

REQUEST FOR PROPOSAL

Date of issue: _____ May 2020

**Selection of an agency to Establish and operate IT Innovation Hub in
Manipur**



By

Manipur State IT Society (MSITS)
(A Government of Manipur Undertaking)

TABLE OF CONTENTS

1.	DATA SHEET	3
2.	LETTER OF INVITATION	4
3.	INTRODUCTION.....	5
4.	ENVISAGED SCOPE OF ACTIVITIES	6
5.	PHYSICAL INFRASTRUCTURE AND SOFT SUPPORT SERVICES:	7
6.	TIME FRAME FOR PROJECT IMPLEMENTATION	13
7.	PAYMENT TERMS	14
8.	INSTRUCTIONS TO BIDDERS	14
9.	GENERAL TERMS AND CONDITIONS:.....	20
9.	AWARD OF WORK:	23
10.	STANDARD FORMS:	26

1. DATA SHEET

Sl no	Particulars	Description
1	Document Reference Number	
2	Date of Tender	D
3	Bid Inviting authority	Manipur State Information Technology Society (MSITS)
4	Tender Fee (Non-refundable)	Rs. 10,000/- (Rupees Ten Thousand)
5	Earnest Money Deposit (EMD)	Rs. 5,00,000/- (Rupees Five Lakh Only)
6	Last date and time for submission of pre-bid queries through mail at dit-mn@nic.in	D + 10 by 2:00 PM
7	Pre-Bid meeting through Skype	D + 11 (Time and Skype details to be intimated)
8	Last Date & Time for submission of Online Bid (Technical and Financial)	D + 30 by 1:00 PM at https://manipurtenders.gov.in
9	Opening of Technical Bid	D + 30 at 4:00 PM
10	Technical Presentation	To be intimated
11	Tender documents available and subsequent Clarification/Modification/ Corrigendum , if any	https://manipurtenders.gov.in
12	Selection method	Method of Selection QCBS
13	Validity	Minimum 180 days from the due date of submission of Bid as mentioned in this TENDER or the subsequent corrigendum (if any)

2. LETTER OF INVITATION

Imphal, April , 2020

Dear Sir/Madam,

1. Manipur State Information Technology Society, hereafter referred to as MSITS (the "Authority Representative") invites proposals from reputed bidders for **"Selection of an Agency to Establish, Manage and Operate IT Innovation Hub in Manipur"**.
2. The detail of services required to be rendered are explained in the Section 4. Envisaged Scope of Activities (Page-6).
3. A bidder will be selected under the Combined Quality Cum Cost Based System method (QCBS) with weightings of 70:30 (70% for technical proposal and 30% for financial proposal) and as per procedures described in this RFP.
4. The content of this RFP enlists the requirements of MSITS for all the potential bidders. It details out all that may be needed by the potential bidders to understand the essential requirements and evaluation criteria, and bidding process and explains the contractual terms that MSITS wishes to specify at this stage.

Further, it is worth to mention that all the information and data pertaining to this RFP are incorporated in the best satisfaction and knowledge of the Authority Representative under the Scope of Work.

In this regard, we are requesting you to submit your detailed Proposal in line with this RFP document.

Thanking you.

Sincerely yours

(Nambam Deben)
Member Secretary
Manipur State IT Society

3. INTRODUCTION

Manipur State Information Technology Society was established in June 28th, 2008 under Section 7(1) of the Manipur Societies Registration Act 1989 (Manipur Act I of 1990). It is under the administrative control of Department of Information Technology (DIT), Government of Manipur and is the State Designated Agency/Implementing Agency for all National e-Governance Plan (NeGP) Projects in the State of Manipur.

MSITS proposes to set up an IT Innovation Hub in Manipur for nurturing ideas and innovations (knowledge-based and information technology-driven) in Emerging Technologies into successful startups. The programme would work in line with the State's priorities and goals and its focus would be to build an innovation driven entrepreneurial ecosystem which would ultimately led to an overall development of the State's economy through revenue and job creation.

Objectives of IT Innovation Hub, Manipur:

- To develop a tinkering culture amongst students and professionals and induce innovation driven approach with industry collaboration, and learning from other experts and leaders in IT.
- To promote new technology/knowledge/innovation based IT startups in Emerging Technologies.
- To build a vibrant startup ecosystem in Manipur by establishing a strong network with IT Companies, aspiring local entrepreneurs, academic institutions and other start up related bodies.
- To provide cost effective, value added services to startups like mentoring, legal, regulatory, financial, technical, intellectual property related services.
- To provide a platform for speedy commercialization of technologies/ideas developed by the incubatees.
- To create jobs, wealth and business aligning with State's priorities.

Tenure of selected Agent/Innovation Hub Management:

To Establish, Manage and Operate the IT Innovation Hub, Manipur, MSITS will be selecting an Implementing Agency through e-bidding which will help to achieve the above mentioned objectives. Successful Bidder is required to start the operation in maximum 1 (one) month from the date of "Award of Contract". The tenure of IT Innovation Hub Implementing Agency will be 3 (three) years from the date of commencement. After 3 years, the Authority Representative will decide on further course of action including extension of tenure for Implementing Agency based on continual success against management Key Performance Indicators (KPIs).

4. ENVISAGED SCOPE OF ACTIVITIES

The Successful Bidder will appoint a professional management team (IT Innovation Hub, Manipur Management) to run the operations of the IT Innovation Hub in accordance with its proposal in the winning bid. The IT Innovation Hub management team will be responsible for activities including but not limited to:

- i. Run the affairs of the IT Innovation Hub, Manipur in the most prudent and professional manner (with due care and without negligence);
- ii. Orientation workshops to get students interested in new technologies and tinkering of new ideas;
- iii. Offer Inter-school and Inter College Business Plan Competition to attract young talents.
- iv. Offer Incubatees/Participants the necessary counseling for the meaningful implementation of their ideas;
- v. Maintain disciplined environment and attendance;
- vi. Arrange workshops on requirement basis including but not limited to the following areas to develop the Incubatees' entrepreneurship skills:
 - a. New idea generation and validation through market surveys;
 - b. Writing a business plan covering strategy, financials, marketing, and operations;
 - c. GTM (Go to Market) strategies;
 - d. Presentation skills (how to pitch a business plan to investors);
 - e. Developing prototype marketing and sales;
- vii. Arrange regular guest speaker sessions;
- viii. Establish the physical and virtual collaboration environment with other Innovation Hubs/Center of Excellence both within India and globally for the benefit of the Incubatees and their ideas;
- ix. Provide legal, administrative, and marketing consultation support;
- x. Provide opportunities to the Incubatees to participate in relevant exhibitions, conferences and events;
- xi. Provide access of venture capitalists/angel investors for enabling access to private equity funds to the Incubatees, wherever possible;
- xii. Explore investment opportunities, induction of seed money through potential venture capitalist and investors for projects completed and ready for commercialization;
- xiii. Create an online library including recording of all the workshops/guest speaker session conducted in IT Innovation Hub, Manipur;
- xiv. Create and manage a public website/web-portal for relevant stakeholders including but not limited to relevant material pertaining to different incubation activities.

5. PHYSICAL INFRASTRUCTURE AND SOFT SUPPORT SERVICES:

To set up IT Innovation Hub, Manipur; the selected Agency will be required to supply and commission the following items

1. Physical Infrastructure (Hard Support) :

A	INTERIOR WORKS
	Floor, Ceiling, Partitioning, Meeting room/whiteboard, Painting, Furniture for Plug & Play Workspace, Networking, Power Cabling, Air Conditioning, Fire Prevention/detection/fighting, access control
B	START-UP INNOVATION ZONE
	[Physical Arrangements to promote tinkering by students and professionals,]
	Workstations, Hardware, Software, Technical aids and journals
C	OFFICE EQUIPMENTS
	Desktop
	Laptop
	Desktop Printer
	AV Equipment (Set)
	Television
	Tables
	Chairs
	Steel Cupboards
D	OTHER ITEMS
	Web Portal Creation & Hosting
	Cabling Costs (Non-Incubation)
	UPS
	Miscellaneous Items

(I) B EQUIPMENT (Server & Application Software):

Proposed Master Labs: AI, IoT and Robotics Lab (with 3DP +BIM)

a)	Robotics Research Lab
b)	Internet of Things Research + 3DP Lab
c)	Artificial Intelligence/ Machine Learning Research + BIM Lab

Name of the Item	
a)	Robotics Research Lab Items
1	Logical QCam Orbit AF QCAM-200RX
2	Logitech 720p Webcam C905
3	Scanning Laser Range Finder (URG-04LX-UG01)
4	Scanning range finder URG-04LX

5	Scanning Laser Range Finder UTM-30LX
6	Imaging Device: 1/2" colors CMOS
7	Digital Camera
8	HD Video Camera
9	3M MPro150 Pocket Projector with accessories
10	Kinect for Xbox 360
11	NAO H25 Next Gen Robo
12	Arduino Car
13	3.3V power Supply Module
14	5V power supply Module
15	9V 1A DC Adapter
16	RGB LED
17	MQ- 3 Alcohol sensor
18	Temperature sensor
19	Raspberry Pi 3
20	Raspberry Pi 3 and MathWorks Learn to Program Pack Starter Kit
21	Distance sensor
22	PIR Motion sensor
23	Ultrasonic Range Finder -XL- Maxsonar EZ4 MB1240
24	MMA 7361 Angel sensor
25	Jumper Wire male to male
26	Jumper Wire male to female
27	Jumper Wire female to female
28	Digital Multimeter
29	Oscilloscope
30	Programmer pic kit 2
31	Servo Motor (90S)
32	Servo Motor (91R)
33	Camera Tripods
34	Sony AIBO ERS- 21
35	Desktop Computer
36	Multimedia Projector
37	UTP Cable
38	LAN Switch
39	RJ-45 Connector
40	Computer Table
41	Computer Chair

42	Split Type Air Conditioner
43	Network Rack
44	Laser Printer
45	Wireless router
46	USB Cable
47	DFRobot Serial Bluetooth Module
48	SD/ Micro SD Memory Card Kit-8GB SDHC
49	Light to Frequency Converter - TSL235R
50	Shift Register 8-Bit - 74HC595
51	USB-to-Serial Adapter Cable USB2S-01
52	4-Digit, 7-Segment Display (Green)
53	7-Segment Serial Display (Red)
54	OWI-535 Robotic Arm Edge
55	Lynxmotion Robot Hand - A (no servos) RH-01
56	Elenco Line Tracking Robot
57	SH-1 Soldering Iron Holder
58	Small Alligator Clip Jumper Set (10)
59	ST-12ETL Soldering Tool Kit
60	Laser sensor
61	Keypad
62	Microphone voice
63	IP Camera
64	Laptop
65	On line UPS (2000 VA, Backup 6 hrs)

Internet of Things Research Lab +3DP Items

1	Basys 3 Artix-7 FPGA Board
2	FPGABOARD(Nexys 3 Spartan-6 FPGA Trainer Board)
3	FPGA Board(Spartan-3E Starter Board)
4	Xilinx Virtex-7 FPGA VC707 Evaluation Kit
5	NI myRIO Student Edition
6	Accessories for FPGA Board(Analog Shield: High Performance Add-on Board for the Arduino Uno)
7	Accessories for FPGA Board (Multi Touch Display Shield: Smart Display)
8	Arduino Starter Kit(Open Garden Hydroponics)
9	Raspberry Pi 3 Model B Complete Set
10	Arduino UNO Rev.3

11	Arduino Starter Kit(Radiation Geiger Kit)
12	Arduino Starter Kit(Radiation Geiger Kit)
13	Arduino Starter Kit (Smart Cards Kit (NFC/RFID 13.56 MHz))
14	Arduino Starter Kit(ZigBee Connectivity Kit)
15	Arduino Starter Kit (Wifi Connectivity Kit)
16	Arduino Starter Kit (3G Mobile Kit)
17	Arduino Starter Kit (Long Range 868MHz Connectivity Kit)
18	Arduino Starter Kit (LoRa WAN Extreme Range Connectivity Kit)
19	Lora WAN IoT Starter Kit
20	Watermark Soil Moisture Sensor (8m)
21	Watermark Soil Moisture Sensor (4.5m)
22	Watermark Soil Moisture Sensor (1.5m)
23	Solar Radiation Sensor
24	Weather Station WS-3000
25	Air Pressure Sensor
26	Digital Humidity Sensor
27	Electro-valve for Open Garden
28	Sprinkler for open garden
29	NO2 Gas Sensor
30	Air pollutants(CH ₄ ,CO,CH-CH ₃ ,H ₂ ,CH ₃ -CH ₂ -OH) Gas Sensor
31	NH ₃ Gas Sensor
32	LPG Gas Sensor
33	CO ₂ Gas Sensor
34	O ₂ Gas Sensor
35	Force and Pressure Sensor
36	Vibration Film sensor for thread
37	Vibration film sensor
38	Hall -effect sensor effect sensor
39	Water flow sensor
40	Luminosity Sensor
41	GPS Wasmote Module
42	N Channel JFET 2N5457
43	Analog Multiplier AD633
44	P channel JFET TO-92
45	1x Hall effect sensor(US 1881)

46	BT169 SCR
47	P Channel Low power MOSFET Transistors ZVP3306A
48	N Channel Low power MOSFET Transistors ZN 7000
49	CNC WEGSTR PCB Design Tools
50	Ultra Violet 21 (or more) LED Flashlight
51	Instek GDS-3154 Digital Storage Oscilloscope
52	Instek GPE-3323 High Resolution Power Supply
53	Instek GSP-9300B, GSP-9300BTG Spectrum Analyzers
54	Instek AFG-2005 Arbitrary Function Generator
55	GDM-461-Compact Handled Digital multimeter
56	LCR-916-LCR Meter, Hand Held
57	Raspberry Pi Camera Module V2
58	Soldering Kit
59	Digital Communications Bundle
60	NI USRP-2921, 2.4 AND 5GHz Software Radio kit with lab view
61	DD-WRT capable routers
62	AdL 10.1 inch Raspberry pi display 1024*600 with keyboard
63	Roku 3
64	iPad Pro
65	Samsung SmartThings F-MN-KIT-US-2 Home Monitoring
66	LoRaWAN Rapid Development Kit
67	GrovePi+ Base Kit
68	forTable for Table for students
69	Chair for students
70	Office Almirah
71	Multipurpose shelf
72	Office table
73	Swivel chair

Artificial Intelligence/Machine Learning Research + BIM Lab Items

1	Motherboard, MSI X99A-SLI-PLUS, Intel Motherboard
2	Processor, Intel® Xeon® Processor E-5-1650 V4
3 (a)	RAM, Corsair LPX 32GB
3 (b)	Corsair Vengeance LPX 64GB, DDR4
4(a)	SSD, Samsun 850 EVO 500GB, SATA III Internal SSD(MZ-75E500B/AM)

4(b)	Samsung 850 EVO 500GB, SATA III Internal SSD(MZ-75E500B/AM)
5	HDD Seagate 2TB BarraCuda SATA 6Gb/s64MB Cache 3.5-inch Internal HardDrive(ST2000DM006)
6	Graphics card EVGA GeForce GTX 1080 TiFTW3GAMING, 11GB GDDR5X,iCXTechnology
7	PSU corsair cx series 650 watt 80 plus bronze
8	Monitor, Asus VG245H
9	Casing, Corsair Obsidian Series 750D Airflow Edition, Full Tower ATX Case
10	Keyboard, Optical
11	Mouse, Optical
12	UPS, Powerful UPS
13	Server PC, Dell power edge T630Tower Server
14	iMac 27 with Retinas 5K display
15	Air Conditioner (2 Ton)
16	HP ENVY -17-ae 151nr Laptop

2. Support Services:

Selected Agency will also be required to provide of following Support Services:

	Support Services
1	Awareness Creation such as Hackathons
2	Mentoring Services
3	Financial Support - Seed Capital Funding
4	Marketing Support (Exhibitions / Conferences; and Domestic IPR Protection)
5	Support for Innovation Zone Activities by Youth & Students
6	Start up Training and Development

The following facilities/ Infrastructure will be provided by MSITS

1. Unfurnished office space for setting up the Innovation Hub. The location will be in Imphal, Manipur
2. Power connection up to the premises
3. Internet connection

6. TIME FRAME FOR PROJECT IMPLEMENTATION

Activity	Time Period [From Zero Date in Weeks]											
	1	2	3	4	5	6	7	8	9	10	11	12
Hand-over of Space for Project												
Selection of Agency for Interior Works												
Interior Works incl. Furniture												
Order & Receipt of Electronic & Communications Items												
Setting up the Equipment												
Commissioning of Equipment including User Acceptance Testing												
Handover of Site												
Trial Operations												
Invitation of Bids from Entrepreneurs for Start-up units												
Commencement of Operations by Units												

The 'Zero date' is the date of receipt of project approval from the Department of IT, Government of Manipur

7. PAYMENT TERMS

Payment will be due as per the following schedule :

- a. Hard Support : Amount payable on submission of invoice after successful delivery, commissioning and acceptance of facility and physical infrastructure including hardware, software and other items listed under Hard Support subject to inspection and verification by a committee set up by MSITS for this purpose.
- b. Soft Support : Amount payable on yearly basis on submission of invoice supported by proof / evidence of completion of Soft Support activities.
- c. Operational Support : Amount payable on six monthly basis on submission of invoice along with supporting document.

8. INSTRUCTIONS TO BIDDERS

Tender Fee and Earnest Money Deposit (EMD)

- a. Tender Fee of Rs.10,000/- and Earnest Money Deposit of Rs 5,00,000.- in the form of a Banker's Cheque or Demand Draft drawn on any Commercial Bank in favour of Member Secretary, Manipur State Information Technology Society. The same should reach the Office of the Manipur State IT Society (MSITS) at 4th Floor, Western Block, New Secretariat, Imphal-795001, on or before the due date and time for submission of bids failing which offer will be liable for rejection.
- b. Bids submitted without Tender Fee and EMD will stand rejected. EMD will not be accepted in the form of cash /cheque. No interest is payable on EMD.
- c. The EMD of unsuccessful bidder(s) will be returned within one month from the date of the placing of the final order on the selected bidder.
- d. The EMD for successful bidder shall be refunded without any interest after submission of Performance Guarantee as mentioned later in this document.
- e. However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the bidder.

Conflict of Interest

- The Selected Agency should provide professional, objective and impartial service and hold MSITS / Government of Manipur interest paramount.
- The selected agency shall not downstream or outsource any part of the scope of work.
- Non-disclosure of such an association will lead to termination of Agency.

Validity of Bid

The following will be considered for the validity of the Bids deemed submitted:

- Bids shall remain valid for a period of 180 days from the date of submission of Bid.
- Issuer of the bid reserves the right to reject a Bid valid for a shorter period as non- responsive.
- In exceptional circumstances, the issuer of the bid may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing.

Right to Accept or Reject any Bid

Issuer of the bid as per instruction of the Manipur State Information Technology Society, MSITS reserves the right to annul this process, or to accept or reject any or all the Bids in whole or part at any time without assigning any reasons and without incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for such decision.

Fraud & Corruption

It is required that the Bidders submitting Bid and Agency selected through this RFP document must observe the highest standards of ethics during the process of selection and during the performance and execution of the Work Order. For this purpose, definitions of the terms are set forth as follows:

- **"Corrupt Practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of MSITS or its personnel or its representatives in Work Order executions.
- **"Fraudulent Practice"** means a misrepresentation of facts, descriptions submitted as part of your Bid in order to influence this selection process or the execution of a Work Order, and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificially high or non-competitive levels and to deprive Government of Manipur benefits of free and open competition.
- **"Unfair Trade Practice"** means supply of services different from what is ordered on, or change in the Scope of Work.
- **"Coercive Practice"** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or execution of Work Order.

- Issuer of the bid will reject a Bid for award, if it finds that the Bidder recommended for award, has been determined to having been engaged in corrupt, fraudulent or unfair trade practices.
- Issuer of the bid also as per instruction of the MSITS will declare an Agency ineligible, either indefinitely or for a stated period of time, for awarding the Work Order, if it at any point in time, determines that the Firm/Agency has engaged in corrupt, fraudulent and unfair trade practice in competing for, or in executing the Work Order.

Clarifications & Amendments

- Issuer of the bid as per instruction of the MSITS may for any reason, modify this RFP document from time to time.
- The amendment(s) to this RFP would be clearly spelt out and the Bidders may be asked to amend their Bid due to such amendments before submission date and time.
- Clarification may be sought during the pre-bid meeting as per data sheet.
- Clarifications and corrigendum issued will form a part of the final agreement.

Preparation of Bid:

The Bidder must comply with the following instructions during preparation of Bids:

- The Bidder is expected to carefully examine all the instructions, guidelines, terms and conditions and formats of the Scope of Work of this RFP document. Failure to furnish all the necessary information as required by the Scope of Work or submission of a Bid not substantially responsive to all the requirements as mentioned in the Scope of Work shall be at Bidder's own risk and may be liable for rejection.
- The Bid and all associated correspondence shall be written in English, and shall conform to prescribed formats. Any interlineations, erasures or overwriting shall be valid only if they are signed by the authorized person signing the Bid.
- The Bid shall be in indelible ink and shall be signed by the authorized signatory of the Bidder. The Authorized person(s) means one who binds the Bidder to the Work Order. The letter of authorization shall be indicated by written power of attorney/resolution of board and shall accompany the Bid.
- Detailed Bids complete in all respect and in the forms & submitted in the stipulated manner shall be treated as valid.
- No Bidder is allowed to modify, substitute, or withdraw the Bid after its submission.

Submission of Bid

The bidder is responsible for registration on the e-procurement portal (www.manipurtenders.gov.in) at their own cost. The bidders are advised to go through the e-procurement guidelines and instructions, as provided on the e-procurement website, and in case of any difficulty related to e-procurement process, may contact the helpline number mentioned there.

The bidder shall submit the bid online as described below:

- a) The Technical and Financial bid should be submitted only through the e- procurement Portal.
- b) Technical Proposal - Scanned copy in PDF file format, signed on each page, with file name clearly mentioning: "Eligibility Criteria / Technical Proposal for Tender No <>". The proposal should be as per the format provided in Annexure of this document.
- c) Financial Proposal – Financial proposals would be filled on e-procurement portal.
- d) Conditional proposals shall not be accepted on any ground and shall be rejected straightway. If any clarification is required, the same should be obtained before submission of the bids.
- e) Bidders are advised to upload the proposals well before time to avoid last minute issues.

- f) The bid has to be submitted only online through www.manipurtenders.gov.in website. No physical submission of bids would be acceptable.

Bid Evaluation

- a) Technical bid along with Eligibility Criteria will be evaluated first.
- b) Financial bids of only those Bidders who have been qualified in the Technical bid along with Eligibility Criteria will be opened in the presence of their representatives, who may choose to attend the session on the specified date, time and address.

Interpretation of the clauses in the Tender Document / Contract Document - In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, interpretation of clauses by Member Secretary, MSITS, shall be final and binding on all parties. Bidders shall submit their Original Tender Fee & EMD at the office address on or before the last date and time for receipt of Bids mentioned in Data Sheet.

Bidders Eligibility

Sl no	Pre Qualification Criteria	Proof of Document Required
1)	The bidder (Agency) must be either a limited liability partnership, company or JV/Consortium registered under the Indian Companies Act 1956/ 2013.	Formal documentary proof / self-declaration, as appropriate
2)	The bidder or one of its partners in case of a JV/Consortium should have been in operation for at least three years as on date of publishing of bid (Incorporation/ Registration Certificate required).	-do-
3)	The Agency should have a minimum average annual turnover of Rs. 3 crore over the last three (3) financial years Supporting the fact the bidder should furnish Auditors' Certificate for last three years ending March 2020.	-do-
4)	The agency should have experience in related training & development, mentorship, entrepreneurship development Programs for Schools and Colleges.	-do-
5)	The Agency should have worked on setting up of Tinkering Labs/IT Projects.	-do-
6)	The Agency should not currently have been blacklisted by any Government Agency or under a declaration of ineligibility for fraudulent or corrupt practices or inefficient/ineffective performance	-do-

Evaluation of Bids

The Bids will be opened as per the schedule mentioned in the Data Sheet. Authorized representatives of the Bidders may choose to attend the Bid Opening process. The Government of Manipur will constitute Evaluation Committee to evaluate the Bids submitted by Bidders for a detailed scrutiny.

The agencies shall be asked to present the following aspect in front of the bid evaluation committee of Govt. of Manipur.

The scoring will be done as per section: "Award of work"

9. GENERAL TERMS AND CONDITIONS:

NOTE: Bidders should read these conditions carefully and comply strictly while submitting the Bids

1. Rate shall be written both in words and figures. There should not be errors and/or over- writings and corrections, if any, should be made clearly and signed with dates. The rates should mention elements of the service charges or any other charges separately.
2. Selected agencies are required to provide the resources within a period of 15 days from the date of award of work order.
3. Rates quoted will be valid for the entire duration of engagement.
4. If a Bidder imposes conditions, which is in addition to or in conflict with the conditions mentioned herein, his Bid is liable to summary rejection. In any case none of such conditions will be deemed to have been accepted unless specifically mentioned in the letter of acceptance of Bid issued by the Government of Manipur.
5. Issuer of the Bid reserves the right to accept or reject one or all bids without assigning any reasons and accept bid for all or anyone.
6. The Agency is responsible to provide the alternate resource, in case of deployed resources unsatisfactory performance without any additional cost and with mutual turnaround timeline.
7. The Agency must maintain uniformity while uploading of content on the platforms. Any content which is replaced, renewed or removed from any platform shall be simultaneously modified on the other platforms instantly.
8. The Agency shall promptly remove any content of the aforementioned malicious nature uploaded by any of its employees / incubatees / participants, and inform State Nodal Officer of the same to provide MSITS with the opportunity to prosecute such an individual or group. The Agency's Work Order shall be immediately terminated, if MSITS finds it responsible for uploading any defamatory, seditious, gender prejudiced or obscene content.
9. Termination: The Work Order can be terminated at any time by MSITS, if the services are not up to his satisfaction after giving an opportunity to the selected Agency of being heard and recording of the reasons for repudiation.
10. If the Agency requires an extension of time in completion of the work order period on account of occurrence of any hindrance, he shall apply in writing to the authority, which has placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated time. The case will be examined and permission in writing will be necessary for the Bidder.
11. Service Delivery period may be extended with or without liquidated damages if the delay in the services is on account of hindrances beyond the control of the Bidder.
12. If any dispute arises out of the Work Order with regard to the interpretation, meaning and breach of the terms of the Work Order, the matter shall be referred to by the Parties and they will try to resolve the issue mutually.

13. All legal proceedings, if necessity arises to institute, by any of the parties needs to be lodged in courts situated in Imphal, Manipur only.
14. If, after the date of Contract signing, there is any change in the applicable law with respect to taxes and duties which increases or decreases the cost incurred by the Agency in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Agency under the Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the Contract price.
15. Performance Guarantee:
- ✓ The successful Bidder has to furnish a security deposit so as to guarantee his/her (Bidder) performance of the contract.
 - ✓ The Successful bidder has to submit Performance Bank Guarantee or Performance Security Deposit @ 10% of total order value within 15 days from the date of issue of work order for the project duration of any Nationalized Bank including the Public Sector Bank or Private Sector Bank authorized by RBI or Commercial Bank (operating in India having branch at Imphal) as per Annexure.
 - ✓ The Performance Security shall be payable to MSITS as compensation for any loss resulting from the Vendor's failure to complete its obligations under the Contract.
 - ✓ Performance Security will be discharged by MSITS and returned to the Bidder on completion of the bidder's performance obligations under the contract.
 - ✓ No interest shall be payable on the PBG amount. MSITS may invoke the above bank guarantee for any kind of recoveries, in case; the recoveries from the bidder exceed the amount payable to the bidder.
16. Arbitration:
- i. In the event of dispute and difference arising between MSITS and Agency, the same shall be discussed in the first instance between the representative of the Agency and MSITS.
 - ii. If the dispute is not settled amicably, the matter shall be addressed by the aggrieved party to the authorised signatory of the other party within 21 days of arising of such claim. If the issue is not resolved within 30 days of receipt of the claim by the respondent party, the aggrieved party shall refer the claim for arbitration to the Executive Chairman, MSITS within 10 days after the passage of this time. The Executive Chairman, MSITS would appoint the sole Arbitrator / a panel of Arbitrators for the dispute whose decision shall be final and binding on both the parties. Arbitration proceedings will be assumed to have commenced from the day a written and valid demand for arbitration is received by the Executive Chairman, MSITS. The place of arbitration will be Imphal. Wherever applicable, the provisions of the Arbitration and Conciliation Act, 1996 shall apply.
17. Force Majeure:

If the performance of any obligation of any of the parties is prevented or restricted or interfered with by reason of fire, explosion, strike, casualty, riots, sabotage, accident, lack or failure of transportation facilities, flood, war, civil commotion, terror attack, lightning, epidemic, acts of God, any law, order or decree of any government or subdivision thereof or any other cause similar to those above enumerated, beyond the reasonable control of the party, the party so affected shall, upon the giving of prompt notice to the other parties, be excused from performance hereunder to the extent and for the duration of such prevention, restriction or interference.

18. Governing Law:

This Agreement and the obligations of the parties hereto shall be interpreted, construed and enforced in accordance with the internal laws of India, without giving effect to the conflict of laws / principles thereof. Any legal dispute arising out of this contract will be settled at Imphal only.

19. Indemnity:

The Bidder shall keep the Customer fully indemnified against all actions, claims, proceedings, costs, damages and all legal costs or other expenses and losses incurred or suffered by the Customer arising directly or indirectly out of or in relation to:

- (a) any breach of any terms of this Agreement (including but not limited to any claim or action by a third party alleging infringement of any intellectual property rights of such third party); or
- (b) any claim by third party (including without limitation claims by any employee or agent of the Service Provider or the general public) for any damage, injury, loss or accident sustained in relation to the Service Provider's performance of the Contract, provided such damage, injury, loss or accident is not caused by the gross negligence or willful default of the Service Provider.

9. AWARD OF WORK:

- Work shall be awarded to the agencies for based on the technical & financial score cumulatively. The selection would be **Quality - and Cost-Based Selection (QCBS)**.
- The scoring would be on 70% & 30% for technical & financial respectively.
- Bidders failing to score at least **60% in individual sections of Technical evaluation** as mentioned in Technical Evaluation Framework (ref table below) will be disqualified.
- Each Technical Bid will be assigned a technical score out of maximum 100 marks. Only the bidders who get a **normalized technical score of 50% or more** will qualify for commercial evaluation stage. Failing to secure minimum marks shall lead to technical rejection of the bid and bidder.
- Technical scoring will be done as below:

Sl no	Description	Maximum Score	Qualifying Score
1.	Turnover: Last 03 financial years (2016-17/2017-18/2018-19) a) 4 Crores or less = 10 Marks b) More than 4 crores & upto 5 crores = 20 Marks c) Above 5 crores = 30 Marks	30	18
2.	Relevant experience in Training & development, mentorship, Innovation/Tinkering Labs, entrepreneurship development Programs for Schools and Colleges. Less than 5 clients: 0 Marks 5 to 10 Client : 10 Marks 11 to 15 Clients : 20 Marks More than 15 : 30 Marks	30	18
3.	In House Facility capabilities: The Agency has the in house capabilities in Manpower on role (overall) a) 20 or less = 0 Mark b) More than 20 but less than 30 = 10 Marks c) 30 to 50 = 15 Marks d) Above 50 = 20 Marks	20	12
4.	Presentation: a. Understanding of Project and overall ecosystem : 5 Marks b. Proposed roadmap for Innovation hub Manipur: 5 Marks c. Ability to create local & inter State collaborations with relevant entities and nurture Innovative ideas 5 Marks d. Q&A Clarity and confidence : 5 Marks	20	12

Bid evaluation will be done as below :

Stage 1: Technical Bids Evaluation

Example (Table A)

Bidder Details	Technical Marks Obtained (Out of 100)
Bidder 1	85
Bidder 2	75
Bidder 3	80

Stage 2: Normalization of marks

Normalized Score = (Technical marks obtained by the Bidder under consideration/Highest Technical Marks obtained among the bidders)* 100

Example (Table B) :

Bidder Details	Technical Marks Obtained (Out of 100)
Bidder 1	$(85/85)*100= 100$
Bidder 2	$(75/85)* 100= 88$
Bidder 3	$(80/85)*100=94$

Based on the results of Technical evaluation, commercial bids for those bidders will then be opened who qualify (i.e., achieve normalized score of 50% or more) in the Technical evaluation.

Stage 3: Financial Bids Evaluation

The financial bid amount shall be converted into financial score, while considering the commercial quote given by each of the bidders in the financial bid as follows:

Commercial score of a Bidder = (Lowest Financial Bid/Quote of the bidder under consideration)* 100

Example (Table C):

Bidder Details	Commercial Quote	Calculation	Commercial Score
Bidder 1	1,30,000	$(1,00,000/1,30,000)*100$	77
Bidder 2	1,20,000	$(1,00,000/1,20,000)*100$	83
Bidder 3	1,10,000	$(1,00,000/1,00,000)*100$	100

Stage 4 : Final Score Calculation through QCBS:

The final score will be calculated through Quality and Cost Based Selection method based on the following weightage:

Technical: 70%

Commercial: 30%

Combined Technical and Financial Score = $(0.7*Technical\ Score) + (0.3*Commercial\ Score)$

Example: (Table D)

Bidder Details	Technical Score	Financial Score	Final Score (80:20) iii=(i)+(ii)	Rank of the Bidder
Bidder 1	70	23.1	93.10	H2
Bidder 2	61.6	24.9	86.50	H3
Bidder 3	65.8	30	95.80	H1

In the above example, **Bidder 3 with rank H1** shall be declared as the successful bidder.

10. STANDARD FORMS:

STANDARD FORMS (TECH)

1A. TECHNICAL PROPOSAL SUBMISSION FORM

1B. BIDDER(S) DETAILS

(I) BIDDER(S) ORGANIZATION DETAILS

(II) BIDDER(S) FINANCIAL DETAILS

1C. BIDDER(S)'S EXPERIENCE

1D TEAM COMPOSITION FOR THE TASK ASSIGNMENT/JOBS

FORM TECH 1A. TECHNICAL PROPOSAL SUBMISSION FORM

[Location

Date]

To:

Member Secretary
Manipur State Information Technology Society
4th floor, Western Block, New Secretariat,
Manipur-795001
Email address: dit-mn@nic.in

Sir,

We, the undersigned, offer to provide the services for establishing and operating of **IT Innovation Hub, Manipur** in accordance with your Request for Proposal dated [ADVERTISEMENT DATE]. We are hereby submitting our Proposal, which includes this Technical Proposal and Financial Proposal. Our Proposal is binding upon us and subject to the modifications resulting from contract negotiations.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:

FORM TECH 1B (I): BIDDER (FIRM,JV OR CONSORTIUM) DETAILS

[Provide here a brief description of the background and organization of your Agency/Consortium Partners and each associate for this assignment. The brief description should include ownership details, date and place of incorporation/ registration of the agency, objectives of the agency etc.

1	Agency Information	Details
1.1	Agency Name	
1.2	Details Address Phone number Email Fax Website	
1.3	Contact Person: Name Designation Mobile Number Email Fax	

FORM TECH 1(B) (II) - BIDDER'S ORGANIZATION FINANCIALS

Years	2016-17	2017-18	2018-19	Average
Turnover (INR)				

Attach Incorporation/ Registration Certificate, Audited Account Sheets/ P&L Sheets.

FORM TECH 1 (C): BIDDER(S)' EXPERIENCE

Using the format below, provide information on each assignment/job for which your agency, had legally contracted either individually as a corporate entity or as one of the major partners within an association, for carrying out assignment/job similar to the ones requested under this assignment/job (exact assignment/job details may be submitted).

Name Of Client	Name of the Assignment/Project	Value of Assignment/Project	Period of Assignment/Project	Present Status of Assignment/Project

FORM TECH 1(D): TEAM COMPOSITION FOR THE TASK ASSIGNMENT/JOB

Bidder(s) should list the main key members and their area of expertise for the development of the proposed Assignment/job

Name	Area of Expertise	Tasks Assigned	Education / Degree (Institution)	No. of years of experience	Signature of Signatory

STANDARD FORMS (FIN)

FORM FIN 1: Financial Bid Format

(Refer Attached Excel sheet)

Financial bid to be submitted by filling the details in the attached excel sheet

Sl. No.	Item of Project Cost	Amount (Rs. in lakh)	Remarks
1	Physical Infrastructure (Hard Support)	0.0	Details at SL No.1
2	Support Services (Soft Support) for first three (3) years	0.0	Details at SL No.2
3	Operational Costs - for first three (3) years	0.0	Details at SL No.3
4	Sub-Total	0.0	
5	GST	0.0	"@ 18% on (4)"
	TOTAL	0	

Instruction for Bidders: The Yellow Shaded Cells in Sheets "SL No 1", "SL No 2", "SL No 3" needs to be filled

Instruction for Bidders: Only the Yellow Shaded Cells needs to be entered

Sl. No.	Item of Project Cost	Rate	Amount (Rs. in lakh)
(I)	INCUBATION SPACE FOR START-UPS		
A	INTERIOR WORKS		
	Floor, Ceiling, Partitioning, Painting, Furniture for Plug & Play Workspace, Networking, Power Cabling, Air Conditioning, Fire Fighting		
	No of Estimated Seats in First Year	50	0
	Estimated sq ft per Seat	50	
	Cost Per Sq ft		
	Cost per seat (Rs in Lakh)	0	
B	EQUIPMENT		
	Software (Server & Application Software)		0.0
(II)	OTHER ITEMS		
	Test & Measurement Lab Items @ Rs		
	Other Items ... Rs.		0
	Furnishing of Meeting Room ... Rs		
	Office Equipment ... Rs		
IV	START-UP INNOVATION ZONE		
	[Physical Arrangements to promote tinkering by students and professionals.]	@ Rs	
	Workstations, Hardware, Software, Technical aids and journals		
	TOTAL (A) PHYSICAL INFRASTRUCTURE		0.0

Name of Master Lab	FreeFlow - Labs @ Manipur	
Proposed Lab	AI, IoT and Robotics Lab (with 3DP +BIM)	

		Summary of Bill of Quantities (In USD)	(in INR Lakhs)
a)	Robotics Research Lab	0	0.0
b)	Internet of Things Research + 3DP Lab	0	0.0
c)	Artificial Intelligence Research + BIM Lab	0	0.0
Grand Total		0	0.0

Details of Bill of Quantities					
	Name of the Item	Unit Rate(INR))	Qty.	Total Amount(INR)/ unit	Amount in (US\$)
a)	Robotics Research Lab				
1	Logical QCam Orbit AF QCAM-200RX		2	0	0
2	Logitech 720p Webcam C905		2	0	0
3	Scanning Laser Range Finder (URG-04LX-UG01)		1	0	0
4	Scanning range finder URG-04LX		1	0	0
5	Scanning Laser Range Finder UTM-30LX		1	0	0
6	Imaging Device: 1/2" colors CMOS		1	0	0
7	Digital Camera		1	0	0
8	HD Video Camera		1	0	0
9	3M MPro150 Pocket Projector with accessories		2	0	0
10	Kinect for Xbox 360		2	0	0
11	NAO H25 Next Gen Robo			0	0
12	Arduino Car		4	0	0
13	3.3V power Supply Module		5	0	0
14	5V power supply Module		5	0	0
15	9V 1A DC Adapter		5	0	0
16	RGB LED		20	0	0
17	MQ-3 Alcohol sensor		10	0	0
18	Temperature sensor		20	0	0
19	Raspberry Pi 3		10	0	0
20	Raspberry Pi 3 and MathWorks Learn to Program Pack Starter Kit		5	0	0
21	Distance sensor		20	0	0
22	PIR Motion sensor		10	0	0

23	Ultrasonic Range Finder -XL- Maxsonar EZ4 MB1240	10	0	0
24	MMA 7361 Angel sensor	20	0	0
25	Jumper Wire male to male	20	0	0
26	Jumper Wire male to female	20	0	0
27	Jumper Wire female to female	20	0	0
28	Digital Multimeter	10	0	0
29	Oscilloscope	2	0	0
30	Programmer pic kit 2	3	0	0
31	Servo Motor (90S)	20	0	0
32	Servo Motor (91R)	20	0	0
33	Camera Tripods	3	0	0
34	Sony AIBO ERS- 21	1	0	0
35	Desktop Computer	20	0	0
36	Multimedia Projector	2	0	0
37	UTP Cable	4	0	0
38	LAN Switch	5	0	0
39	RJ-45 Connector	100	0	0
40	Computer Table	15	0	0
41	Computer Chair	15	0	0
42	Split Type Air Conditioner	2	0	0
43	Network Rack	1	0	0
44	Laser Printer	1	0	0
45	Wireless router	4	0	0
46	USB Cable	20	0	0
47	DFRobot Serial Bluetooth Module	10	0	0
48	SD/ Micro SD Memory Card Kit-8GB SDHC	5	0	0
49	Light to Frequency Converter - TSL235R	10	0	0
50	Shift Register 8-Bit - 74HC595	10	0	0
51	USB-to-Serial Adapter Cable USB2S-01	10	0	0
52	4-Digit, 7-Segment Display (Green)	10	0	0
53	7-Segment Serial Display (Red)	10	0	0

54	OWI-535 Robotic Arm Edge	2	0	0
55	Lynxmotion Robot Hand - A (no servos) RH-01	6	0	0
56	Elenco Line Tracking Robot	5	0	0
57	SH-1 Soldering Iron Holder	5	0	0
58	Small Alligator Clip Jumper Set (10)	10	0	0
59	ST-12ETL Soldering Tool Kit	4	0	0
60	Laser sensor	4	0	0
61	Keypad	10	0	0
62	Microphone voice	10	0	0
63	IP Camera	3	0	0
64	Laptop	2	0	0
65	On line UPS (2000 VA, Backup 6 hrs)	2	0	0
66	Sub Total		0	0
Internet of Things Research Lab				
1	Basys 3 Artix-7 FPGA Board	1	0	0
2	FPGABoard(Nexys 3 Spartan-6 FPGA Trainer Board)	1	0	0
3	FPGA Board(Spartan-3E Starter Board)	1	0	0
4	Xilinx Virtex-7 FPGA VC707 Evaluation Kit	1	0	0
5	NI my RIO Student Edition	2	0	0
6	Accessories for FPGA Board(Analog Shield: High Performance Add-on Board for the Arduino Uno)	5	0	0
7	Accessories for FPGA Board (Multi Touch Display Shield: Smart Display)	5	0	0
8	Arduino Starter Kit(Open Garden Hydroponics)	3	0	0
9	Raspberry Pi 3 Model B Complete Set	15	0	0
10	Arduino UNO Rev 3	15	0	0
11	Arduino Starter Kit(Radiation Geiger Kit)	2	0	0
12	Arduino Starter Kit(Radiation Geiger Kit)	2	0	0
13	Arduino Starter Kit (Smart Cards Kit (NFC/RFID 13.56 MHz))	5	0	0
14	Arduino Starter Kit(ZigBee Connectivity Kit)	2	0	0
15	Arduino Starter Kit (Wifi Connectivity Kit)	2	0	0

16	Arduino Starter Kit (3G Mobile Kit)	10	0	0
17	Arduino Starter Kit (Long Range 868MHz Connectivity Kit)	2	0	0
18	Arduino Starter Kit (LoRa WAN Extreme Range Connectivity Kit)	2	0	0
19	Lora WAN IoT Starter Kit	2	0	0
20	Watermark Soil Moisture Sensor (8m)	3	0	0
21	Watermark Soil Moisture Sensor (4.5m)	3	0	0
22	Watermark Soil Moisture Sensor (1.5m)	3	0	0
23	Solar Radiation Sensor	1	0	0
24	Weather Station WS-3000	1	0	0
25	Air Pressure Sensor	5	0	0
26	Digital Humidity Sensor	3	0	0
27	Electro-valve for Open Garden	10	0	0
28	Sprinkler for open garden	10	0	0
29	NO2 Gas Sensor	5	0	0
30	Air pollutants(CH4,CO,CH-CH3,H2,CH3-CH2-OH) Gas Sensor	5	0	0
31	NH3 Gas Sensor	2	0	0
32	LPG Gas Sensor	5	0	0
33	CO2 Gas Sensor	2	0	0
34	O2 Gas Sensor	3	0	0
35	Force and Pressure Sensor	5	0	0
36	Vibration Film sensor for thread	10	0	0
37	Vibration film sensor	10	0	0
38	Hall -effect sensor effect sensor	5	0	0
39	Water flow sensor	3	0	0
40	Luminosity Sensor	5	0	0
41	GPS Wasmote Module	3	0	0
42	N Channel JFET 2N5457	100	0	0
43	Analog Multiplier AD633	20	0	0
44	P channel JFET TO-92	100	0	0

45	1x Hall effect sensor(US 1881)	10	0	0
46	BT169 SCR	100	0	0
47	P Channel Low power MOSFET Transistors ZVP3306A	100	0	0
48	N Channel Low power MOSFET Transistors ZN 7000	1,000	0	0
49	CNC WEGSTR PCB Design Tools	1	0	0
50	Ultra Violet 21 (or more) LED Flashlight	10	0	0
51	Instek GDS-3154 Digital Storage Oscilloscope	2	0	0
52	Instek GPE-3323 High Resolution Power Supply	2	0	0
53	Instek GSP-9300B, GSP-9300BTG Spectrum Analyzers	1	0	0
54	Instek AFG-2005 Arbitrary Function Generator	5	0	0
55	GDM-461-Compact Handled Digital multimeter	10	0	0
56	LCR-916-LCR Meter, Hand Held	2	0	0
57	Raspberry Pi Camera Module V2	5	0	0
58	Soldering Kit	10	0	0
59	Digital Communications Bundle	1	0	0
60	NI USRP-2921, 2.4 AND 5GHz Software Radio kit with lab view	0	0	0
61	DD-WRT capable routers	5	0	0
62	AdL 10.1 inch Raspberry pi display 1024*600 with keyboard	5	0	0
63	Roku 3	3	0	0
64	iPad Pro	2	0	0
65	Samsung SmartThings F-MN-KIT-US-2 Home Monitoring	1	0	0
66	LoRaWAN Rapid Development Kit	3	0	0
67	GrovePi+ Base Kit	5	0	0
68	forTable for Table for students	30	0	0
69	Chair for students	30	0	0
70	Office Almirah	30	0	0
71	Multipurpose shelf	30	0	0
72	Office table	30	0	0

73	Swivel chair		30	0	0
	Sub Total			0	0
c)	Artificial Intelligence Research Lab				
1	Motherboard, MSI X99A-SLI-PLUS, Intel Motherboard		5	0	0
2	Processor, Intel® Xeon® Processor E-5-1650 V4		5	0	0
3(a)	RAM, Corsair LPX 32GB		5	0	0
3(b)	Corsair Vengeance LPX 64GB, DDR4		2	0	0
4(a)	SSD, Samsun 850 EVO 500GB, SATA III Internal SSD(MZ-75E500B/AM)		5	0	0
4(b)	Samsung 850 EVO 500GB, SATA III Internal SSD(MZ-75E500B/AM)		5	0	0
5	HDD Seagate 2TB BarraCuda SATA 6Gb/s64MB Cache 3.5-inch Internal HardDrive(ST2000DM006)		5	0	0
6	Graphics card EVGA GeForce GTX 1080 Ti FTW3 GAMING, 11GB GDDR5X, iCX Technology		8	0	0
7	PSU corsair cx series 650 watt 80 plus bronze		10	0	0
8	Monitor, Asus VG245H		10	0	0
9	Casing, Corsair Obsidian Series 750D Airflow Edition, Full Tower ATX Case		10	0	0
10	Keyboard, Optical		10	0	0
11	Mouse, Optical		10	0	0
12	UPS, Powerful UPS		10	0	0
13	Server PC, Dell power edge T630 Tower Server		5	0	0
14	iMac 27 with Retinas 5K display		5	0	0
15	Air Conditioner (2 Ton)		4	0	0
16	HP ENVY -17-ae 151nr Laptop		5	0	0
17	Sub Total			0	0
1	Grand Total (a+b+c)			0	0

II: Other Items

Sl. No.	Item of Project Cost	Schedule to Table-II (A)	Amount (Rs. in lakh)
1	Test & Measurement Lab Items	Schedule A	0

2	Other Items	Schedule B	0.0
3	Furnishing of Meeting Room		
4	Office Equipmentt	Schedule C	0
	Sub-Total		0

Schedule-(A) - Test & Measurement Equipment

Sl. No.	Item of Expenditure	Quantity	Rate INR	Total INR	Remarks
1	Spectrum Analyzer			0	13 GHz FSV 13
2	Network Analyzer	1		0	ZND type
3	RF Shield Room	1		0	---
4	Digital Signal Oscilloscope	1		0	500 MHz 4 channels
5	Logic Analyzer	1		0	LOGIC PRO 16
6	Signal Source			0	AFG 3081
7	EFT / Burst Surge Tester	1		0	---
8	Multi-meter	1		0	FLUKE 87V
9	Electronic Load	1		0	3300 A
10	Sensor Sample Kit	1		0	---
11	Communication Module			0	TI / NXP / Microchip
12	Evaluation Board	1		0	---
13	Software MATHLAB	1		0	---
14	Software CANoe	1		0	VECTOR
15	Software IAR KEIL	1		0	
16	Software - PCB Design	1		0	CADENCE / MENTOR GRAPHICS
17	DLMS Explorer	1		0	---
18	Power Quality Analyzer	1		0	---
19	Power Quality Analyzer	1		0	Single Phase WT 310
20	Clamp on Power Meter	1		0	CW 10 single phase
21	Digital Multi-meter	1		0	TY 710
22	LCR Meter	1		0	TH2817C
23	Soldering & Rework Station	2		0	SCIENTECH
24	Other Items	LS			
	TOTAL			0	

Schedule (B) - Other Items

Sl. No.	Item of Expenditure	Quantity	Rate Rs.	Total Rs.	Remarks
1	Web Portal Creation & Hosting	1		0	---
2	Cabling Costs (Non-Incubation)	1		0	---
3	DG Set	1		0	30 KVA
5	Miscellaneous Items	1		0	---
	TOTAL			0	

Schedule-(C) - Office Equipment

Sl. No.	Item of Expenditure	Quantity	Rate Rs.	Total Rs.	Remarks
1	Desk Top	2		0	For Office Use
2	Lap Top	1		0	-Do-
3	Desktop Printer	2		0	-Do- (with scan / copy / print facility)
4	AV Equipment (Set)	1		0	-Do-
5	Television	1		0	Meeting Room
6	Tables	2		0	For Office Use
7	Chairs	10		0	-Do-
8	Steel Cupboards	4		0	-Do-
	TOTAL			0	

Instruction for Bidders: Only the Yellow Shaded Cells needs to be entered

No. of Incubatee Start-up Units (In-House)

Progress of incubation:

Parameter	No. of Start-up Units				
	Year-1	Year-2	Year-3	Year-4	Year-5
New Entrants	4	4	4		
Older Incubatees					
[‘Nurture’ and early part of ‘Develop’]					
In 2 nd Year of Incubation [‘Develop’ Phase]	0	2	2		
In 3 rd Year of Incubation	0	0	1		
[Final part of ‘Develop’ & ‘Market’ Phases]					
TOTAL INCUBATEES (IN-HOUSE UNITS)	4	6	7		

B1. Awareness Creation: The following is the financial requirement for awareness creation activities aimed at intending start-up entrepreneurs and local students (about tinkering facility)

Awareness Creation

Activity for Awareness Generation	Year-1	Year-2	Year-3
No. of HACKATHONS in a Year (Fixed)	3	3	3
Charges per HACKATHON in Rs (000s) 5% Increase		0.0	0.0
HACKATHON Charges (Rs in Lakhs)	0.0	0.0	0.0
Agency Charges (15% of HACKATHON)	0.0	0.0	0.0
Total - Awareness Generation (Rs Lakhs)	0.00	0.00	0.00

B2. Subsidy for Cloud Computing

(B2): Subsidy for Cloud Computing Costs

	Year-1	Year-2	Year-3
No. of In-house Incubatee Units	4.0	6.0	7.0
Cloud Computing Costs in Rs. per incubatee (fixed)		0	0
Total Cloud computing Costs (Rs in Lakhs)	0.0	0.0	0.0

(B3) Mentoring Services

	Year-1	Year-2	Year-3
Outstation Mentors			
Food and Stay costs for 3 Days (Rs)			
Travel Costs for 3 Days (Rs)			
Miscellaneous for 3 Days (Rs)			
Total Outstation Mentor costs for 3 units for 3 Days (in Rs)	0		
Total Outstation Mentors costs for a Day	0		
Inhouse Voluntary Mentors			
Honarium Costs per day (Rs)			
Avg Mentor costs per session per day (Rs)	0	0	0
No. of In-house Incubatee Units	4	6	7
No. of mentorship days per unit	6	7	8
Qty (mentor days)	24	42	56
Total - Mentoring Services (Rs in Lakhs)	0.00	0.00	0.00

50% of Total Mentors

5% Increase per annum

(B4): Marketing Support (Exhibitions / Conferences; and Domestic IPR Protection)

	Year-1	Year-2	Year-3
Events like Conferences / Exhibitions etc.	3	3	3
Fees for each event (Rs in Lakhs)			
Total fees for events @ Rs X Lakh per unit (Rs Lakhs)	0	0	0
Units with IPR (20% of Units in 2nd yr)		1	1
Domestic IPR Protection @ Rs 2 Lakh / unit	0	2	2
Total fees for Marketing Support (Rs Lakhs)	0	2	2

(B5): Support for Innovation Zone Activities by Youth & Students

	Year-1	Year-2	Year-3
Support for Tinkering Activities at Rs 10 Lakh (Expanded by 5% per annum)	10	10.5	11.0
Total Support Services (Rs in Lakhs)	0.0	0.0	0.0
Total Support Services (Rs in Lakhs) for 3 years	0.0		

Instruction for Bidders: Only the Yellow Shaded Cells needs to be entered

Manpower Costs	Year-1	Year-2	Year-3
No of In-charge Staff			
No of Technical Staff			
Incharge Staff monthly salary in 000s		0	0
Technical Staff monthly salary in 000s		0	0
Incharge Staff Costs for the year'	0.0	0.0	0.0
Technical Staff Costs for the year'	0.0	0.0	0.0
Total Manpower costs in Rs Lakhs	0.0	0.0	0.0

5% Annual increment in Salary

5% Annual increment in Salary

Power Costs	Year-1	Year-2	Year-3
Power Costs per month in 000s		0	0
Total Power Costs (Rs in Lakhs)	0.0	0.0	0.0

5% Annual increment in Power Costs

Office Expenditure and Maintenance Costs	Year-1	Year-2	Year-3
Office Expenditure (*) per month in 000s		0	0
Total Office Expenditure (Rs in Lakhs)	0.0	0.0	0.0

5% Annual increment in Office Expenditure

Office Expenditure (*) such as Cleaning, Office Operations etc.

Other Maintenance Costs ()**

Maintenance Costs per month in 000s		0	0
Total Maintenance Costs (Rs in Lakhs)	0.0	0.0	0.0

5% Annual increment in Maintenance Costs

** Other Maintenance Costs not included in Office Expenditure

Operation Costs (Rs in Lakhs)

Manpower Costs	0.0	0.0	0.0
Power	0.0	0.0	0.0
Office Expenditure	0.0	0.0	0.0
Maintenance Costs	0.0	0.0	0.0
Total Operation Costs	0.0	0.0	0.0
Total Operation Costs for 3 Years (Rs Lakhs)	0.0		