaration letter along with the offer.

Bidder must submit the valid documents to support above conditions failing which the bid will be disqualified.

2.0.0. BID EVALUATION CRITERIA:

2.1. The Bidders qualifying the initial criteria as stated above may be further evaluated for the following criteria by scoring method on the basis of details furnished by them:

a.	Financial Strength (Form A & B)	Max 20 marks
b.	Experience in Similar works during last 7 years (Form C)	Max 20 marks
c.	Performance of works (Form D) Time over run	Max 20 marks
d.	Performance of works (Form D) Quality	Max 40 marks
		Total = 100 marks.

To become eligible for short listing the bidder must secure at least 50% marks in each and 60% marks in aggregate.

2.2. BIDS shall be submitted in two envelops:

Envelope – 1: -Technical Bid in CPWD Form 7/8 along with earnest Money deposit Tender shall be accompanied with earnest money of 12,105.00 **(Rupees Twelve Thousand One Hundred Five Only)** only as follows: -

50% of earnest money may be deposited in the shape of Demand Draft/ Call Deposit / Bankers cheque/FDR of a scheduled Bank issued in favour of Director, IASST, Paschim Boragaon, Ghy-35 and balance **50% of amount of earnest money can be accepted in the form of Bank Guarantee** issued by a scheduled Bank having validity for 6 months or more from the last date of receipt of tenders.

Envelope – 2: **Price bid** filling up the BOQ issued with Tender document. The rate quoted by the Contractor shall be firmed till completion of the project. No escalation of any account will be paid to the Contractor. As such the Clause 10C, 10CA, 10CC of CPWD 2014 General Condition of Contract on price escalation will not be applicable in this contract.

2.3. Bids opening: The technical bid opening will be done in the presence of contractors who wish to witness the bid opening. Price bid opening will also be done in presence of contractors who have qualified for price bid opening.

2.3.1. Agreement shall be drawn with the successful tenderer on prescribed form No. CPWD 8, which is available as Govt. of India Publication with latest amendments. Tenderer shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.

2.3.2. The time allowed for carrying out the work will be 3months from date of issue of letter of acceptance of tender or from the first day of handling over of the site, whichever is later, in accordance with the phasing if any, indicated in the tender documents.

2.3.3. Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be downloaded from the IASST website. Such bidders shall separately deposit Rs. 2000.00 along with Tender.

2.3.4. The contractor whose tender is accepted will be required to furnish performance guarantee of 5% of the tendered amount within the period specified in scheduled "F" in the form of guarantee bonds of any scheduled Bank or the State Bank of India in accordance with the prescribed form.

2.3.5. In case the contractor fails to deposit the said performance guarantee within the period as indicated in scheduled – F including the extended period if any, the earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

2.4.0. INFORMATION AND INSTRUCTIONS TO BIDDERS.

2.4.1. General:

The Institute of Advanced Study in Science and Technology, Paschim Boragaon, Guwahati-35, is a research and training organisation registered under the Societies Registration Act. The institute is funded by the Govt. of India for maintenance and research activities in specific areas of national and regional importance.

NAME OF WORK: Supply, Installation and Commissioning of Panic Button and Alarm Panel System for Academic Building and SAIC Building at IASST, PASCHIM BORAGAON, GUWAHATI-35.

IASST intends to qualify for execution works with technical supervisions and quality control of the jobs specify the works for the institutional complex of IASST in their own land at Paschim Boragaon, Guwahati – 35.

2.4.2. The objectives of this document is to pre-qualify the contractors for empanelment on evaluation based on feedback provided for the specialised job to be executed on item rate contract. The procurement and supply of materials, plant and machineries will also be a part of the job unless otherwise decided. The bidder shall have necessary testing facilities for quality control or in association with recognised agencies as per requirement of I.S. and other relevant codes. The fields testing facilities during execution of works must also be provided.

2.4.3. Broad Scope of works: The broad scope of works of the proposed project are as follows:

Supply, Installation and Commissioning of Panic Button and Alarm Panel System for Academic Building and SAIC Building at IASST, PASCHIM BORAGAON, GUWAHATI-35. The works are to be carried out as per the SOR items, standard and specifications.

2.4.4. Philosophy of Execution:

The work is proposed to be executed on competitive bids from the qualified bidders on bid documents of IASST. The contractor will have total responsibility of delivering the products with their expertise on planned execution of the works with mobilization of necessary manpower with plants and machinery required for the specific job to the least botheration and entire satisfaction of IASST**,** Guwahati-35.

2.4.5. Bidders are advised to inspect and examine the site and its surrounding and satisfy themselves before submitting their tenders so as to familiar themselves about the nature of the work and the site, the means of access to the site, and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender.

2.4.6. A bidder 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 bidders 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 bidders implies that he has read this notice, all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and local conditions and other factors having a bearing on the execution of the work.

2.4.7. The competent authority does not bind him to accept the lowest or any other tender and reserves to him the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

2.4.8. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contactors who resort to canvassing will be liable to rejection.

2.4.9. The competent authority reserve to himself the right of accepting the whole or any part of Tender and the Tenderer shall be bound to perform the same at rate quoted.

2.4.10. No Engineer of gazetted rank or other gazetted officer employed in engineering or administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government services, without the previous permission of the Government of India in writing. This 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 Government of India as aforesaid before submission of the tender or engagement in the contractor's service.7

2.4.11. The tender for the works shall remain open for acceptance for a period of 90 days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Institute, then the Institute shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.

2.4.12. If contractor fails to furnish the prescribed performance guarantee within prescribed period, the earnest money is absolutely forfeited automatically without any notice.

2.4.13. This notice inviting tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the accepting Authority, shall, within 15 days from the stipulated date of start of the work sign the contract consisting of

2.4.14. The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forms the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

2.4.15. Standard CPWD Form -7/8 with up-to-date amendments and correction slips.

2.4.16. The tender document comprises of following three components: -

Part A – CPWD-6, CPWD-7/8 including schedule A – F for major component of the work, standard general condition of contract for CPWD 2021 or latest addition as applicable with all amendments/ modification.

Part B – General / specific condition, specification and schedule of quantities applicable to major component of the work.

Part C – Schedule A-F for minor component of the work. General / specific condition, specification and schedule of quantities applicable to the minor component works.

2.4.17. The tenderer must associate with himself, agencies of the appropriate class eligible to the tender for each of the minor component individually.

2.4.18. The eligible tenderer shall quote rates for all items of major components as well as for all items of minor components of the work.

2.4.19. After acceptance of the tender by competent authority the letter of award will be issued by the IASST authority making it clear in letter of award that the contractor will have to execute agreement for different component of the work with the concerned authority of the respective discipline.

2.4.20. Entire work under the scope of composite tender including all major and minor component shall be executed under one agreement.

2.4.21. Security deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of the work. The earnest money will become part of the security deposit of major component of work.

2.4.22. **Additional condition for CPWD – 6:**

The tenderer shall abide by the rules and regulations under relevant state GST Acts / value added tax Act etc. as amended from time to time. Deductions for GST on works contract labour welfare cess as applicable shall be made from the gross value of the work done from all bills as per the provisions of above stated Acts. Nothing extra on account of this deduction shall be paid. In case this amount is not found payable to the State Govt. at a later date due to subsequent decision of the Court or Govt. the amount already deducted or the balance yet to be deducted if any from the remaining work yet to be paid/done, the amount shall not be refunded/ paid to the contractor and contractor will have no claim for the same. The contractor may therefore quote his rates accordingly.

SPECIAL CONDITIONS OF CONTRACT (A)

A.1 Before tendering, the tender shall inspect the site of work and shall fully acquaint himself the conditions with regard to site, its approach from main road, nature of soil, availability of materials, suitable location for construction of god owns, stores, labour huts and location of batching plant etc. the extent of leads and lifts involved in the work (over the entire duration of contract) including local conditions, traffic restrictions, obstructions and other conditions, and restriction by Authorities as required for satisfactory execution of the work. He should take into consideration all such factors and contingencies, while quoting his rates. No claim whatsoever shall be entertained by the Department on this account.

A.2. the Contractor(s) shall get himself acquainted with nature and extent of the work and satisfy himself about the availability of materials from kiln or approved quarries for collection and conveyance of materials is required for construction.

A.3 The Contractor(s) shall study the soil investigation report for the site, available in the Office of Engineer-in-charge and satisfy himself about complete characteristics of soil and other parameters at site. However, no claim on the alleged inadequacy or incorrectness of the soil data supplied by the Institute shall be entertained.

A.4 The Contractor(s) shall give to the municipality, police and other authorities all necessary notice etc. that may be required by law and obtain all requisite licences for temporary obstruction, enclosures etc. and pay all fees, taxes and charges which may be liveable on account of his operations in executing the contract. He shall make good any

damage to adjoining property, whether public or private and shall supply and maintain lights either for illumination or for cautioning the public required at night.

A.5 The rates for various items quoted by the tenderer shall apply for all the floors including terrace unless otherwise stated in the nomenclature of the items in the schedule of quantities attached with the tender.

A.6 No payment shall be made to the Contractor for any damage caused by rain, snowfall, fold or any other natural cause whatsoever during the execution of work. The damage to work shall be made good by the contractor at his own cost and not claim in the matter shall be entertained.

A.7 Royalty at the prevalent rates whoever payable, shall have to be paid by the contractor on the boulders, metal, shingles, sands and bajri etc. or any other materials collected by him for the work direct to the revenue authority of the District/ State Govt,. Concerned and nothing extra shall be paid by the Institute for the same.

A.8 Form work (centeringand shuttering) conforming to sound engineering practice, as approved by Engineer-in-charge, shall be used. However various requirements specified for timber form work in CPWD specification 2009 Vol.1 to 11 with up to date correction slips shall be followed in case of steel form works as well. Nothing extra shall be payable for using steel formwork for work.

A.9 The chemically treated timber, shutters where specified, shall be got treated by an approved firm as per approved process with a preservative belonging to Type-IV (water soluble fixed type) and the absorption and other details shall be as prescribed in I.S 401 (latest edition). The Contractor(s) shall produce necessary certificates from the firm to the effect that the lot of timber/shutters brought at site has been satisfactorily treated by them according to I.S code 401 (latest edition). Each piece of timber/shutters treated by the firm shall got stamped with proper hammer mark showing the name of the firm.

A.10 For purpose of para 9.3 of CPWD Specifications Vol. 1 the portion of timber frame in the plastered grooves/rebates wherever such grooves are provided and are in contract with mortar shall be treated adequately. Such grooves/rebates shall invariably be given a coat of approved wood primer before masonry is plastered.

A.11 The contractor must study the specifications and conditions carefully before tendering.

A.12 The contractor shall have to make approaches to the site, if so required and keep them in good condition for transpiration of labour and materials as well as inspection of works by the Engineer-In-Charge. Nothing extra shall be paid on this account.

A.13 The work shall be carried out in such manner so as not to interfere or effect or disturb other works, being executed by other agencies, if any.

A.14 Any damage done by the contractor to any existing work shall be made good by him at his own cost. Otherwise the same shall be got done at his risk and cost.

A.15 The work shall be carried out in the manner complying in all respects with the requirement of relevant bye-laws of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.

A.16 For completing the work in time, the contractor might be required to work in two or more shifts including night shifts and no claims whatsoever shall be entertained on this account, notwithstanding the fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulation and the agreement entered upon and or extra amount for any other reason.

A.17 The contractor shall make his own arrangements for obtaining electric connection(s), if required and make necessary payments directly to the department concerned. The department will however make all reasonable recommendations to the authority concerned in this regard.

A.18 The contractor or his authorised representative should always be available at the site of work to take instructions from department officers and ensure proper execution of work. No work should be done in the absence of such authorised representative.

A.19. The contractor shall maintain in good condition all work executed till the completion of entire work allotted to the contractor.

A.20 In case the proposed building is to be constructed in a plot where already some building is occupied, the contractor will take all safety measures for the safety of people using the building nothing extra shall be paid on this account.

A.21 The contractor shall take all necessary measures for the safety of traffic during construction and provide, erect and maintain such barricades, including signs, markings flags, lights and flagman as necessary, at either end of the excavation/embankment and at such intermediate points, as directed by the Engineer-in-charge for the proper

identification of instruction area. He shall be responsible for all damages and accidents caused due to negligence on his part.

A.22 The malba/garbage removed from the site shall be disposed of by the contractor at any suitable place as directed by the IASST authority.

A.23 All work and materials brought and left upon the ground by the contractor or by his orders for the purpose of forming part of the works, are to be considered to be the property of the President of India and the same are not to be removed or taken away by the contractor or any other person without the special license and consent in writing of the Engineer-in-Charge but the President of India is not to be in any way responsible for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or damaged by weather or otherwise.

A.24 The contractor will be responsible to provide potable and safe drinking water to labour engaged in execution of work.

A 25 The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour, materials, dewatering and other inputs involved in the execution of the items. Payment for centering/shuttering however, if required to be done for heights greater than 3.5 m shall be admissible at rates arrived at in accordance with clause 12 of the agreement if not already specified.

A.26 The contractor shall construct suitable Go down at the site of work for storing the materials safe against damage due to sun, rain dampness, fire, theft, etc.. He shall also employ necessary watch and ward establishment for the purpose and no extra claim whatsoever shall be entertained on this account.

A.27 All items involving prefabricated components of Aluminium, M.S Sectional Windows, pressed steel frames etc. shall be sample tested and approved by IASST authority before the bulk order is placed.

A 28 Contractor may be required to execute the work under foul position. The decision of the IASST authority whether the position is foul or not shall be final and binding on the contractor.

A.29 Transparent sheet glass conforming to IS: 1761-1960 shall be used for glazing, thickness being governed as per CPWD specifications unless otherwise specified in the item. The contractor has to quote rate for windows etc. Accordingly, and nothing extra shall be payable.

A 30 The P or S Trap in WCs shall be of deep water seal type and shall have a minimum water seal of 75mm. Floor traps shall have a minimum water seal of 50mm.

A 31 The contractor shall execute the different items simultaneously, as far as possible, so that minimum breakage and repairs are involved.

A 32 Other agencies will also simultaneously execute the works like Air conditioning, firefighting, horticulture or external services and other building works for the same project along with this work in particular. The contractor shall afford necessary facilities for the same. No. claim in the mater shall be entertained.

A 33. Some restrictions may be imposed by the security staff etc. on the working and/or movement of labourers, materials etc. The contractor shall be bound to follow all such restrictions, instructions and nothing extra shall be payable on this account.

A 34(a) The Contractor shall be responsible for the protection of sanitary, water supply, drainage fittings, other fittings and fixtures against pilferages and breakage during the period of installation and thereafter until the building is handed over.

A 34 (b) The work of water supply, internal sanitary installations and drainage work etc. shall be carried out as per local Municipal corporation or such local body bye-laws and the contractor shall produce necessary completion certificates wherever required, from such authorities after completion of work. The work is to be carried thought licensed plumber and sanctity installation agency.

c) Water tanks, taps pipe, fittings and accessories should conform to bye-laws and specifications of the Municipal Body/corporation. The contractor should engage licensed plumbers for the work and get the materials (fixture, fittings) tested by the Municipal body /corporation authorities, wherever required at his own cost and nothing extra will be payable.

A.35 The Contractor shall give performance test such as smoke test/pressure test of the entire installation (s) as per standard specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.

A.36 Nothing extra shall be paid for making holes in walls/RCC members etc. for fixing suspenders and frame works and making good to restore the original surface of the building.

A 37. Payment for work in different floors, Extra for items for RCC work, brick work, concrete work and stone masonry above diffract floor level shall be made at rates provided for these items for operation of these rates the floor level shall be considered as the top of main structural FCC slab in that floor viz. Top of RCC slab in main room and not the top of nay sunken or depress floor for lavatory slabs.

A 37 (i) Coarse aggregate/Stone ballast/chips:
Wherever Delhi quartzite stone ballast or chips are specified in the CPWD specifications, hard stone ballast or chips obtained locally from quarries approved by the IASST authority and conforming to paras 4.1.2.1 and 4.1.2.6 of CPWD specification Volume-1 shall be used .

(ii) fine aggregate/sand:
Wherever Badarpur sand or Jamuna sand has been specified in the CPWD specifications, coarse sand or fine sand obtained locally from sources approved by the Engineer-in-charge and conforming to paras 3.1.4 and 3.1.4.1 to 3.1.4.4 of CPWD specifications (Vol.1) shall be used. The maximum quantity of silt content shall not exceed 8 (eight) percent.

Medium sand shall be natural pit or river sand, clean sharp, strong and free from excessive deleterious matter such as iron pyrites, coal mica, slate or similar contaminated materials, clay alkali soft fragments and sea shells, organic impurities etc. It shall not contain more than 8 (eight) percent of silt as determined by field test with measuring cylinder. The method of determining silt content test shall be as per CPWD Specification and as amended/corrected up to date sand containing more than the above
allowable percentage of silt shall be washed so as to bring the silt content within the allowable limit.

Medium sand shall comprise 50% of coarse sand within the limits of grading Zone: III and 50% of fine sand within the limits of grading Zone: IV as given in Table, under para 3.1.4. of CPWD specifications Vol. II.

SPECIAL CONDITIONS (B)

B.30 All statutory deductions/ Constn. Workers Welfare Cess shall be deducted from all running/ final bills as applicable from the gross value of work done.

B.31. GST (Goods and Service Tax)

Goods and Service Tax (GST) maybe included by the Contractor in their quoted price. However, if the Bidder does not include the GST with their quoted price, the Bidder shall indicate the rate of GST as per the format and submit along with the price Bid.

Note:

1. IASST, if applicable, will reimburse the GST to the CONTRACTOR against submission of invoices issued in accordance with GST Rules,

2. Bidder shall furnish this Form duly filled in all respects along with his price part. However, Bidder is required to furnish the **Form indicating only the Rate of Duty /Tax (%)** as per Column (d) along with his un priced part.

3. The rate of GST indicated in this format shall be considered for statutory variation as per the provisions of bidding document.

4. GST quoted above shall be considered for evaluation as per provisions of Bidding Document.

5. Bidder shall indicate total GST amount payable under the contract in this format. However, if Services, to be provided by the Contractor, falls under the category defined under reverse charge rule of GST then the liability of deposition of GST to the tax authority by the Contractor, and by the Owner shall be dealt in accordance with Notifications issued on reverse charge rule of GST by Government of India from time to time.

6. Bidders not mentioning anything about GST along with the Price Bid, will be construed to have included GST along with their quoted price and will not be paid extra by IASST.

DETAILSOF GOODS ANDSERVICESTAX (To be submitted along with the Price Bid).

S.No.	Tax	Ceiling Amount	RateofGST	Amount ofGST
		onwhichthe GST is applicable	(%)	
(a)	(b)	(c)	(d)	(e)

1)	GST		_____%	

Sign and Seal of Bidder

C. GENERAL SPECIFICATIONS

C.1 Except for the items, for which particular specifications are given or where it is specifically mentioned otherwise in the description of the items in the schedule of Quantities, the work shall generally be carried out in accordance with CPWD specifications 2009 Vol-1 & II with up-to date correction slips shall be followed. (Herein after referred as CPWD Specifications) and instruction of the IASST authority, wherever CPWD specifications are silent the latest Indian Standard codes/specifications shall be followed.

E.1 LIST OF MATERIALS OF APPROVED MAKE

The materials of first / standard quality from the following approved makes are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for the approval of Engineer – In – Charge.

E. 5A. General Materials

SL.NO. T Y P E BRAND NAME

Electrical items:

RECOMMENDED BRANDS/ MAKES OF MATERIALS

ITEMS	MAKERS / BRAND
Switch fuse with HRC type fuse :	ABB / GEC ALSTHOM/ Control & Switch gear company (C&S)
Switch fuse with rewire able type fuse :	GEC ALSTHOM/ CROMPTON/ HAVELL'S/HPL-SOCOMEC/Control & Switch gear company. (C&S)
Residual current circuit breaker	LEGRAND / ABB / HAGER
MCB Distribution boards :	LEGRAND / HAVELL'S / HAGER / GEC ALSTHOM
Change over Switch	HPL- COCOMEC / C&S

M S Distribution boards	HAVELL'S / HAGER / C&S / LEGRAND
1.1 KV grade PVC insulated unarmoured/ armouredaluminium cables and wires	CI / NICCO / HAVELL'S / POLY CAB / RRKABEL / FINOLEX
MCCB	LEGRAND / HAGER / Control & Switch gear company (C&S) / ABB/L & T/SCHNEIDER
PVC insulated wire and cables upto1100 volt grade aluminium/ copper (only ISI marked quality)	ICC / HAVELL'S / POLYCAB / FINOLEX / RRKABEL
Power socket, industrial type	HAVELL'S / MK/LEGRAND / ABB / AAGER
Steel conduit:	
Black enameled (only ISI marked quality)	MAHCO/SENCO/ASHIS/KKI/ECW/SUPREME/ADARSH
Galvanised	MAHCO/SENCO/ASHIS/KKI/ECW/SUPREME/ADARSH
GI pipe	ITC/BST/JINDAL/NEZONE
16amp/6 amp switch plug socket and push switch (ISI marked ceiling rose) Holder/ Batten Holder/Angle Holder	MK / LEGRAND / HAVELL'S KAY / MMP/EPP / ANCHOR / SSK
Buzzer/ call bell	BAJAJ / ANCHOR/GETCO
Alarm bell	KHERAJ / GETCO
Bulk head light fitting	CROMPTON / BAJAJ/ PHILIPS / HAVELL'S
KWH metre	GEC / UNIVERSAL ELECTRIC / HPL

ITEMS	**MAKERS / BRAND**
Current Transformer	AE/KAPPA/ SIEMENS/ RISHLINE
Voltmeter and ammeter	AE/IMP/ HAVELL'S/ RIHLINE/L & T

Selector switch for Voltmeter/ ammeter	KAYCEE/SIEMENS/LT/SAIZER
Paint	SHALIMAR/ BURGER/ J& NICOLSON
PVC Pipe/ conduit	AVON PLAST/ AKG/DI-PLAST (ISI MARKED)/ UNIVERSAL/PLASTO-PLAST/PLAZZA AKG/PRECISION
Underground Cable	POLYCAB/FINOLEX/HAVELLS
Switches & Sockets	ANCHOR/CRABTREE/MK/LEGRAND
Fans	ORIENT/BAJAJ/POLAR
Air Conditioning	BLUE STAR/VOLTAS/GODREJ/HAGER
Light Fittings	PHILIPS/POLYCAB/HAVELLS/CROMPTON
PVC Casing Caping	PLASTO-PLAST/PLAZZA AGK/PRECISION

3.0.0. Document /Information to be furnished by the Bidder: (Envelope – I)

(a) Financial Analysis – details to be furnished duly supported by figures in balance sheet / profit & loss account for the last five years, duly certified by the Chartered accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached) as per FORM "A".

(b) Solvency certificate from bankers of the bidder in the prescribe as per FORM "B".

(c) Copies of work orders, performance and completion certificates etc. from the clients for similar works executed and completed in the last seven years,as per FORM 'C', FORM 'D', FORM 'E'.

(d) Copies of valid ITC and STCC/GST.

(e) Valid electrical contractor licence and supervision licence up to 11 KV.

(f) PF registration and copy of certificate thereof.

(g) Power of attorney in the name of person signing the application/ bid.

(h) Quality assurance plan along with list of recognised test houses proposed for various tests.

(i) Bidder may furnish any further information as considered necessary.

(j) Information furnished will be kept confidential.

(k) All pages of this bid document to be signed and returned with the bid

(l) Each document furnished along with the bid will be required to be signed by person / person holding power of attorney on behalf of the organisation.

(m)(a) Bids shall be submitted in sealed cover marked with **"Envelope-I" and "Envelope –II" and clearly mentioned the work name & name of the Bid.**

(b) IASST shall not be responsible for any delay, loss or non-receipt of bids. Delayed bids or bids received in late shall not be considered.

(c) FAX / Mail bids shall not be entertained.

(d) For any discussion / clarification required on the bids, respective bidder shall be intimated in due course after opening of the bids.

(v) The bidder must submit a copy of the recent passport size photo with the self-attested.

(a) The requisite quantum of work as shown will be substantiated by completion certificate from the competent project authority. In case of work is in progress, the certificate of proportionate progress in consistent to the schedule of completion will be furnished from the competent project authority.

(b) Contractors should have well experienced technical group of persons of appropriate qualification to manage the infrastructure project and ensure quality control of materials and construction activities.

(c) The bidder should have sufficient number of plants and machinery and construction equipment's in running conditions for exclusive use in this work.

(d) For testing the quality of materials and construction etc. contractors should have their own facilities / collaboration with repute test houses of Guwahati with IASST's approval, testing will be undertaken with these test houses as per standard codes of practice.

(e) The bidder should be well conversant with statutory labour and industrial laws of the country and its proper implementation to the maximum extent.

FORM 'A'

Financial Information:

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

YEARS

(i) Gross Annual turnover on construction works.

(ii) Profit /Loss

(iii) Financial arrangements for carrying out the proposed work.

(iv) Solvency Certificate from Bankers of the bidder in the prescribed FORM 'B'

Signature of Chartered Accountant with seal

Signature of Bidder(s)

FORM 'B'

FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED BANK

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

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

Signature
For the Bank

Note: 1. Bankers certificates should be on letter head of the Bank, sealed in cover addressed to tendering authority.

2. In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM 'C'

DETAILS OF ELIGBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DAY OF SUBMISSION OF TENDERS

1	2	3	4	5	6	7	8	9	10

1. Sl. No:
2. Name of work / project and location:
3. Owner or sponsoring organisation:
4. Cost of work in Lakh of rupees:
5. Date of commencement as per contract:
6. Stipulated date of completion:
7. Actual date of completion:
8. Litigation arbitration cases pending / in progress with details:
9. Name & address / telephone No. of officer to whom reference may be made:
10. Whether the work was done on back to back basis yes/No

Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of Bidder(s)

FORM 'D'

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS 'C'

1. Name of work / project & location
2. Agreement No.
3. Estimated cost.
4. Tendered cost
5. Date of start
6. Date of completion
   (i) Stipulated date of completion
   (ii) Actual date of completion

7. Amount of compensation levied for delayed completion, if any
   a) Whethercase of levy of compensation for delayhas been decided or not Yes/No
   b) If decided amount of compensation levied for delayed completion, if any
8. Amount of reduced rate items, if any
9. Performance Report
   (a) Quality of work very good/good/fair/poor
   (b) Financial soundness very good/good/fair/poor
   (c) Technical proficiency very good/good/fair/poor
   (d) Resourcefulness very good/good/fair/poor
   (e) General Behaviour very good/good/fair/poor

Dated: Executive Engineer or Equivalent

FORM 'E'

STRUCTURE & ORGANISATION

1. Name & address of the bidder
2. Telephone No / Fax No
3. Legal status of the bidder (attached copies of original document defining the legal status)
   (a) An individual
   (b) A proprietary firm
   (c) A firm in partnership
   (d) A limited company or Corporation
4. Particulars or registration with various government Bodies (attach attested photocopy)

Organisation /place or registration	**Registration No.**
1.	
2.	

5. Names and titles of Directors & Officers with designation to be concerned with this work.
6. Designation of individuals authorised to act for the organisation.
7. Was the bidder ever required to suspend construction for a period of more than six months continuously after he commenced the construction? If so, give the name of the project and reasons of suspension of work.
8. Has the bidder, or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment.
9. Has the bidder, or any constituent partner in case of partnership firm, ever been debarred / black listed for tendering in any organisation at any time? If so, give details.
10. Has the bidder, or any constituent partner in case of partnership firm, ever been convicted by the court of law? If so, give details.
11. In which field of Civil engineering construction the bidder has specialization and interest?

Form of performance security (Guarantee)

Bank Guarantee Bond

In consideration of the Director, Institute of Advance Study in Science and Technology (hereinafter called "The Institute") having offered to accept the terms and conditions of the proposed agreement between_____ and _____(hereinafter called "the said Contractor(s)' for the work_____(hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs.----------(Rupees _____only) as security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

We, _____(hereinafter referred to as "the Bank") hereby undertake
(Indicate the name of the Bank) To pay to the Institute an amount not exceeding Rs._____(Rupees_____ Only) on demand by the Institute.

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

2. We, the said bank further undertake to pay the Institute any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any count or tribunal relocating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

3. We, _ _____further agree that the guarantee herein contained shall
(Indicate the name of the bank)

Remain in full force and effect during the period that would be taken for the

Performance of the said agreement and that it shall continue to be enforceable will all the dues of the Institute under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till IASST authority on behalf of the government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We,_____ further agree with the Institute shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or

enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted top the said contactor(s) or for any forbearance act of commission on the part of the Institute or any indulgence by the Institute to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision, have effect of so relieving us.

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

7. We, _____lastly undertake not to revoke this guarantee except
(Indicate the name of the Bank)

With the previous consent of the Institute in writing.

8. This guarantee shall be valid upto_____unless extended on demand by the Institute. Notwithstanding anything mentioned above, out liability against this guarantee is restricted to Rs._____(Rupees. _____only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the_____ day of _____for _____(indicate the name of the Bank)

ANNEXURE - E

GUARANTEE TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER SUPPLY AND SANITARY INSTALLATIONS.
The agreement made this----------day of----------two thousand and---------- between ----------S/o ----------

(hereinafter called the GUARANTOR of the one part) and the Director, IASST (hereinafter called the Institute of the other part).

WHEREAS THIS agreement is supplementary to a contract (Herein after called the Contract) dated----------and made between the GUARANTOR OF THE ONEPART AND the Government of the other part, whereby the contractor interalia , under look to render the work in the said contract recited structurally stable, workmanship and use of sound materials.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said work will remain structurally stable and guarantee against faulty workmanship,Finishing manufacturing defects of materials and leakages etc.

NOW THE GUARANTOR hereby guarantee that work executed by him will remain structurally stable , after the expiry of maintenance period prescribed in the contract for the minimum life of two years, to be reckoned from the date after the expiry of maintenance period prescribed in the contract.
The decision of the Engineer-in-Charge with regard to nature and cause of defect shall be final.

During the period of guarantee the guarantor shall make good all defects to the satisfaction of the Engineer-in-charge calling upon him to rectify and defects failing which the work shall be got done by the Department by some other contractor at the guarantor's cost and risk. The decision of the Engineer-in charge as to the cost payable by the guarantor shall be final and binding.

That if the guarantor fails to make good all the defects, commits breach there under then the guarantor will indemnity the Principal and his successor against all loss, damage, cost expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and /or damage and/ or cost incurred by the Government the decision of the Engineer-in-charge will be final and binding on the parties.

IN WITNESS WHEREOF those presents have been executed by the obligator----------and----------
By for and on behalf of the Director, IASST on the day, month and year first above written.

Signed sealed and delivered by OBLIGATOR in presence of:
1---------- 2----------
SIGNED FOR AND ON BEHALF OF THE Director, IASST BY----------
In the presence of:

1---------- 2----------

ANNEXURE-II

GUARANTEES BOND TO BE EXECUTED BY CONTRACTOR FOR WATER PROOFING TREATMENT FOR BASEMENT/TERRACE/TOILETS.

This agreement made this ----------day of ----------Two thousand and ---------- between ----------son of ----------(hereinafter called the Guarantor of the one part) and the Director, IASST (hereinafter called the Institute on the other part)

Whereas this agreement is supplementary to a contract (hereinafter called the contract) dated----------and made between the Guarantor of the one part and the Government on the other part, where by the contractor interalia, undertook to render the structures in the said contract pesticide completely water and leak proof.

The Guarantor hereby guarantees that water proofing treatment given by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be ten years to be reckoned from the date after the maintenance period prescribed in the contract.

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects.

The decision of the Engineer-in-Charge with regards to cause of leakage shall be final.

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

That if GUARANTOR fail to execute the water proofing or comments breach there under then the Guarantor will indemnify the Principal and his successors against all loss, damages, cost, expenses or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and /or cost incurred by the Institute on the decision of the Engineer-In-Charge will be final and binding on the parties.

IN WITNESS WHEREOF those presents have been executed by the obligator----------and by----------
For and on behalf of the Director, IASST on the day, month and year first above written.

Signed sealed and delivered by OBLIGATOR in presence of:
1---------- 2----------
SIGNED FOR AND ON BEHALF OF THE DIRECTOR, IASST BY---------- in the presence of:
1---------- 2----------

Form of performance security (Guarantee)
Bank Guarantee Bond

In consideration of the Director, IASST (hereinafter called "IASST") having offered to accept the terms and conditions of the proposed agreement between_____ and _____(hereinafter called "the said Contractor(s)' for the work_____ _____(hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs.----------(Rupees _____only) as security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

We,_____(hereinafter referred to as "the Bank") hereby undertake (Indicate the name of the Bank) to pay to the IASST an amount not exceeding Rs._____(Rupees_____ Only) on demand by the IASST.

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

5. We, the said bank further undertake to pay the IASST any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any count or tribunal relocating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

Contd…. Page 2

6. We, _ _____further agree that the guarantee herein contained shall
(Indicate the name of the bank)

Remain in full force and effect during the period that would be taken for the Performance of the said agreement and that it shall continue to be enforceable will all the dues of the IASST under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till IASST authority on behalf of the government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

7. We, _____ further agree with the Government that the Government
(Indicate the name of the Bank)

Shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the IASST against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted top the said contactor(s) or for any forbearance act of commission on the part of the IASST or any indulgence by the IASST to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision, have effect of so relieving us.

8. This guarantee will not be discharged due to the charge in the constitution of bank or the Contractor(s).

Contd…. Page 3

9. We, _____lastly undertake not to revoke this guarantee except
(Indicate the name of the Bank)

With the previous consent of the Government in writing.

10. This guarantee shall be valid upto_____unless extended on demand by the IASST. Notwithstanding anything mentioned above, out liability against this guarantee is restricted to Rs._____(Rupees. _____only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the_____ day of _____for _____(indicate the name of the Bank)

PRICE BID

SOR FOR SUPPLY, INSTALLATION & COMMISSIONING OF PANIC BUTTON AND ALARM PANEL SYSTEM FOR ACADEMIC BUILDING AND SAIC BUILDING OF IASST					
S.No	**Item Description**	**Qty**	**Unit**	**Rate/Unit**	**Amount**
1	Hybrid Alarm Panel	2	Pc.		
2	Wired Keypad	2	Pc.		
3	Panic Switch	50	Pc.		
4	Hooter	12	Pc.		
5	Input Extender	12	Pc.		
6	Automatic Telephone DialerWith GSM Module	2	Pc.		
7	CAT6 Cable	3	Roll		
8	Workstation with Monitor	1	Unit		
9	1KVA Online UPS with Inbuilt Battery	2	Pc.		
10	4 core 1 sq mm multistand cable	15	Coil		
11	License for Alarm System	2	Nos.		
12	5x5 PVC Box	62	Pc.		
13	Installation, testing & commissioning charges for complete Alarm Panel System	1	Job		
14	Laying charges for 4core-1sqmm multi stand cable with PVC Casing Capping/Pipe	1500	Mtr		
15	Laying charges for cat6 cable with PVC Casing Capping/Pipe	300	Mtr.		
				Total	
				GST	**Included**
				Grand Total	
Rupees……..……Only (In words)					

Seal and Signature of Bidder(s)

========XXXXXXX=======