



**Atal Bihari Vajpayee  
Indian Institute Of Information Technology and Management  
(An Autonomous Institute of MHRD, Government of India)  
Morena Link Road, Gwalior, Madhya Pradesh 474015, India**

**Date: 18.11.2017**

# **Tender Document**

**Supply, Installation, Commissioning and On-site support of Incubation Plant  
Setting up of Business Incubation Center at Mponela, Malawi**

**Tender No.: ABV-IIITMG/Reg./2017/4094**

**Last date for submission of bids: 08.12.2017(1730 Hrs)**

**Opening of technical bids: 09.12.2017 (1400 Hrs)**

**The tender document is available for  
downloading at**

**[www.iiitm.ac.in](http://www.iiitm.ac.in), [www.mea.gov.in](http://www.mea.gov.in) &  
[www.eprocure.gov.in](http://www.eprocure.gov.in)**

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## SECTION I: INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at:

### ● Registration

- Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: ) by clicking on the link **"Online Bidder Enrolment"** on the CPP Portal, which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/ nCode / eMudhra etc.), with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others, which may lead to misuse.
- Bidder then logs in to the site through the secured login by entering their user ID / password and the password of the DSC / e-Token.

### ● Searching for Tender Documents

- There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder.  
This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### ● Preparation of Bids

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as

indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option, which helps in reducing size of the scanned document.

- To avoid the time and effort required in uploading the same set of standard documents, which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### 4. Submission of Bids

- Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
  - Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid number and the date & time of submission of the bid with all other relevant details.
  - The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
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- **Assistance to Bidders**
- Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
  - Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

**END OF SECTION I**

## SECTION II: INVITATION FOR BIDS (IFB)

Indian Institute of Information Technology and Management (IIITM) on be-half of Ministry of External Affairs (MEA) invites Online Bids on single stage two-bid system for Supply, Installation, Commissioning and On-site support of Machines for Setting up of Incubation Center at Mponela, Malawi. There are 3 packages of machines to be supplied. Bidder can choose to participate in any one or more than one package.

**Please note that physical bids shall not be accepted.**

### 1. Contact information

The Registrar  
Indian Institute of Information Technology and Management  
Morena Link Road, Gwalior  
Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720  
E-mail: [pankaj@iiitm.ac.in](mailto:pankaj@iiitm.ac.in)

### 2. Critical Date Sheet

Tender documents may be downloaded from [www.mea.gov.in](http://www.mea.gov.in) & [www.iiitm.ac.in](http://www.iiitm.ac.in) (for reference only) and <http://eprocure.gov.in/eprocure/app> as per the critical date sheet below:

<b>Published Date</b>	18.11.2017 (1000 Hrs)
<b>Bid Document Download/ Sale Start Date</b>	18.11.2017 (1000 Hrs)
<b>Online Clarification Start Date</b>	18.11.2017 (1000 Hrs)
<b>Online Clarification End Date</b>	27.11.2017 (1030 Hrs)
<b>Pre Bid meeting</b>	28.11.2017 (1100 Hrs)
<b>Bid Submission Start Date</b>	19.11.2017 (1100 Hrs)
<b>Bid Submission End Date</b>	08.12.2017 (1730 Hrs)
<b>Technical Bid Opening Date</b>	09.12.2017 (1730 Hrs)

### 3. Two Bid System

The two bid system will be followed for this e-tender. In this system, the bidder shall submit his offer online in two parts viz. Technical Bid and Commercial Bid.

The offers submitted by telegram/ fax/ e-mail/ by hand or any other mode except e-tender shall not be accepted. No correspondence will be entertained in this matter.

Part 1: "Technical Bid" shall be uploaded in the form of following documents:

- Copy of Tender Fee (Non-Refundable) in the form of **Demand Draft** for Rs. 2000/- (Rupees Two Thousand only) drawn on any **Nationalized/ Scheduled Bank**, in favour of '**Director, ABV-IIITM, Gwalior**'.

The original instrument in respect of Tender Fee must be submitted to IIITM on the address mentioned above on or before bid submission date/ time as mentioned in critical date sheet. The Demand Draft submitted towards tender fee shall be non-refundable.

Copy of **Earnest Money** in the form of **Demand Draft/ Bank Guarantee** towards Earnest Money Deposit as per table mentioned below; from any **Nationalized/**

**Scheduled Bank**, in favor of ‘**Director, ABV-IIITM, Gwalior**’ as mentioned at Para 6 (Section III). The original instrument in respect of Earnest Money Deposit must be submitted to IIITM on the address mentioned above on or before bid submission date/ time as mentioned in critical date sheet. **In case of non-submission of original payment instrument for EMD and tender fee, the bid shall be rejected. The Demand Draft submitted towards tender fee is non-refundable. Bidder needs to submit separate EMDs for each of the packages in which bidder intend to participate**

S No	Package	EMD Amount	Plants / Machines Incorporated
1	Package 1	INR 4.8 Lakhs	Tomato Ketchup + Cassava Powder + Mango Pulp + Packing
2	Package 2	INR 1.9 Lakhs	Gems & Stones; Polishing & Cutting
3	Package 3	INR 2.6 Lakhs	Briquetting and Composte Convertor

- Duly filled Technical Bid with proper seal and signature of authorized person on each page of the bid submitted. The person signing the bid should be the duly authorized representative of the Firm/ Bidder whose signature should be verified and certificate of authority should be scanned and submitted as per format given at **Annexure I**. The power or authorization or any other document consisting of adequate proof of the ability of the signatory to bind the firm/ Bidder should be scanned and annexed to the bid.
- Copy of Supply Orders/ Contracts/ Agreements for similar work, successfully executed by the bidders (and its consortium partners, if any) in last five years ending March 31, 2017. As tender has 3 packages, and if bidder wants to participate in more than one package; then bidder has to provide experience of all of those packages also as per terms and conditions described in the relevant section of the tender.
- Bidder need to submit EMD amount separately for all the packages.
- Bidder needs to submit an undertaking (attached as annexure X) and declare its consortium partners, if any, while bidding and after that bidder is not allowed to change their consortium partners.
- Bidder and consortium partner need to submit an undertaking (attached as annexure XI) that its consortium partners in this tender will not be participating as a bidder separately. If found so bidder and its consortium partner's bid will be disqualified.
- Bidder is also responsible to furnish following relevant documents of consortium partners :
  - GST registration certificate
  - CA audited balance sheet for last three years
  - Work Orders / Letter of Award / Completion certificate of executed projects pertaining to required work experience
  - Certificate of incorporation of consortium partner , confirming consortium partner(s)'s existence for more than 3 years
- Copy of GST and PAN/ Registration certificate, as applicable shall be uploaded.
- Copy of a certificate by the auditor/ CA/ CS indicating the turnover of the firm shall be uploaded.



The bidder should have total average turnover depending upon the number of packages in which bidder is bidding for; in last 3 (three) financial years ending 31st March 2017 (if audited) else year ending 31<sup>st</sup> March 2016.

- Copy of documents related with Firm Registration/ Partnership Deed/ Articles of Memorandum of Association or Proprietorship Deed, Certificate of Incorporation shall be uploaded.
- Bidder also need to submit an undertaking for bidder being solely and completely responsible for the work awarded to him in accordance of this tender.
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- Bid Form as per format given at **Annexure II** must be uploaded by the bidder along with Technical Bid.

- Technical Compliance Document in the form of **Tech\_Comp\_Doc.pdf** with detailed technical specification, make, model and cross reference compliance with the data sheets should be uploaded in the technical bid, failing which will lead to the rejection of the bid. Please refer Annexure VIII for Technical Compliance Sheet

- Declaration as per the format given at Annexure III must be uploaded by the bidder along with Technical Bid for undertaking that the Machines that shall be supplied for Mponela, Malawi will not be refurbished / duplicate or acquired illegally in India / Third Country.

- The installation and warranty services are required in Mponela, Malawi. The bidder should upload the signed and scanned copy of the detail plan for providing warranty services at sites. The bidders should have its own Branch Office/ Service Centre in Mponela, Malawi or arrangement to provide service through local dealer/ service provider or need to provide some mechanism to provide the warranty services. In all the cases, a signed and scanned undertaking to this effect should be uploaded along with the technical bid as per format given at **Annexure IV**. The details viz. name, address, contact person, telephone / fax, email etc. should be provided along with an undertaking from this local dealer/ service provider within 60 (sixty) days of the receipt of Supply Order from IIITM or in case of some other mechanism need to submit self-attested document on Bidder letter head by describing mechanism to provide warranty services.

- Signed and scanned copy of the Checklist as per format given at **Annexure VII** must be uploaded along with Technical Bid.

- Signed and scanned copy of other related documents, mentioned in the tender document but not listed here.

**Part 2: “Commercial Bid” shall be uploaded in the form of following documents:**

- Price schedule should be submitted online only in the form of **BOQ\_BIC\_Malawi.xls**.

- The prices should be mentioned in figures as well as in words wherever mentioned in the **BOQ\_BIC\_Malawi.xls**. The bidder should carefully cross check the prices entered in figures with corresponding figures converted in words.

- **Pre-Bid Meeting**

The pre-bid meeting shall be held as per schedule mentioned in critical date sheet at:

**Indian Institute of Information Technology and Management  
Morena Road, Gwalior, Madhya Pradesh - 474015**

Maximum 2 (Two) participants per bidder will be allowed to participate in the Pre-bid Meeting.

Note: The queries/ suggestions should be submitted only on CPP Portal by **28.11.2017** up to **1000 hrs**. The answer to the queries will be provided only on CPP Portal after the Pre Bid Meeting. The queries received after due date/ time or through e-Mail/ letter will not be considered.

### **5. Submission of bids and opening of the Technical bids:**

Last date for submission of bids will be as per schedule mentioned in critical date sheet above. Online Technical bids will be opened as per schedule mentioned in critical date sheet above at:

**Indian Institute of Information Technology and Management  
Morena Link Road, Gwalior  
Madhya Pradesh – 474015 INDIA**

The bids should be submitted online only at CPP Portal. The bidders' authorized representative

(maximum two) may choose to attend the bid opening/s, if desired so. Bids will be opened online as per date/time as mentioned in the Tender Critical Date Sheet.

The technical bids will be evaluated to shortlist the eligible bidders. The technical bids of short listed bidders shall be considered for further processing i.e. technical evaluation.

For each package evaluation would be done separately and will be done accordingly for all bidders who have applied in one or more packages. If bidder wishes to bid in more than one package then needs to qualify separately and need to submit all relevant documents to get qualify for all packages separately.

Bidders whose technical bid is found to be acceptable and meeting the eligibility requirements as specified in this tender will be informed about the date and time of the opening of the commercial bid.

### **6. Opening of Commercial Bids**

The online commercial bids of the bidders who are short listed after Technical Evaluation only will be opened in the presence of the bidders or their authorized representative (maximum two), who choose to attend, at the **time place and date** to be informed later.

The authorized representative of bidders, present at the time of opening of the bids shall be required to sign an attendance sheet as a proof of having attended the online commercial bid opening.

The bidder's name, bid prices, discounts and such other details considered as appropriate by

IIITM, will be announced at the time of the opening of the bids.

Lowest bidder of each package would be finalized independently for every package from all technically qualified bidder from all packages.

For all the three packages, bidder has to make sure to get qualified individually in all the packages to participate except in Turnover need to be additive of all packages in which bidder wants to participate. In EMD; bidder need to submit different DDs for all the packages. EMD should not be combined in single DDs/ or any other mode of payment (please check all modes of payment in section 3; above)

**Note:** Technically accepted online competitive bids ONLY will be considered for the opening of online Commercial Bids.

**END OF SECTION II**

## SECTION III: INSTRUCTIONS TO BIDDERS (ITB)

### 1. Scope of Work / Project Timelines

The bidder is required to Supply, Install & Commission and has to provide on-site support of machines for Setting up of the Incubation Center in Mponela, Malawi. The delivery and installation at site must be completed within 150 days from the date of placement of supply order by IIITM. The shipment from India/ third country is required to be done by sea/ air/ road. The delivery at site must be completed within 120 days including the custom clearance & local transportation to the site by the bidder. It is mandatory for the bidders who respond to this bid to meet these expectations as time is the essence of this contract and is tightly linked to IIITM plans of completing the project within the available time frame. Bidder is also requested to provide the comprehensive warranty as per the SLAs given for 1 year after commencement of the project.

#### ● Responsibilities of the Implementing Agency (IIITM):

- To identify supplier/suppliers to supply plant & machinery and other materials as specified in this tender up to site of installation i.e: Mponela.
- To monitor installation & commissioning of plant & machinery at site by selected vendor.
- To carry out training of trainers before handing over the Centre to host Counterpart Organization.
- Providing necessary drawings for making out necessary changes in structure of Lab classes
- To facilitate selected vendor and GOM (Government of Malawi) for warranty support services for the equipment for any manufacturing defect for a period of 12 months from the date of commissioning and 15 months from the date of shipment of the project, whichever is earlier, at project site.
- To provide consultancy to Counterpart Organization for smooth operation of Business Incubation Center (BIC) during knowledge transfer.

#### ● Responsibilities of Recipient Country / Counterpart Organization:

- To nominate a National Project Coordinator (Focal point) to closely co-ordinate and jointly work with IIITM's team of experts.
- Appropriate selection mechanism and mobilization of citizens of Malawi for training
- Making necessary availability of raw material required for training
- Working space including computer with Internet connection, printer, scanner, telephone, fax, photocopier, stationary (paper, CD, etc.) and other necessary items.
- To facilitate for short / long term visa / work permit exemption certificate for the experts
- To provide power supply of three phase/single phase at 380/220 volts, 50 cycle/sec power. The site should be adequately furnished with work benches/office space and furniture viz. tables, chairs, etc.
- To assist in providing skilled, semi-skilled and unskilled workers for installation, commissioning and training. Host shall also provide interpreter at their cost, if required.
- To provide furniture & fixtures and office equipment for the centre.
- Physical space for center along with Infrastructure and logistics support such as Civil and electrical works, provision of data communication / telecom links.
- Administration and operating expenses of the center including maintenance and upgrading of the premises, furniture, basic equipment and consumables. etc

## • Responsibilities of Bidder

- Supply, Installation, Commissioning, Testing & maintenance of Machinery and equipment at Business Incubator Centre, Mponela, Malawi.
- Bidder is also responsible to provide necessary services during warranty period to maintain SLA (service level agreements as defined in warranty clause) by providing necessary spares and visits of engineers.
- Any civil alterations, cabling, flooring, safety protective furnishings, signage, interiors not made available by host country; would be responsibility of the vendor, if required.
- Although, GoM (Government of Malawi) has sufficient capacity for electricity load for the newer equipment. If any extra load is required then proportionately will be divided into all qualified bidders and would be paid by bidders directly to local vendors of Malawi.
- Bidder has to position at least 2 trained staff for each set of packages for a month, who will also be responsible to provide trainings to master trainer
- Bidder needs to provide comprehensive 1 year warranty and has to arrange necessary spare parts along with delivery of equipment for proper maintenance (quantum of spare parts will be at discretion of bidder to ensure SLA parameters)
- After successful installation and training, bidder has to provide necessary manuals (booklets, hand leaves, audio and visual clips) for the reference for the Government of Malawi with complete right to share with any one.
- It is bidders responsibility that Incubation center would run seamless without any issues pertaining to machines and installations.

## 2. Locations for the Supply, Installation & Warranty Services

The items as detailed in this document are required to be supplied and installed at Mponela, Malawi. The detail of consignee & firm address of the site(s) for supply, installation & commissioning and on-site warranty support will be communicated in the Supply Order.

## 3. Order Placements and Release of Payment

The supply order and payment shall be released by:

**Indian Institute of Information Technology and Management**  
**Morena Link Road, Gwalior**  
**Madhya Pradesh – 474015 INDIA**

## • Eligible Bidders

- a. The bidder and its consortium partner(s)(if any), should be incorporated in India and registered with Government under appropriate law or Act, and should be in the business of the similar activities.
- b. Bidder & its consortium partner(if any) should provide supporting document for incorporation, turn over, balance sheet, successful completion of work order / purchase order / Letter of award, etc as detailed elsewhere in the tender document.
- c. There are 3 packages of machines to be supplied. Bidder can choose to participate in any one or more than one package.
- d. **In case bidder is participating in only one of the three packages;** bidder need to qualify in below mentioned terms for the package being bid for:

S No	Package	Eligibility Criteria
1	Package 1	<ul style="list-style-type: none"> <li>Bidder must have an average annual turnover of last three years (either 2013-2014; 2014-2015; 2015-2016 or 2014-2015; 2015-2016; 2016-2017) is INR 240 Lakhs.</li> <li>Bidder must have experience of execution of similar projects in last 5 years of either 1 project of INR 192 Lakhs or 2 projects of 120 Lakhs only or 3 projects of INR 96 Lakhs or total cumulative executed projects in last 5 years of value INR 360 lakhs; The similar work means supply, installation, integration and on-site support of at least any one of the line items mentioned in package 1 in India/ abroad.</li> <li>In case, bidder doesn't have required turnover ,bidder can choose to form a consortium with a partner having experience in similar areas of business as listed in the requirement of package 1.The turnover of the consortium partner can be counted towards ascertaining the eligibility for turnover criteria. Please note that bidder must have required work experience for eligibility, on his own and that of consortium partner shall not be counted for ascertaining the eligibility.</li> <li>EMD Amount INR 4.8 Lakhs Only</li> </ul>
2	Package 2	<ul style="list-style-type: none"> <li>Bidder must have an average annual turnover of last three years (either 2013-2014; 2014-2015; 2015-2016 or 2014-2015; 2015-2016; 2016-2017) is INR 93 Lakhs.</li> <li>Bidder must have experience of execution of similar projects in last 5 years of either 1 project of INR 75 Lakhs or 2 projects of 47 Lakhs only or 3 projects of INR 37.2 Lakhs or total cumulative executive projects in last 5 years of value INR 140 lakhs; The similar work means supply, installation, integration and on-site support of at least any one of the line items mentioned in package 2 in India/ abroad.</li> <li>In case, bidder doesn't have required turnover ,bidder can choose to form a consortium with a partner having experience in similar areas of business as listed in the requirement of package 2.The turnover of the consortium partner can be counted towards ascertaining the eligibility for turnover criteria. Please note that bidder must have required work experience for eligibility, on his own and that of consortium partner shall not be counted for ascertaining the eligibility.</li> <li>EMD Amount INR 1.9 Lakhs Only</li> </ul>
3	Package 3	<ul style="list-style-type: none"> <li>Bidder must have average annual turnover of last three years (either 2013-2014; 2014-2015; 2015-2016 or 2014-2015; 2015-2016; 2016-2017) is INR 130 Lakhs</li> <li>Bidder must have experience of execution of similar projects in last 5 years of either 1 project of INR 104 Lakhs or 2 projects of 65 Lakhs only or 3 projects of INR 52 Lakhs or total cumulative executive projects in last 5 years of value INR 195 lakhs The similar work means supply, installation, integration and on-site support of at least any one of the line items mentioned in package 3 in India/ abroad.</li> <li>In case, bidder doesn't have required turnover ,bidder can choose to form a consortium with a partner having experience in similar areas of business listed in the requirement of package 3.The turnover of the consortium partner can be counted towards ascertaining the eligibility for turnover criteria. Please note that bidder must have required work</li> </ul>

		<p>experience for eligibility, on his own and that of consortium partner shall not be counted for ascertaining the eligibility.</p> <ul style="list-style-type: none"> <li>• EMD Amount INR 2.6 Lakhs Only</li> </ul>
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**e. In case bidder is participating in more than one package ;**

- Bidder is first required to qualify for at least one of the package as per the criteria mentioned in clause 4.d.
- For participating in any one or both of the remaining two packages, bidder need to additionally qualify for each of the package individually on account of work experience and turn-over eligibility requirement of that(those)packages
- Bidder can have maximum one consortium partner(s) for each of the remaining packages, whose work experience and turnovers can be counted towards ascertaining the eligibility of bidder for that package.
- Bidder needs to make sure that it can use its turnover value in one package only; if some portion of turnover has not been used for qualifying in the primary package, then that remaining portion of the turnover value can be used for meeting turnover eligibility criteria of other remaining package(s).

**Illustrative example:**

- Bidder 'B', having average turn-over of 200 Lakhs and required work experience of Package 1 wish to bid for Package 1 only.
- 'B' would not be eligible for package 1, as it doesn't have the required turnover of Rs 240 Lakhs.
- 'B' can form a consortium with a partner (CP1), who is having experience in similar areas of business as listed in the requirement of package 1 and with average turn over of Rs 80 Lakhs.
- Now the total turn over of Consortium (B+CP1) is more than required Rs 240 Lakhs(i.e. Rs 280 Lakhs), the Bidder would qualify for bidding for Package 1.
- Now, B wishes to participate in Package 2 also but does not have the requisite work experience of Package 2, It can do so, by adding one more Consortium partner (CP2) To qualify , CP2 must have the required work experience for package 2 and the turn over criteria of package 2 must be met collectively by turnover of CP2 and the remaining turnover(if any, but not mandatory) of B. Here in current example, while ascertaining the eligibility for turnover criteria of Package 1(i.e Rs 240 Lakhs), CP1's turnover of Rs 80 Lakhs and of B's turnover of Rs 160 Lakhs (out of its total 200 Lakhs) were considered for qualification. Now the remaining turnover of B1 of Rs 60 Lakhs (i.e.200-140) can be counted towards the eligibility for turnover criteria of Package 2 and CP2 must have an average turnover of at least Rs 33 Laks.
- On the same lines, B can bid for package 3 also by adding one more Consortium partner (CP3), if need be.

**• Amendment of Tender Document**

- At any time prior to the deadline for submission of bids, IIITM may, for any reason, whether on its own initiative or in response to the clarification request by a



prospective bidder, modify the bid document.

- All prospective bidders who have purchased the bidding document will be notified of the amendment in writing, and such amendments/ modifications will be binding on them.
- IIITM at its discretion may extend the deadline for the submission of bids if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into the consideration the amendments while preparing their bids.
- Bidders should keep viewing the above-mentioned websites for any corrigendum/ change.

There wouldn't be any newspaper advertisement towards the same. If any bidder misses the information published on the website and their bid is rejected, no complaint would be entertained.

## • PREPARATION OF BIDS

Bids shall be submitted online only at CPP Portal:

<http://eprocure.gov.in/eprocure/app>

Bidders are advised to follow the instructions provided in Section-I above for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <http://eprocure.gov.in/eprocure/app>

Bid documents may be scanned with **100 dpi** with black and white option, which helps in reducing size of the scanned document.

Bidder who has downloaded the tender from the IIITM website and Central Public Procurement Portal (CPPP), shall not tamper/modify the tender form including downloaded commercial bid template in any manner. In case if the same is found to be tempered/ modified in any manner, bid will be summarily rejected and EMD would be forfeited and the bidder would be liable for suitable penal action.

Bidder should avoid, as far as possible, corrections, overwriting, erasures or postscripts in the bid documents. In case however any corrections, alterations, changes, erasures, amendments and/or additions have to be made in the bids, they should be supported by dated signatures of the same authorized person signing the bid documents.

Bidder need to make sure for below mentioned points specifically; while participating in tender

(this is applicable if bidder is participating in more than one package:

- Bidder need to make sure to provide all documentation and work orders related to all the packages separately and marked clearly which documentation is for which package
- Need to submit different DDs for EMD amount for all the different packages; need not to club EMDs in single DD. In case bidder has participated in more than one package; and becomes L1 in one package then EMD of all other packages can be returned to bidder as per standard procedure.
- Turnover should be cumulative (additive) for all those packages for which bidder is participating.
- Need to fill those columns of commercial sheet which is strictly related to



package for which bidder is interested to participate

## 6. Earnest Money Deposit (EMD)

6.1. The tender documents must be accompanied by Earnest Money Deposit:

Copy of **Earnest Money** in the form of **Demand Draft/ Bank Guarantee** towards Earnest Money Deposit as per table mentioned below; from any **Nationalized/ Scheduled Bank**, in favour of '**Director, ABV-IIITM, Gwalior**' as mentioned at Para 6 (Section III). The original instrument in respect of Earnest Money Deposit must be submitted to **IIITM** on the address mentioned above on or before bid submission date/ time as mentioned in critical date sheet. **In case of non-submission of original payment instrument for EMD and tender fee, the bid shall be rejected. The Demand Draft submitted towards tender fee is non-refundable.**

S No	Package	EMD Amount	Plants / Machines Incorporated
1	Package 1	INR 4.8 Lakhs	Tomato Ketchup + Cassava + Mango Pulp + Packing
2	Package 2	INR 1.9 Lakhs	Gems & Stones; Polishing & Cutting
3	Package 3	INR 2.6 Lakhs	Briquetting and Composte Convertor

Bidder shall submit EMD instrument separately for each package for which bidder is bidding for.

Bids submitted without EMD will stand rejected. EMD will not be accepted in the form of cash/ cheque/ FDR or any other form except DD or BG. No interest shall be payable on EMD.

6.2. The EMD will be returned to the bidder(s) whose offer is not accepted by IIITM within 30 days from the date of opening of commercial bids. In case of the bidder(s) whose offer is accepted the EMD will be returned on submission of Performance Bank Guarantee (Refer Clause 8 of Section IV). However if the return of EMD is delayed for any reason, no interest/ penalty shall be payable to the bidder.

6.3. The successful bidder, on award of contract/ order, must send the contract/ order acceptance in writing, within 7 days of award of contract/ order, failing which the EMD will be forfeited.

6.4. The EMD shall be forfeited:

- If the bidder withdraws the bid during the period of bid validity specified in the tender.
- In case a successful bidder, fails to furnish the Performance Bank Guarantee (Clause 8 of Section IV) in lieu of performance warranty.
- If the bidder fails to furnish the acceptance in writing, within 7 days of award of contract/ order.

- If the bidder fails to supply the material.

6.5 In case bidder has participated in more than one package; and becomes L1 in one package than EMD of all other packages will be returned to bidder as per standard procedure.

### • **Period of validity of bids**

- Bids shall be valid for minimum 180 days from the date of submission. Bid valid for a shorter period shall stand rejected.
- IIITM may ask for the bidder's consent to extend the period of validity. Such request and the response shall be made in writing only. The bidder is free not to accept such request without forfeiting the EMD. A bidder agreeing to the request for extension will not be permitted to modify his bid.

## **B. SUBMISSION OF BIDS**

The online bid shall be neat, plain and intelligible. Each page of the bid should be signed by the authorized person. They should not contain any terms and conditions, printed or otherwise, which are not applicable to the Bid. The conditional bid will be summarily rejected. Insertions, postscripts, additions and alterations shall not be recognized, unless confirmed by bidder's signature.

### • **Deadline for Submission of Bids**

- Bids must be submitted online before the due date and time as specified in the critical date sheet.
- IIITM may extend this deadline for submission of bids by amending the bid documents and the same shall be suitably notified on the websites only.

### • **Late Bids**

The online bid submission would not be possible after the deadline for submission of bids.

## **BID OPENING AND EVALUATION OF BIDS 10. Opening of Bids**

- The technical bids will be evaluated to shortlist the eligible bidders for all the packages separately. The technical bids of only the eligible bidders shall be considered for further processing (technical evaluation).
- Bidder whose technical bid is found to be acceptable and meeting the eligibility requirements (may be one or more than one package) as specified in this tender will be informed about the date and time of the opening of the commercial bid.
- IIITM will open commercial bids of only the technically short listed bids at the time and date to be informed later.

## AWARD OF CONTRACT

### • Evaluation of Proposals & Award Criteria

- The bidder can go ahead with any one or more than one package but necessary to quote for all the items in any package mentioned under Section V – Schedule of Requirement. The lowest price criteria shall be applied on the total composite amount (inclusive of all) of all items taken together for every single package. One bidder may be given one or more package depending upon technical qualification and lowest prices.
- Preliminary scrutiny of the proposal will be made to determine whether they are complete, required processing fee (Tender Fee) and bid security (EMD) have been furnished, whether the uploaded documents have been properly signed and whether the bids are generally in order. Proposals not conforming to such preliminary requirements will be prima facie rejected.
- Bids complying with all the eligibility requirements mentioned under Section III Clause 4 of this tender document and fulfilling the specifications and schedule of requirements mentioned in **Tech\_Comp\_Doc.pdf**(please refer annexure VIII for sheet) and Section V shall be treated as substantially responsive bids. Responsiveness of the bids shall be determined on the basis of the contents of the bid itself and shall not be determined by extrinsic evidences.
- IIITM, if required, may ask bidders for presentation on the solution offered. Failure on part of bidder to arrange the presentation on the date & place fixed shall result in the rejection of technical bids and financial bids of these bidders shall not be opened. Also, if it is found after presentation that the solution offered is not meeting the specifications prescribed by, such bidders shall be treated as substantially non-responsive. IIITM decision shall be final in this regard. The place for presentation shall be conveyed to the bidders at an appropriate date.
- Commercial bids of only those bidders will be opened who are found to be substantially responsive and the work shall be awarded to the commercially lowest bidder.
- Bidder should quote their rates by uploading in prescribed Performa in BOQ\_BIC\_Malawi.xls only. Commercial bids/ prices/ rates other than the format provided or elsewhere in the Bid Document shall be rejected by IIITM. The rates quoted in figures would be automatically converted in words in BOQ\_\_BIC\_Malawi.xls.
- The bidder should carefully cross check the prices entered in figures with corresponding figures converted in words. In case of discrepancy between words and figures, the rates quoted in words shall be treated as final. The correct amount will be calculated by multiplying unit price with quantity and in case of any discrepancy, the corrected amount shall be considered and total of all corrected amount shall be bidder's total quoted amount.
- In the copies of supply order/ contract/ agreement/ experience certificate submitted by the bidder, if the currency is other than Indian Rupees, the value of work in Indian Rupees shall be determined by using the exchange rate declared by Reserve Bank of India as on the last date of submission of technical/ commercial bids and the eligibility of the bidder shall be determined accordingly.

- If more than one bidder happens to quote the same lowest price, IIITM reserves the right to split the order and award the contract to more than one bidder. The splitting in such case will be done on the basis of item wise lowest price quoted by the bidders.

#### • **Purchaser's Right to amend Scope of Work**

- If, for any unforeseen reasons, IIITM is required to change the Scope of Supply, this

change shall be acceptable to the bidder without change in the unit price quoted.

- IIITM reserves the right to reject one/ all the bids or cancel the tender without assigning any reasons there for.
- IIITM reserves the right to accord relaxation uniformly to all the bidders in case the bid submitted by all the bidders are found to have minor deviation.

#### • **Corrupt or Fraudulent Practices**

- It is expected that the bidders who wish to bid for this project have highest standards of ethics.
- IIITM will reject bid if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract;
- IIITM may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract.

#### • **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; Director General, IIITM interpretation of the clauses shall be final and binding

on all parties.

**END OF SECTION III**

## SECTION IV: SPECIAL CONDITIONS OF CONTRACT (SCC)

### • Prices

- The price quoted shall be considered firm and no price escalation will be permitted.
- Bidders must quote the prices in INR only and as per the prescribed Performa in BOQ\_\_BIC\_Malawi.xls only.
- The prices quoted should be inclusive of freight, insurance, packing etc till destination, but excluding of applicable statutory government taxes in India(if any) like GST. MEA would reimburse taxes as per the applicable rates as on the date of invoice.. The packing shall be transport worthy so as to prevent their damage or deterioration to goods during transit to their final destination as indicated in this document. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, and the remoteness of the Goods final destination and the absence of heavy handling facilities at all point in transit. However risk in good shall continue with supplier till goods are delivered in good condition and installed at end user's site duly certified by IIITM, end-user & Indian Mission in Malawi.

### • Taxes and Duties:

- Applicable statutory government taxes in India(if any) like GST etc would be reimbursed by MEA as per the applicable rates as on the date of invoice.. The items being imported in Malawi from India/ third country will be exempted from payment of Custom Duty at Malawian side. The Government of Malawi/ end user on the request of supplier shall provide necessary Custom Duty Exemption Certificate but the custom clearance will be the responsibility of the successful bidder. No Concession Tax Form (C/D) will be given by IIITM.
- Bidder shall arrange to clear the consignment after following customs formalities at Malawi and shall arrange to deliver the consignment to the end user individual site(s). The cost and risk of the consignment rests with the bidder till it is delivered to the end user individual site(s).

### • Software Licenses:

N/A

### 4. Chartered Engineer Certificate:

The successful bidder will be required to furnish the certificate from a Registered Chartered Engineer certifying that the items supplied and their specifications are in compliance with the requirements of the supply order issued by IIITM.

### 5. Completeness Responsibility:

Notwithstanding the scope of work, engineering, supply and services stated in bid document, any equipment or material, engineering or technical services which might not be even specifically mentioned under the scope of supply of the vendor and

which are not expressly excluded there from but which are necessary for the performance of Incubation Center in Mponela, Malawi in accordance with the specifications and executing the contract to establish achievement of performance guarantee parameters, are to be provided for and rendered by the bidder without any extra charge so that the said project is completed in all respect. Even bidder has done consortium; in case also bidder is responsible.

## 6. Warranty and Support (also Service Level Agreement):

All the items covered in the schedule of requirements, shall carry **minimum 1 (one) years on site comprehensive warranty** from the date of its installation & commissioning. The bidder must undertake to provide the on-site support during the warranty in Malawi. The repairing/ rectification/ replacement/ configuration required, if any, must be done at site only. During the warranty, all complaints should be rectified within 14 (fourteen) working days from the time of complaint. In case the rectification of fault involves replacement of some hardware the same should be carried out within 21 (Twenty One) working days from the date of intimation.

Failure to do so would result in the levy of penalties. The PBG will be released by IIITM only after the submission of satisfactory performance certificate issued by end-user & verified by Indian Mission in Malawi after the completion of warranty period.

## 7. Payments:

Payment will be done for each package separately as per milestones below:

a. IIITM shall release 70% of the total cost of the respective package to the supplier on dispatch of all items of that package from India/ third country and after receipt of funds from MEA, on due verification of documents pertaining to proof of dispatch and receipt of Performance Bank Guarantee.

b. IIITM shall release 20% total cost of the respective package to the supplier after delivery of all item(s) of that package at all site(s) and after receipt of funds from MEA, on verification by IIITM, end user and Indian Mission in Malawi.

c. Balance 10% of the total cost of the respective package to the supplier shall be released by IIITM after successful installation & commissioning of all item(s) of that package at all site(s) after receipt of funds from MEA on physical verification at site and certification by a Project Monitoring Committee (PMC) duly constituted by MEA and represented by IFD, MEA.

## 8. Performance Bank Guarantee (PBG):

The successful bidder within 30 days must submit a PBG equivalent to 10% of the order value on receipt of supply order from IIITM as per the format provided in **Annexure VI** of this tender document. This Bank Guarantee should remain valid 22 (Thirty Four) months from the date of its submission to IIITM.

## 9. Transport/ Shipping Documents:

After the consignment is ready for dispatch, the successful bidder shall be required to furnish the following documents:

- Chartered Engineer's Certificate
- Bill of Lading/ Air Way Bill (booking details)
- Packing List
- Insurance Policy
- Invoice & other relevant document(s)

Actual shipment should be done only after receipt of concurrence from IIITM based upon the above-mentioned documents.

## **10. Penalty for delayed Services:**

IIITM reserves the right to levy penalty @ 0.5% of order value per week of delay beyond the scheduled timeline of completion of installation at site i.e. 150 days from order placement and resolution of complaint during warrant period i.e. all complaints should be rectified within 14 (fourteen) working days from the time of complaint. In case the rectification of fault involves replacement of some hardware the same should be carried out within 21 (Twenty One) working days from the date of intimation, subject to maximum of 10% of the order value. IIITM reserves the right to cancel the order in case the delay is more than 10 weeks. The penalties, if any shall be recovered from the Performance Bank Guarantee (PBG) submitted by the successful bidder or from the Balance payment reserved with IIITM. IIITM may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the contract is the result of circumstances not attributed to the bidder. For any such relaxation, the bidder should sought prior written approval from IIITM by submitting proper justification with documentary evidences.

## **11. Jurisdiction:**

The disputes, legal matters, court matters, if any shall be subject to Delhi jurisdiction only.

## **12. Force Majeure:**

IIITM may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the contract is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful bidder's OEM premises.

## **13. Arbitration:**

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc., shall be referred by either party (IIITM or the bidder) after issuance of 30 (thirty) days' notice in writing to the other party clearly mentioning the nature of dispute to a single arbitrator acceptable to both the parties. The venue for arbitration shall be specified in the purchase agreement. The jurisdiction of the courts shall be specified in the purchase agreement. The Arbitration and Conciliation Act 1996 and the rules made there under with all/ any modifications or amendments thereof for the time being in force shall apply to the arbitration proceedings.



## END OF SECTION IV

### SECTION V – SCHEDULE OF REQUIREMENT (Bill of Material)

**Scope of Work:** Supply, Installation, Testing, Commissioning & maintenance of Machine and equipment at Incubation Centre at Malawi

S. No.	Packages	Product description	Quantity
1	Package 1	Tomato Ketchup Plant	2 Set
2		Mango Pulp Plant	2 Set
3		Cassava Powder Plant	2 Set
4		Packaging Plant	2 set
5	Package 2	Gems and Precious Stones cutting & polishing Plant	2 Set (of all machines in each set)
6	Package 3	Briquetting Plant	2 Set
7		Waste Composte Plant	2 Set

TECHNICAL SPECIFICATIONS has been mentioned in following section

### TOMATO KETCHUP PLANT

S.No	DESCRIPTION	Quantity
1.	<b>ROTARY FRUIT &amp; VEGETABLE WASHING MACHINE:</b> All contact parts of stainless steel Frame made of M.S complete Installed 1hp/3ph motor Tumbling drum type SS sieve where product would wash is made out of SS 1/8" hole size and SS rings Jet spray system on the top to wash fruits & vegetables SS tank in the bottom of the washer to collect waste water Gear box and three variable speed pulley Washing by slow tumbling action of the rotary drum Drums length 4' Minimum length 5' Width 2' Height 4.5'. CAPACITY-50KGS./HRS. Suitable for washing fruits like mango, pears, apples, tomatoes, potatoes & other	2No



	roots vegetables.	
2.	<b>FRUIT CRUSHER:</b> Mounted on a M.S stand with 1HPmotor. All contact parts made of stainless steel (AISI 304). Capacity 50kgs. Tomatoes per hour. SS head with SS shaft, SS rotor, SS beaters, SS hopper with hing Specially designed to crush tomatoes	2 No
3.	<b>JUNIOR PULPER:</b> All contact parts made of stainless steel AIAI-304. Mounted on M.S frame duly fitted with 1/2HP/1ph motor. One sieve and one set of nylon brush. Ss shaft, GM bush, bearing, SS back pate removable type, Ss hopper V-belt, pulley drive, Ms belt cover, MS motor cover Specially designed to make pulp from tomatoes after crushing, product to be feed from hopper and waste like skin and seed would be separate and fine pulp would be separate automatically. Capacity of is 50kgs. Tomato /hrs.	2 No
4	<b>STEAM JACKETTED KETTLE:</b>  Mounted on a mild steel stand with tilting arrangement through worm gear/pinion.  Jacket and pan made of 12/14swg. Stainless steel-304.  Complete with pressure gauge, safety valve, steam Trap & drain cock.  The kettles are double jacketed for maximum steam utilization and efficiency. Specially designed to cook tomato ketchup. KETTLES TILTING TYPE: 25 GALLONS 100 Liter	2 No
5	<b>GLASS BOTTLE Washing Machine:</b> Complete made of M.S. with 2 head Brushes driven by ½ HP motor. With rinsing tank of G.I. suitable for brushing new or recycled bottles The brushes while rotating reach the corners and crevices of bottles to remove dust particles.	2 No
6.	<b>SINGLE HEAD PENUMATIC FILLER:</b> - Suitable for filling viscous liquids like Honey, Jam, Mayonnaise, Cheese Spread, Gravy, Sauces etc. <b>FEATURES:</b> <ul style="list-style-type: none"> <li>A. Accurate filling precision by the state of the art pneumatic filler.</li> <li>B. Complete made of SS, confirm to GMP standard.</li> <li>C. The weight range is easily adjustable by turning of a toggle lever.</li> <li>D. Easy to dismantle and install, easy to wash.</li> <li>E. Filling range- 200-1000ml.</li> <li>F. Capacity-10-15 fills per minute depending on operator</li> </ul> <b>Compressor</b> with Head Pneumatic Filler Gravy & Viscous filling through Suction Pump Single Head, With Hopper.	2 No

7.	<b>CROWN CORKING MACHINE:</b> Heavy duty and hand operated Casted body Specially design to seal glass bottles With magnetic cork holder and adjustable to accommodate all sizes of bottles.	2 No
8.	<b>SHRINK TUNEL:</b> Suitable for attaching shrink sleeves on necks Compatible on cartons for cans/bottles Complete with electrical control panel, temperature controller, air circulation fan, conveyor etc.	2 No
9.	<b>BAND SEALER:</b> Should have continue operational capability to seal all types of pouches made out of laminates or virgin films. Reliable band sealing principle for consistently strong and efficient sealing. The machine should be adjusted up and down as per the size of the pouch. The bandsealer can be linked with semi-automatic filling Speed 10 to 20 bags/min.	2 No
10.	<b>AUTOMATIC FORM FILL SEAL MACHINE:</b> Fully Automatic form fill seal machine using volumetric system of weighing Ability to conduct integrated operations From measuring, pouch making, filling and sealing of pouches Suitable to pack Pickle paste, jam, ketchup any free homing liquid. Fitted with positive displacement pump that sucks the required quantity and fills in the pouch. Consist of: Complete With Photo control panel. One 0.5hp/1ph motor and gear box Electric heaters One set punching blades One SS volumetric pump system for weighing One set of die rollers and sealers Pressure control bolts of sealers and die rollers Wheels mounted One size of chute and pitch gear as per size available. FILLING RANGE-10GMS. Speed-20-25PPM	2No
11.	Air Compressor: 2 HP With pipe & fitting	2 No
12.	<b>STEAM VERTICAL BOILER 100 KGS./HRS.</b> Capacity, Complete made of MS with 10 Feet long M.S. chimney	1 No

	Capacity	Kg/hr	100k.g/hr	
	Efficiency	%	76±2	
	Design		shell and tube type	
	Heating System		MANUAL	
	Fuel		WOOD/COAL	
	Electric Supply		Ac, 3 Phase, 415V, 50hz	
<b>13. All other remaining additional components</b>	TROLLY: Made of MS			4 No
	PLASTIC CREATES:			20 No
	WOODEN SPOON:			4 No
	MS PIPE LINE & FITTING			2 No
	INSTALLATION CHARGES			2 No
	REFRECTOMETER			2 No
	NUMEX STAMP: For print manufacturing date			2No.
	SS BUCKET			4No
	weighing scale			4No
	plastic boxes & spoons			20No
	Filling table			2No
	UTENSILS:			8No

### **To be provided by bidder:**

- Steam boiler with valve fitting 1 no
- Feed water pump with motor 1 no
- Ms fabricated chimney (10 feet long) 1no
- MS BARI As per requirement
- Smoke/air ducting As per requirement
- Insulation wherever required As per requirement
- Crane expanses/Transportation at site As per requirement
- Steam piping and Chimney As per requirement

- Complete consumables and Food chemicals as mentioned below (are for two sets of machines)

### **Consumables & Food Chemicals for 3 Months** **(Approximately one Batch in a week)**

- Pouches: 200No.
- Bottles: 50No.
- Shrink Labels: 200No.
- Caps: 100No.
- Laminates: 100Kg.
- SODIUM BANZOTE-1KG
- POTESIUM SORBATE-1KG
- GUVARGAM/GENTHAM GUM-5KG
- TOMATO FLAVOUR-500GMS.
- COLOR-500GMS.
- CITRIC ACID-5KG
- ASETIC ACID-5KG.
- SALT-10KG.
- SPICES BLEND-500GMS.
- CORN FLOUR-25KG.

### **LIST OF SPARE PARTS** **(below mentioned is for 1 year and for 2 sets of machines)**

- **ROTRAY WASHER:**
  - V-BELT-2No.
  - JET SPRAY-20
  - BEARINGS-12
  - CHAIN-1 set
  - SPROKETS-1 set
  - GEAR BOX-1No

#### **B. FRUIT CRSHER**

- OILSEAL-5No
- BLADES-5No.
- COUPLING-1No.
- RUBER PACKING-2No.

#### **C. BABY PULPER**

- NYLON BRUSHES-4No.
- OIL SEAL-4No.
- V-BELT-2No.

- BEARINGS-1No.
- G.M. BUSHES-1set
- SIEVES-2No.

**D. STEAM JACKETED KETTLE**

- DRAIN CORK-4No.
- PRESSURE GAUGE-2No.
- SAFETY VALVE-2No.
- STEAM TRAP-2No.
- NUTS-2No.
- GLAIN-1 set

**E. GLASS BOTTLES WASHING MACHINE**

- NYLON BRUSHES-12No.
- FLEXIBLE PIPE-2No.

**F. SINGLE HEAD PNEUMATIC FILLER**

- RINGS-12No.
- SEALS-4No.
- PACKINGS—1set
- SOLONAID VALVE- 2Nos.
- SENSORS-6Nos.
- AIR FILTER-2No.

- **CROWN CORKING MACHINE**

- GM DIE-1No.
- DIE HOLDDER-1No

- **SHRINK TUNNEL**

- HEATERS-12No.
- TEMPRETURE CONTROLLERS-3No.
- FAN-1No.

- **BAND SEAMER**

- SEALING BELTS- 10 set
- HEATERS- 3 set
- TEMPERATURE CONTORLLER- 2No.

- **AUTOMATIC FORM FILL SEAL MACHINE**

- HEATERS- 12No.
- FUSE- 1 packet
- SEALS – 2No.
- ORINGS-10No.
- TEMPERATURE CONTORLLER- 2No.
- INDICATOR LIGHT-2No.
- CONTACTORS-4No.
- PHOTO PANEL & PHOTO CELL- 1set
- MOBIL OIL- 1Lltrs
- PC MOTOR-1No.
- CUTTERS- 2set
- PIPE- 1set
- CHUTE-1No.
- **AIR COMPRESSOR**
  - OIL -2 Ltrs
  - RINGS- 1set
  - TROLLEYS WHEELS-4 No.
- **STEAM BOILER**
  - WATER LEVEL- 2No.
  - SAFETY VALVE-2No.
  - STEAM TRAP-2No.
  - PRESSURE GAUGE-2No.
  - TEMPRETURE GAUGE-2No
- CI BARI-1No.
- STEAM VALVE-1No.
- DRAIN VALVE-1No.
- AIR VENT VALVE-1No.
- NRB-2No.
- WATER PUMP KIT-2 set
- WATER PUMP- 1set
- PACKING-1 set

**Note:** Sugar (for processing raw material) and Wood (for boiler) would be provided by concerned ministry as per requirement of the project for three months

## **MANGO PULP PROCESSING PLANT**

S.No	DESCRIPTION	Quantity
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1.	<b>ROTARY FRUIT &amp; VEGETABLE WASHING MACHINE:</b> All contact parts are made of stainless steel Basic frame made of MS Simply designed, sturdy construction The material is fed into the hopper continuously and gets washed by slow tumbling action of the rotary drum. After washing, the material comes out through the other end. Complete with 1hp/3ph motor Gear box and three variable speed pulley. Capable of washing fruits, vegetables and most suitable for washing fruits like mango, pears, apples, tomatoes, potatoes & other roots vegetables. Tumbling drum type SS sieve where product would wash is made out of SS 1/8" hole size and SS rings Jet spray system on the top to wash fruits & vegetables SS tank in the bottom of the washer to collect waste water Drums length 8' Overall length 10' Width 3.3' Height 6'. CAPACITY-50kGS/HRS.	2No
2.	<b>TWIN PULPER:</b> Consists of 2Nos pulper mounted on basic structure of M.S. 1 <sup>st</sup> stage of is fitted with 1/8" sieve. The product gets pulped in the 1 <sup>st</sup> stage & then flows into the 2 <sup>nd</sup> stage, which is fitted with 1/32" sieve (as per requirement). Ss shaft, GM bush, bearing, SS back plate removable type, Ss hopper V-belt, pulley drive, Ms belt cover, MS motor cover Specially designed to make pulp from Mangoes after cutting, product to be feed from hopper and waste like skin and seed would be separate and fine pulp would be separate automatically. Total load of is 3HP. Top 2HP / 2 <sup>nd</sup> stage of 1HP. All contact parts made of stainless steel AISI-304. Capacity of is 50KGS. of mangoes/hrs.(input).	2 No
3.	<b>STEAM JACKETED KETTLE</b>  Mounted on Stainless steel legs. Jacket and pan made of 10/10swg. stainless steel. Complete with pressure gauge, safety valve, steam Trap  The kettles are double jacketed for maximum steam utilization and efficiency. <b>KETTLES FIXED TYPE WITH TUFLOX SCRAPER FITTED WITH REMI/KIRLOSKAR GEARED MOTOR COMPLETELY MADE OF S.S. (LEGS, MOUNTING ETC.)</b> <b>10 GALLONS 100 Liters.</b>	2No
4.	<b>PS-EMPTY CANS WASHER &amp; STERILIZER</b> Push type gravitational rolling. The empty can is pushed through the steam tunnel, which injects steam and sterilizes the can before filling. Total length of tunnel is 5' and can is passed through the tunnel by a gravitational push type. COMPLETE MADE OF M.S. top cover made of aluminum.	2No
5.	<b>CAN DOUBLE SEAMER</b> High-speed "can still type" seamer. Can still type Can seamer	2No

	Pedal operated Seaming head should rotate Four roller seamer One platform and base plate Casted body Complete with one 401 dia seaming chuck and seaming roll Suitable for seaming Round cans between 202-700 dia ranges Equipped with 1.5HP 1440 RPM motor and starter. (Capacity approx. 2000 cans/hrs.)	
6.	<b>CANNING RETORT VERTICAL:</b> Capacity 90/100 A21/2 cans. Complete made of M.S. with pressure gauge, metal clad thermometer, safety valve and release valve. Painted with black color paint Complete with two MS creates to put the cans and then create would be put into the retort. Suitable for sterilization of cans after seaming. The can is placed in the crate which is then fed into the retort and subjected to high pressure and temperature thus sterilizing the contents.	2 No
7.	<b>COOLING TANK:</b> Made of MS, for cooling of filled Cans.	2No
8.	<b>ROTARY FLAT CAN BODY REFORMER:</b> Should be mounted on mild steel stand and casted body Suitable for shaping flattened cans into cylindrical bodies between 200-700dia range and 1-1/2" – 10" height. Equipped with 1 HP 1440 RPM motor, starter, V-belt, pullies etc. Complete with 401 dia rubber rollers and bearings Capacity 600-800 cans per hour.	2No
9.	<b>HAND FLANGER:</b> Complete with flanging dia and adopter plate Made of casted body Suitable for flanging round cans bodies of 301-700dia range and 1-1/2"-10" height Complete with 401 dia flanging die and rings	2No
10.	<b>DOUBLE SEAMER:</b> Mounted on a mild steel stand. Made of casted body Suitable for seaming cans between 202-700dia range and 2" – 9 3/8" height range. Equipped with 1 HP 1440 RPM motor (suitable for 400 V +5%, 3 ph, 50 Hz supply) starter standard base plate, V-belt, pullies etc. Capacity approx. 600 –800 cans per hour Complete with 401 dia seaming chucks and seaming rollers	2No
11.	<b>TREADLE LID EMBOSSING MACHINE:</b> Designed to emboss lids without piercing the lid. Mounted on MS frame Body made of Casted One MS plate to hold the lids With one set of double row die holders. One set of alphabets and numerals (ATOZ & 0-9)	2No
12	<b>ROUND CAN BODY BEADER:</b> Suitable for 301, 401, 603 and 700dia can sizes beading. Equipped with 1 HP 3 PH motor. Made of MS The purpose of beading a can is to provide extra strength to the can thus avoiding dents in the can while storage. Complete with one set of 401 dia die	2No



13	<b>STEAM BOILER:400KGS./HRS.</b> capacity, Complete with 20 Feet long M.S. chimney.		1 No
	Capacity	Kg/hr	
	Efficiency	%	
	Design		
	Heating System		
14. All remaining additional components for setting up plant	Electric Supply		Ac, 3 Phase, 415V, 50hz
	<b>CUTTING TABLE:</b> Top stainless steel 304 With M.S. legs Size 6'x3'x3' S.S. frame work.		10 No
	<b>Pulp Tank:</b> Made of SS-304 Vertical shape Capacity 50LTR		2No
	<b>BALANCING TANK:</b> Made of SSS-304, with agitator and 1hp/3ph motor. Capacity 50LTR		2No
	<b>TRANSFER PUMP</b> Sanitary volumetric pump is S.S for transfer of liquids/ viscose products. The pump is positive single screw type with SS rotor. With 1hp motor.		2No
	<b>Filling Tank</b> Vertical Tank SS 304 Vertical conical tank. Bottom outlet Insulated Capacity 50LTR		2No
	<b>Platform for overhead filling Tank</b>		2No
	<b>FILLING TABLE</b> Top stainless steel 304. With M.S. legs. Approx. Size 6'X3'X3' M.S. frame work.		2No
	<b>MS FRAME FOR ELECTRIC HOIST:</b>		2 No
All remaining additional components for setting up plant	ELECTRIC HOIST:		2No
	MS PIPE LINE & FITTING		2 LOT
	SS PIPE LINE & FITTING		2LOT
	CUTTING KNIFE		40 No
	TROLLY MADE OF MS		4 No
	PLASTIC CREATES		20 No
	REFRACTOMETER:0-32		2 No
	<b>HAND CAN TESTER:</b> Complete with foot pump and pressure gauge. Reading pressure up to 30 ibs/ Sq. inch.		2No
	<b>VACUUM TESTER: WITH VACUUM GAUGE</b>		2No
	<b>SEAM CHECKING GAUGE (STAINLESS STEEL)</b>		2No
	<b>SS BUCKET:</b>		4 No
	<b>COOLING TOWER:</b>		2No.

### **To be provided by bidder**

- Steam boiler with valve fitting 1 no
- Feed water pump with motor 1 no
- Ms fabricated chimney (20 feet long) 1no
- MS BARI As per requirement
- Smoke/air ducting As per requirement
- Insulation wherever required As per requirement
- Crane expenses/Transportation at site As per requirement
- Steam piping and Chimney As per requirement
- Complete list of packaging material and consumables mentioned below is for two sets of machines

### **LIST OF PACKING MATERIALS (for three months)**

- 300Nos. Tin Can -
- 400Nos. Paper Labels -
- Gear oil - 5ltrs

### **LIST OF CONSUMABLES and SPARE PARTS (for 1 year and for two sets of machines)**

#### **A: ROTRAY WASHER**

- V-BELT-2No.
- JET SPRAY-20
- BEARINGS-12
- CHAIN-1 set
- SPROCKETS-1 set
- GEAR BOX-1No

#### **B. TWIN PULPER**

- NYLON BRUSHES-8 set
- OIL SEAL-4No.
- V-BELT-4No.
- BEARINGS-2No.
- SIEVES-3No.

#### **C. PULP TANK**

- BALL VALVE-1No.

**D. STEAM JACKETED KETTLE**

- DRAIN CORK-4No.
- PRESSURE GAUGE-2No.
- SAFETY VALVE-2No.
- STEAM TRAP-2No.
- NUTS-2No.
- GLAIN-1 set

**E. TRANSFER PUMP**

- STATOR- 1 set

- **FILLING TANK**

- BALL VALVE-1 No.

- **CAN SEAMER**

- SEAMING CHECCK-1No.
- SEAMING ROLLERS-1set
- SPRINGS- 1set
- BEARINGS- 1set
- V-BELT-2No.

- **RETORT**

- DRAIN CORK- 2No.
- PRESSURE GAUGE-1No.
- SAFETY VALVE-2No.
- STEAM TRAP-1No.
- GLAIN – 1set
- BALL VALVE-1No.
- TEMPRETURE GAUGE-1No.

- **REFORMER**
  - V-BELT-2No.
  - RUBBER ROLLER WITH BEARING-1 set
  
- **FLANGER**
  - FLANGING DIE- 1set
  
- **DOUBLE SEAMER**
  - SEAMING CHECK-1No
  - SEAMING ROLLERS- 1set
  - ARM-2 No.
  - SPRINGS- 1set
  - BEARINGS- 1set
  - V-BELT- 2No.
  
- **TREADLE LID EMBOSSING MACHINE**
  - DIE HOLDER- 1set
  - ALPHABETS & NUMERALS- 2set
  
- **ROUND CAN BODY BEADER**
  - DIE SET- 1set
  - V-BELT -2No.
  
- **MOTORS- 2No.**
  
- **STEAM BOILER**
  - WATER LEVEL- 2No.
  - SAFETY VALVE-2No.
  - STEAM TRAP-2No.
  - PRESSURE GAUGE-2No.
  - TEMPRETURE GAUGE-2No
  - CI BARI-1No.
  - STEAM VALVE-1No.

- DRAIN VALVE-1No.
- AIR VENT VALVE-1No.
- NRB-2No.
- WATER PUMP KIT-2 set
- WATER PUMP- 1set
- PACKING-1 set

### **CASSAVA POWDER PROCESSING PLANT**

S.No	DESCRIPTION	Quantity
1.	<p style="text-align: center;"><b>CASSAVA PEELER</b></p> <p><b>ROLLER TYPE FRUIT &amp; VEGETABLE WASHING MACHINE:</b>  All contact parts are made of stainless steel.  Simply designed, sturdy construction.  The material is fed into the machine where continuously rotation of brushes product gets washed by up side water spray system.  Suitable to <b>Peel/clean wash various vegetables like Radish, Carrot, Cassava, Potato, Ginger, Turnip, Stem Root etc.</b>  The washer is fitted with water spray jet arrangement which simultaneously washes/cleans the vegetables.  Washer is made of SS-304 and confirms to food sanitary standards.  The washer is equipped with rotating soft brushes which thoroughly cleans the vegetables while simultaneously peeling them, Unique designs of the washer enables user to visually inspect the level of wash/peel achieved. after the wash, the cleaned vegetable are removed from the side exit outlet.  <b>PSRVW: 7 Roller Brushes, with Capacity -50Kg/Hr.</b></p>	2No
2.	<p><b>CASSAVA SLICER:</b></p> <p>Equipped with 1HP MOTOR.  Capacity-50Kgs./Hrs.  Made of SS basic frame made of MS.  Specially designed to make slices from cassava with adjustable thickness.</p>	2No
3.	<p><b>HYDROEXTRACTOR: (Potato drying machine):</b>  To remove excess surface water from sliced cassava by centrifugal system before drying.  All contact parts made of SS304 Complete with electric motor (reputed make),</p>	2No

	<p>starter, v-belts Capacity: 50 Kg. Per Hour Use For Slice Made of:- Stainless Steel, Aluminium, Iron Specialty :- Centrifugal force Electric Motor :- 1 H.P.</p>	
4.	<p><b>TRY DRYER:</b></p> <p>Electrically operated, Digital Temperature controller – cum – Indicator is used for controlling temperature, Double walled inner and outer body made of Mild Steel beautifully painted. Glass wool insulation for maintain the inner temperature Temperature range 50<sup>0</sup>C to 250<sup>0</sup> C Temperature with an accuracy of <math>\pm 1^{\circ}\text{C}</math>, To work on 220Volts AC main. One air circulation fan of 0.5hp motor for uniform temperature One door with hinges and lock system with ball system One exhaust duct on the top One fresh air input duct One electric control panel Complete with 48 SS trays MS rack system in the chamber where trays have to place Electric heater in the chamber for heating. <b>Capacity 48 trays</b> <b>SS tray size 16"x32"x1.25"</b></p> <p>Each Tray Capacity 3 to 5 kg Depending on fruit &amp; Veg. <b>TOTAL</b></p>	2No
5.	<p><b>PULVERIZER:- For dry Powder.</b></p> <p>All contact parts made of stainless Steel. Hammer type system. One cyclone for collection of powder One collection bag One Air blower for suction of powder Equipped with 5Hp/3phase motor. Capacity approx 50kg. Per hour.</p>	2No
6.	<p><b>VIBROSIFTER:</b></p> <p>Vibro sifter for separation of different practical sizes of powder, cereals and pulses. The machine designed ensures separating the husk particles from powder product. • Easy dismantling and cleaning facility for contact parts Double deck screens with outlet chute from bottom deck. All contact parts like sieve made of SS. Basic frame and non contact parts are made of MS • Maintenance free &amp; high speed working capacity • Made up of SS-304/ food grade Equipped with electric motor. • Capacity-50Kgs./Hrs.</p>	2No
7.	<p><b>SCREW FEEDER:</b></p>	2No

	Specially designed to feed cassava powder to Auger filler. All contact parts made of stainless steel AISI-304. Complete with in feed hopper and out feed chute. Complete with 1hp/3ph geared motor.	
8.	<b>AUGER FILLER :-</b> Auger fillers are designed to handle diverse types of powders are accurately weigh them using accurately designed auger screw which is controlled by a sophisticated clutch brake system. All contact parts are made of SS and non-contact parts are made of MS. One SS hopper with one agitator inside for continues rotation of powder. One motor for agitator and one for clutch break operation on the top. One control panel with pedal operation which control the weight and wastage.  FILLING RANGE:-500GM to 1KG	2No
9.	<b>BAND SEALER:</b> Should have continue operational capability to seal all types of pouches made out of laminates or virgin films. Reliable band sealing principle for consistently strong and efficient sealing. The machine should be adjusted up and down as per the size of the pouch. The band sealer can be linked with semi-automatic filling Speed 10 to 20 bags/min.	2No
10.  All remaining additional component of projects	PLASTIC CREATES	20 No
	PEELING KNIFES	20No
	CUTTING TABLES	4No
	UTTENSILS	4No
	BUCKETS	4No.

### **To be provided by Bidder**

#### **(List of packaging material for 3 months & for one batch in a week:**

- Built pouches  
for 500/1000GMS.-300Nos.
- Gear oil-5ltrs

#### **LIST OF CONSUMEABLES and SPARE PARTS (are for two sets of machines & for 1 year)**

- BRUSHES OF ROLLER TYPE FRUIT & VEGHETABLE WASHER-4No.
- CUTTING BLADES FOR SLICER-2No.
- V-BELT-7No.
- MOTOR-1HP- 2No.
- HEATER FOR DRYER-12No.

- TEMPRETURE CONTORLLER FOR DRYER-2No.
- SIEVES FOR PULVERIZER - 2No.
- HAMMERS FOR PULVERIZER-10No.
- COLLECTION BAGS-3No.
- SIEVES OF VIBRO SHIFTER-2No.
- AUGER SCREW- 1set
- BAND SEALER
- SEALING BELTS- 10 set
- HEATERS- 3 set
- TEMPERATURE CONTORLLER- 2No.

### **All In One – AUTOMATIC PACKAGING MACHINE**

1.	<b>AUTOMATIC FORM FILL SEAL MACHINE: for GRANULES</b>	2No.
	<p>Main Frame, Stand and other Parts are made of mild steel &amp; painted.</p> <ul style="list-style-type: none"> <li>• Contact Parts: All Contact parts are made of stainless steel grade.</li> <li>• Sealing type: Center Seal Intermittent Type.</li> <li>• Packing Size: Pouch Length-100 to 450 mm.</li> <li>• Film width: 200 To 700 mm.</li> <li>• Film Type: Heat Sealable, Pet Poly.</li> <li>• Packing Range:250gm- 500gm</li> <li>• Former Assay: Three Size former Assay &amp; one Size Cup Filler Disk Included.</li> <li>• Electric Control: By P L C &amp; H M I.</li> <li>• Temp Controller: PID Control, Digital 48*48 mm Controlled By SSR.</li> <li>• Photo Cell Unit: For accurate pouch length.</li> <li>• Paper Pulling : By Pneumatic items are made By “ Camozzi Pneumatic ”</li> <li>• Bearings: Japan/Poland” Make.</li> <li>• Speed :50–60 P/minute (Depending upon weight to be packed)</li> </ul>	



	<ul style="list-style-type: none"> <li>• Speed Controlled: by A.C Drive.</li> <li>• Proximity Sensors: Data sensor / P &amp; F (Germany) Make.</li> <li>• Pulling Motor: 1 HP Three Phase 440V AC</li> <li>• Fill Motor: ½ HP Three Phase 440 VAC.</li> <li>• Gear Box: Bonaire / Ultra / make.</li> <li>• Pouch Counter: For Counting The Pouches.</li> <li>• Compressed air: 3–4 CFM at 8 Kg/sq cm is required.</li> <li>• Power Required:440 V AC 50 Hz, Three phase, +Numeral 3 KW Load (max)</li> <li>• Variation in weight:±0.1 to 0.2 g.</li> <li>• Pouch Counter: Digital Counter for counting the pouches.</li> </ul> <p>Compressed air:5–6 cfm at 6Kg/sq cm is required.</p> <p><b>ALONG WITH VOLUMETRIC FILLER ATTACHMENT</b></p> <p><b>FILLING RANGE-100--500gms.</b></p> <p><b>ALONG WITH AIR COMPRESSOR AND ONE SIZE OF CHANGE PARTS</b></p>	
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**To be provided by Bidder (List of packaging material for 3 months)**  
**(one batch in a week):**

- |                      |                |
|----------------------|----------------|
| • Pouches for 100 Kg | Laminate       |
| •                    | Gear oil-5ltrs |

**LIST OF CONSUMABLE SPARE PARTS**

**(for two sets of machines and for 1 year)**

- HEATERS-10No.
- CUTTERS-2 SET
- PID CONTROLLERS-6No.
- FUSE- 2 SET
- DRIVE-1 SET
- PLC- 1SET
- PULLING ROLLERS- 1SET
- SENSORS-1 SET
- MAIN MOTOR- 1No.
- HMI- 1SET

- WHEELS-4 No.
- Volumetric cups- 1set
- VIBRATOR-1No.
- PNEUMATIC CYLINDERS- 1 SET
- BEARINGS-20No.
- AC DRIVE- 1SET

**Plant for Gems and Stones Cutting and Polishing**

S No	Component	Description	Quantity
1	Assortment Working Station	Size: 4"X2" Mounted on wooden top with Lighting arrangement with Tools for making selection of Rough Gemstone from Mines minerals as well as assortment of rough gems. It should also have facilities to mark gemstone for further sawing operation and trimming of gemstone for making direct selection.	Two sets
2	Trim saw machine	Suitable for slicing of raw gemstone into small /desired pieces and to perform trimming operation with tools to remove surface impurity of the Gem. The machine to be operated by 0.25HP, 220V, 1440 rpm motor & suitable for slicing of all kind of gemstones from 5mm to 20mm piece sizes. The machine to be mounted on wooden top table and supplied with Tools & consumables.	Two No.
3	Pre-shaping machine	For pre-shaping of faceted as well as cabochon gemstones. Should be capable to perform pre shaping of for all kind of gemstones in various forms & shapes of gems. Suitable for 4 persons to work simultaneously. The machine to be run by 0.25HP, 220V, 1440 rpm motor with cooling & lighting arrangement, mounted on wooden top table. To be supplied with tools, consumables & all accessories.	Two No.
4	Universal calibration machine	Semi automatic universal calibration machine suitable for calibration of faceted as well as cabochon gemstones in precision $\pm 0.05$ mm as per ICA specification. The machine should perform girdle and pavilion cutting in one setting so as to ensure better accuracy and high productivity. The machine should produce calibrated Gems of Round, Oval, Pear, marquise, Octagon, Square, Heart, Trillion and other fancy shapes in various sizes. It should be run by 0.25 HP, 220V, 1440 rpm & DC motor and supplied with coolant & lighting arrangement. The machine to be mounted on wooden top table and supplied with all tools, accessories & consumables.	Two No.

5	Faceting & polishing machine unit	<p>Dual Arbour Precision &amp; Versatile Machine Unit to Process all Kind of Gems into Round, Oval, Pear, Marquise, Square, Octagon, Heart and other shapes in different sizes from 2 mm to 20 mm. Suitable for 2 persons. This machine Unit should be able to cut Gems in Brilliant, Step, Rose and other latest Facet patterns. The machine should be supplied with 4 Nos. Precision Universal Factors synchronized with each other. It should have accurate spring Loaded Table Polisher &amp; Transferring Block.</p> <p>The Machine should be run by 0.25 Hp, single phase, 1440 rpm motor. The Machine to be mounted on wooden top table and supplied with Cooling arrangement along with tools, consumables &amp; complete accessories.</p>	Eight No.
6	Cabochon polishing machine	<p>For making cabochon of all sizes in Round, Oval, Pear, Heart, Square, Octagon &amp; other Fancy shapes of different gemstones. It should finish as well as polish gems. The machine to be suitable for 4 operators to process complete operations of cabochon independently. It should be run by 0.25HP, 220V, 1440 rpm motor. To be supplied with coolant pumping device having filtering partitions. The machine to have lighting arrangement and supplied with tools, consumable &amp; complete accessories. Machine to be mounted on MS table and to have facilities for dopping of gems.</p>	Two No.
7	Vibrator polisher	<p>4 Kg capacity vibrators to finish as well as polish gemstones separately. The main container should have teflon coating for wear resistance and scratch free performance against hard gemstones. It should be able to polish all kind of gemstone in Tumble, Uncut, Cabochoun and other forms. Fitted with 0.5HP, 2800 r.p.m, 220 V motor, mounted on MS table. The machine to be supplied with abrasive powder, polish powder and complete accessories.</p>	Four No.
8	Ultra sonic drilling machine	<p>With amplitude 40-80 microns with frequencies of 25 kHz, 150 W, sufficient to perform effective drilling from 0.5 mm to 2 mm in gemstone ranging from Rh 5 to 9 on hardness scale. Table mounted machine and supplied with lighting arrangement, tools &amp; complete accessories.</p>	Two No.
9	Grading station	<p>Size: 4"x2", to carry out grading of faceted &amp; cabochoun gems based on their stone and manufacturing quality with special lamps and other inspection facilities to make marketable lots of finished gems for marketing as per international quality checks. To be supplied with complete tools, accessories, packaging material, consumable to take enhance beauty and care of finished gems for a longer time.</p>	Two No.

10	Gemstone Testing machines	a) UV gemstone tester for differentiating natural gems with synthetic / fake gemstone. b) Refractor meter to judge RI of stone to recognize a particular gemstone c) Spectroscope for judging spectrum of gemstone. d) Gemstone microscope stereo type 30 X zoom with all accessories & tool kit. e) Hardness testing machine complete with all accessories & tool kit. To ensure all testing machines are supplied along with testing tools. To be supplied with table and lighting arrangement	Two sets
11	Electronic weighing machine (digital display) :	Precision weighing capacity upto 10 gm Precision weighing capacity upto 100 gm Precision weighing capacity upto 1 kg Complete with accessories and electrical.	Two sets
12	Working table	5" x 2.5" With 4 sitting tools for dopping of: i) Pre-shaped stone for calibration ii) Calibrated stones for faceting & Polishing.	Two No.
13	Inspection tools kit	Including Eye glass-8 Vernier gauge -1, Dial gauge -1, Brass gauge- 4 Nos	Two sets

14	Working Tools	i. Indexing dops holder – 24 pcs ii. Brass dopsticks 2mm To 7 mm - 900 Pcs iii. Diamond impregnated Lap 600 Mesh, 1200 Fine Mesh – 12 Pc ( 6 pcs each) iv. Diamond impregnated Lap 100, 180, 260 & 360 Mesh - 8 Pc 2 pc Each v. Diamond Polishing Powder- 40-50000 mesh - 500 Cts. vi. Burner set for dopping- 2 Pc vii. Special dopping wax- 16 Kg viii. Stone bowl big size- 12 Pc ix. Spectacle for eyes guard -8 Pc x. 4" Diamond sawing blade -100 Pc xi. Emery powder size-100,150,260no -4 Kg xii. Gas burnar set with pipe & clamp for tools xiii. Gas lighter -4 Nos xiv. Emery powder size-360 & 600 no – 2 kg each xv. Sandal wood polishing wheel -1 Pc xvi. Polishing powder - chromium oxide - 5 kg xvii. Polishing powder- tin oxide )- 2 kg xviii. Polishing powder pink – 1 kg xix. 22/24 gauge steel Almirah 6" height to keep working tools – 4 shelves - 1 No. xx. Grading tools, polishing tools, accessories, measuring instruments and jigs fixtures etc. xxi. Manual for Gemology, Installation & Commissioning manual, maintenance manual, Gemstone processing manual, etc. xxii. Complete consumable for 3 months training.	Two sets
15	Spares for all the machines for one year of normal operation (Tentatively mentioned for an year)	To ensure that the spare list include all the items / parts required to be replaced during the course of normal operation and due to wear & tear including preventive & breakdown maintenance.	Two lots

**Organic Composte Machines**

**(Quantity 2)**

<b>Sr No</b>	<b>Description</b>	<b>Specification</b>
1	Input Capacity	100 KG
2	Input Type	Food/Vegetable / Flower waste/Leaves
3	Process	Continuous
4	Noise Level During Operation	Less than 3 db(A)
5	Harmful Emission	No
6	Burning And Chemical Use	No
7	Weight Of Machine	Should be less than 400Kg
8	Output compost weight	less than 20% of Input Weight
9	Dimensions	Appx. 1200mm x 750 mm x 1300 (Ht)
10	Power Consumption	Maximum 4 kW, Single Phase
11	Composting Time	24 to 48 hours
12	Inner chamber Material	Stainless steel with SS304 grade
13	Automation	PLC with Auto temp control system
14	Power Supply	Single Phase

No specific spares or consumables required. Bidder need to make sure to provide services for 1 year with no downtime due to fault in machine.

**Briquetting Machines**

**(Quantity 2 of each component: Dryer, Grinder and Briquetting Compressor)**

**Dryer (Quantity: 2)**

<b>S No</b>	<b>Description</b>	<b>Specification</b>
1	Power Consumption	4HP/3 KW
2	Production Capacity	300 KG/H
3	Motor Fan to suck the Raw Material	2 HP on I.D.
4	Motor on Air Lock in Cyclone	1 HP

5	Motor on conveyor to feed material inside the Cyclones	1HP
6	Type of Panel for Operating & Control	Electric Panel
7	Screw conveyor length	10 feet long

#### **Spare Parts and Consumables**

No such specific parts or consumables; but bidder need to make sure to provide necessary arrangements to provide 100% uptime for an year

#### **Grinder (Quantity: 2)**

S No	Description	Specification
1	Production	600 KG/HR 10% $\pm$ actual production may vary; depends on the combination of raw material.
2	Material Used	MS Iron Sheet 10 - 12 mm
3	Raw Material In-feed size	Maximum Dia 10 - 15 mm
4	Raw Material Moisture Content	Moisture should not be more than 12% while Grinding
5	Power Required	27 HP / 20.25 KW

#### **Spare Parts and Consumables (for two sets of machines and for 1 year)**

- Grinding
- cutting blades: 50 Pcs
- Perforated
- Screen: 2
- Tool Kit: 2
- Sets

#### **Briquetting Compressor (Quantity: 2)**

S No	Description	Specification
1	Production (Per Hour)	300KG/H (On Granulated Material) 10% $\pm$ actual production may vary; depends on the combination of raw material.
2	Finished Goods Diameter	40mm
3	Finished Goods Shape	Cylindrical

4	Briquettes Length	80mm to 220mm
5	Raw Material In-feed size	Granulated Material Only, If it is bigger than then it
6		should be chopped down
7	Raw Material Required Moisture	Acceptable moisture in raw material for briquetting is 8-13%
8	Power Required	23HP / 17.25KW
9	Machine R.P.M	280

#### **Spare Parts and Consumables (for two sets of machines and for 1 year)**

- and Caller : 2 Pcs
- Pcs
- Pcs
- Pcs
- 2 Pcs
- Tool Kit: 2 Pcs
- Tape Die
- Split Die: 2
- Ram: 2
- Tikki: 2
- Tikki Bolt:
- Machine

#### **Note:**

- It is core responsibility of bidder to understand the site before bidding and make sure arrangement being provided by Government of Malawi.
- Any, remaining parts such as: Base for Machines, Sheds, Electrical Wire, Water Pipeline or any kind of additions / changes / modifications required would be responsibility of bidder only
- This is responsibility of bidder to arrange all parts for installation which is not covered by local government to be locally done within given timeline.
- Bidder has to make arrangement to provide services / spare parts for all quoted machines to run machines atleast for 40 hours a peak. It can be done by visit of engineer or setting up a local officer or by availing spare parts in advance.

**END OF SECTION V**



## **Annexure – I**

(On Bidder Letter Head & to be signed by MD/ CEO/ Proprietor)

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720

Dear Sir,

Subject: **Authorization to sign the bid document**

This has a reference to your tender no. ....	dated .....	for setting up of Business Incubation in
Mponela, Malawi.		
It is hereby confirmed that, Sh./ Smt. ....	working as .....	is entitled to act on behalf of our

corporation/Bidder/ firm/organization and empowered to sign this document as well as such other documents, which may be required in this connection.

The specimen signature of Sh./ Smt..... is as given below.

(Signature 1)

(Signature 2)

I, ....., certify that I am <designation> of <Bidder>, and that Sh./ Smt..... whose specimen signatures are given above is authorized to bind the corporation by authority of its governing body.

For M/s \_\_\_\_\_ (Name of the bidder)

Signature & Bidder seal

Name

Designation

Email

Mobile No.

## ***Annexure – II***

(On Bidder Letter Head)

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751–2449720

Dear Sir,

Subject:       **Bid Form**

This has a reference to your tender no. .... dated ..... for setting up of  
Business Incubation Center in Mponela, Malawi.

- Having examined the 'Invitation for Bids', 'Instructions to Bidders' 'Special Conditions of Contract', 'Technical Compliance Document', 'Schedule of Requirements' and the Annexure for the above referred tender, we the undersigned offer to supply, install & commission and guarantee the whole of the said 'Scope of Work' in conformity with the said Special Conditions of Contract and Technical Specifications for the sum mentioned in Commercial Bid submitted separately, or such other sum as may be ascertained in accordance with the conditions. The details of the items/ services for which we have submitted our Technical Bid and for which we have quoted the rates in our Financial Bid are given in required formats.
- We have independently considered each and every clause of this tender document and given our informed consent to them.
- We undertake, if our Bid is accepted, we shall commence the supply of items/ services/ manpower as per delivery schedule offered by us so as to fulfil our obligations as per this Tender Document to full satisfaction of purchaser.
- If our Bid is accepted we will furnish a **Bank Guarantee** of **10%** order value with a validity of **22months** to cover delivery, installation & warranty period for the IT Infrastructure.
- We have independently considered the amount shown in 'Special Conditions of Contract' as per-estimated liquidated damages and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the work not being completed in time.
- We agree to abide by this Bid for a minimum period of **180 days** from the date of opening and it shall be remain binding upon us and may be accepted at any time before the expiration of that period or any extended period mutually agreed to.

- This bid, together with any further clarification/ confirmation given by us and your written acceptance thereof, shall constitute a binding contract between us.
- We understand that you are not bound to accept the lowest or any offer you may receive against this bid.
- If our Bid is accepted, we understand that we are to be held solely responsible for the due performance of the Contract.
- All enclosures and relevant documents forming a part of the proposal are complete and attached herewith duly verified by officials authorized to do the same. All documents submitted are genuine and if IIITM finds that we have submitted any forged document, IIITM may reject our bid; forfeit the EMD/ BG and take stringent action against us as per Government of India guidelines.
- We accept that all doubts, concerns or ambiguity in the tender document (if any) would be uploaded by us on CPP Portal before the pre-bid meeting. If we raise any doubt, concerns, ambiguity issues, interpretation issues, after the Pre-Bid meeting, IIITM may not consider the request or reply.
- We will accept IIITM's internal technical and financial evaluation procedure and will not interfere in the process after submission of the bid. We shall not deviate from the bid process and not try to stall the process; if do so, IIITM may take stringent action against us.
- We undertake that our Bidder is not under the declaration of ineligibility for corrupt & fraudulent practices. We also undertake that our Bidder has not been blacklisted by any Government entity in India/ abroad till today. 14. We will follow all guideline mentioned in the tender documents. For M/s \_\_\_\_\_ (Name of the bidder)

Signature & Bidder seal

Name  
Designation  
Email

Mobile No.

## ***Annexure – III***

(On Bidder Letter Head)

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720

Dear Sir,

Subject:       **Declaration Letter**

This has a reference to your tender no. .... dated ..... for setting up  
Business Incubation Center (BIC) in Mponela, Malawi.

We confirm that the Incubation Infrastructure that shall be supplied for BIC, Malawi will not be refurbished/ duplicate or acquired illegally in India/ third country. We undertake, if our bid is accepted, we will submit a letter from OEM endorsing that the equipment are brand-new at the time of supply and before the issuance of FDCC.

The details of all the OEMs, make & model with detail technical specifications is offered in our technical bid for items viz. All types of juice and pulp making machines, packing, briquetting, composte machines and stones polishing and cutting machines. If IIITM find that any information/ details submitted by us is incorrect, IIITM may black list us and forfeit the EMD/ take stringent action against us as per Government of India guidelines.

By signing this declaration letter we accept all terms and conditions specified in the tender document and agree that IIITM's decision will be final and binding on us.

For M/s \_\_\_\_\_ (Name of the bidder)

Signature & Bidder seal

Name

Designation  
Email  
Mobile No.

## ***Annexure – IV***

(On Bidder Letter Head)

Date:.....

Tender

No.:.....

To

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720

Dear Sir,

**Sub: Undertaking to the effect that onsite support during the warranty in Malawi will be provided by <Bidder Name> through its own Branch Office/ Service Centre/local partner**

This has a reference to your tender no. .... dated ..... for setting up of Business Incubation Center in Mponela, Malawi.

We undertake to provide the onsite support in Malawi during the period of warranty through our own Branch Office/ Service Centre/ local partner or In case <Bidder Name> has any other mechanism to provide support and services for warranty period, please specify the mechanism

<Bidder Name> has to provide details viz. Name, Address, Contact Person, Telephone/ Fax, mail etc. of our own Branch Office/ Service Centre/ local partner along with an undertaking from the local dealer/ service provider (if applicable) will be submitted by <Bidder Name> before the placement of supply order by IIITM.,

For M/s \_\_\_\_\_ (Name of the bidder)

Signature & Bidder seal

Name  
Designation

Email  
Mobile No.

## ***Annexure – V***

### **PERFORMA FOR BANK GUARANTEE TOWARDS EMD**

(on non-judicial paper of appropriate value)

Bank Guarantee No. Dated: To

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720

Dear Sir(s),

Whereas the Indian Institute of Information Technology and Management, Morena Link Road, Gwalior, Madhya Pradesh – 47015, India (hereinafter called the IIITM) which expression shall, unless repugnant to the context or the IIITM thereof, include all its successors, administrators, executors and assignees has invited tender No. \_\_\_\_\_ and M/s \_\_\_\_\_ having Registered/head office at \_\_\_\_\_ (hereinafter called the "Bidder" which expression shall, unless repugnant to the context or the IIITM thereof, IIITM and include all its successors, administrators executors and assignees) have submitted a quotation Reference No. \_\_\_\_\_ and Bidder having agree to furnish as a conditions precedent for participation in tender as unconditional and irrevocable bank guarantee of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_ only) for the due performance of

Bidder's obligations as contained in the terms of the Notice inviting tender and other terms and conditions contained in the tender Documents supplied by the IIITM specially the conditions that (a) bidder shall keep his bid open for a period of day i.e. from \_\_\_\_\_ to \_\_\_\_\_ or any extension thereof, and shall not withdraw or modify it in a manner not acceptable to the IIITM (b) the Bidder will execute the contract, if awarded, and shall furnish performance guarantee in the format prescribed by the IIITM within the required time. The Bidder has absolutely and unconditionally accepted these conditions. The IIITM and the Bidder have agreed that tender document is an offer made on the condition that the bids, if submitted would be kept open in its original form without variation or modification in a manner not acceptable to the IIITM for a period of \_\_\_\_\_ days i.e. from \_\_\_\_\_ to \_\_\_\_\_ or any, extension thereof and that submission of the bid itself shall be regarded as an unconditional and absolute acceptance of the conditions, contained in the tender documents. They have further agreed that the contract consisting of tender documents as the OFFER and submission of the bids as the ACCEPTANCE shall be a separate contract distinct from the contract, which will come into existence when the bid is finally accepted by the IIITM. The consideration for this separate initial contract preceding the main contract is that the IIITM is not agreeable to sell the tender documents to the Bidder and to consider the tender to be made except on the condition that the bids shall be kept open for the period indicated above and the Bidder desires to submit bid on this condition after entering into this separate initial contract with the IIITM promises to consider the tender on this condition and Bidder agrees to keep this bid open for the required period. These reciprocal

promises form the CONSIDERATION for this separate initial contract between the parties.

- Therefore, we \_\_\_\_\_ registered (indicate the name of Bank) under the laws of \_\_\_\_\_ having head/registered office at (hereinafter referred to as the "Bank") which expression shall, unless repugnant to the context or IIITM thereof, include all its successors, administrators and executors hereby issue irrevocable and unconditional bank guarantee and undertake to pay immediately on first demand in writing Rupees all money to the extent of Rs \_\_\_\_\_

(Rupees \_\_\_\_\_ only) at any time immediately on such demand without any demur, reservations, recourse, contest or protest and/ or without any reference to the Bidder and any such demand made by the IIITM on the bank shall be conclusive and binding notwithstanding any difference between the IIITM and the Bidder or any dispute pending before any court/arbitrator or any other matter whatsoever. We also agree to give that Guarantee herein the IIITM in writing. This guarantee shall not be determined/discharged/affected by the liquidation, winding up, dissolution or insolvency of the Bidder and will remain valid, binding and operative against the bank.

- The bank also undertakes that the IIITM at the option shall be entitled to enforce this guarantee, against the Bank as a principal debtor, in the first instance, without proceeding against the Bidder.
- The bank further agree that as between the bank and the IIITM, purpose of the guarantee, any notice of the breach of the terms and conditions contained in the bid Documents as referred above given to the bank by the IIITM shall be conclusive and binding on Bank, without any proof, notwithstanding any other matter or difference or dispute whatsoever. We further agree that this guarantee shall not be *affected* by any change in our constitution, in the constitution of the IIITM or that of the Bidder. We also undertake not to revoke, in any case, this Guarantee during its currency.
- The bank agree with the IIITM that the IIITM shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms of the tender or get extension of the validity period from time to time. We shall not be relieved from our liability by reason of any such variation or extension of the validity period or for any forbearance, act of omission and commission on the part of the IIITM or any indulgence shown by the IIITM to the said Bidder or by any such matter or thing whatsoever which under the law relating to sureties, would, but for this provision, have the effect of so relieving us.
- Notwithstanding anything contained here in above our liability under his Guarantee is limited to Rs.

\_\_\_\_\_ (Rupees \_\_\_\_\_ only) in aggregate and it shall remain in full force up to \_\_\_\_\_ (225 days from the date of bid opening) unless extended further from time to time, for such period as may be instructed in writing by M/s \_\_\_\_\_ on whose behalf this guarantee has been given, in which case, it shall remain in full force up to the expiry of extended period. Any claim under this guarantee must be received by us before \_\_\_\_\_ (date of expiry of validity period) or before the expiry of extended period, if any. If no such claim is received by us within the said date/extended date, the rights of the IIITM under this

guarantee will cease. However, if such a claim has been received by us within and upto the said date/extended date, all right of the IIITM under this guarantee shall be valid and shall not cease until we have satisfied that claim.

In case contract is awarded to the Bidder here in after referred to as "Contractor" the validity of this Bank Guarantee will stand automatically extended until the Bidder furnished to the IIITM a bank guarantee for requisite amount towards performance guarantee for satisfactory performance of the contract. In case of failure to furnish performance bank Guarantee in the format prescribed by the IIITM by the required date the claim must be submitted to us within validity period or extended period, if any. If no such claim has been received by us within the said date /extended date, rights, of the Ministry under this guarantee will cease. However if such a claim has been received by us within the said date/extended date all rights of the IIITM under this guarantee shall be valid and shall not cease until we have satisfied that claim,

In witness where of the Bank, through its authorised officer, has sent its hand & stamp on this \_\_\_\_\_ day of at \_\_\_\_\_ of \_\_\_\_\_ at \_\_\_\_\_ of \_\_\_\_\_ (month & year).

Signature

(Full  
name in  
capital  
letters)  
Designati  
on with  
bank  
stamp

(Full name and address in capital letters)

W

(Full name and address in capital letters)

Attorney as per power of attorney

No -----  
Date -----



## ***Annexure – VI***

### **PROFORMA FOR BANK GUARANTEE TOWARDS PERFORMANCE GUARANTEE**

(on non-judicial paper of appropriate value)

Dated:

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720

#### **BANKS GUARANTEE NO:**

Dear Sir(s),

This has reference to the Supply Order No. \_\_\_\_\_ dated \_\_\_\_\_ placed by Indian Institute of Information Technology & Management (IIITM), New Delhi on M/s \_\_\_\_\_ for supply, installation, commissioning and warranty of machines for setting up of Business Incubation Center in Mponela, Malawi.

The conditions of this order provide that the vendor shall,

- Arrange to deliver the items listed in the said order to the consignee, as per details given in said order, and
- Arrange to install and commission the items listed in said order at client's site, to the entire satisfaction of IIITM and
- Arrange for the comprehensive warranty service support towards the items supplied by vendor on site in Malawi as per the warranty clause in said purchase order.

M/s \_\_\_\_\_ has accepted the said purchase order with the terms and conditions stipulated therein and have agreed to issue the performance bank guarantee on their part, towards promises and assurance of their contractual obligations vide the Supply Order No. \_\_\_\_\_ on M/s. \_\_\_\_\_ holds an account with us and has approached us and at their request and in consideration of the promises, we hereby furnish such guarantees as mentioned hereinafter.

IIITM shall be at liberty without reference to the Bank and without affecting the full liability of the Bank hereunder to take any other undertaking of security in respect of the suppliers obligations and / or liabilities under or in connection with the said contract or to vary the terms vis-a-vis the supplier or the said contract or to grant time and or indulgence to the supplier or to reduce or to increase or otherwise vary the prices or the total contract value or to forebear from enforcement of all or any of the obligations of the supplier under the said contract and/or the remedies of IIITM under any security (ies) now, or hereafter held by IIITM and no such dealing(s) with the supplier or release or forbearance whatsoever shall have the effect of releasing the bank from its full liability of

IIITM hereunder or of prejudicing right of IIITM against the bank.

This undertaking guarantee shall be a continuing undertaking guarantee and shall remain valid and irrevocable for all claims of IIITM and liabilities of the supplier arising up to and until \_\_\_\_\_.

This undertaking guarantee shall be in addition to any other undertaking or guarantee or security whatsoever that IIITM may now or at any time have in relation to its claims or the supplier's obligations/liabilities under and/ or in connection with the said contract and IIITM shall have the full authority to take recourse to or enforce this undertaking guarantee in preference to the other undertaking or security (ies) at its sole discretion and no failure on the part of IIITM in enforcing or requiring enforcement of any other undertaking or security shall have the effect of releasing the bank from its full liability hereunder.

We \_\_\_\_\_ hereby agree and irrevocably undertake and promise that if in your (IIITM's) opinion any default is made by M/s \_\_\_\_\_ in performing any of the terms and/or conditions of the agreement or if in your opinion they commit any breach of the contract or there is any demand by you against M/s \_\_\_\_\_, then on notice to us by you, we shall on demand and without demur and without reference to M/s \_\_\_\_\_, pay you, in any manner in which you may direct, the amount of Rs. \_\_\_\_\_/- ( Rupees \_\_\_\_\_

Only ) or such portion thereof as may be demanded by you not exceeding the said sum and as you may from time to time require. Our liability to pay is not dependent or conditional on your proceeding against M/s \_\_\_\_\_ and we shall be liable & obligated to pay the aforesaid amount as and when demanded by you merely on an intimation being given by you and even before any legal proceedings, if any, are taken against M/s \_\_\_\_\_. The Bank hereby waives all rights at any time inconsistent with the terms of this undertaking guarantee and the obligations of the bank in terms hereof shall not be anyway affected or suspended by reason of any dispute or disputes having been raised by the supplier (whether or not pending before any arbitrator, Tribunal or Court) or any denial of liability by the supplier or any order or any order or communication whatsoever by the supplier stopping or preventing or purporting to stop or prevent payment by the Bank to IIITM hereunder.

The amount stated in any notice of demand addressed by IIITM to the Bank as claimed by IIITM from the supplier or as suffered or incurred by IIITM on the account of any losses or damages or costs, charges and/or expenses shall as between the Bank and IIITM be conclusive of the amount so claimed or liable to be paid to IIITM or suffered or incurred by IIITM, as the case may be and payable by the Bank to IIITM in terms hereof.

You (IIITM's) shall full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with the said M/s \_\_\_\_\_ and to enforce or to forbear from endorsing any power or rights or by reason of time being given to the said M/s \_\_\_\_\_ which under law relating to the sureties would but for the provisions have the effect of releasing us.

You will have full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with the said M/s \_\_\_\_\_ and to enforce or to forbear from endorsing any power or rights or by reason of time being given to the said M/s. \_\_\_\_\_ which under law relating to the sureties would but for the provisions have the effect of releasing us.

Your right to recover the said sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) from us in manner aforesaid will not be affected/or suspended by reason of the fact that any dispute or disputes have been raised the said M/s \_\_\_\_\_ and/ or that any dispute or disputes are pending before any officer, tribunal or court or Arbitrator.

The guarantee herein contained shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the said M/s. \_\_\_\_\_ but shall in all respects and for all purposes be binding and operative until payment of all dues to IITM in respect of such liability or liabilities.

Our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees

\_\_\_\_\_ Only). Our guarantee shall remain in force until unless a suit action to enforce a claim under guarantee is filed against us within three months from (which is date of expiry of guarantee) all your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

We have power to issue this guarantee in your favour under Memorandum and Articles of Association of our Bank and the undersigned has full power to do under the power of Attorney dated.

Notwithstanding anything contained herein:

- Our liability under this guarantee shall not exceed Rs \_\_\_\_\_ (in words)
  - This bank guarantee shall be valid up to \_\_\_\_\_ & unless a suit for action to enforce a claim under guarantee is filed against us within three months from the date of expiry of guarantee. All your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there after i.e. after three months from the date of expiry of this Bank guarantee
  - We are liable to pay the guaranteed amount or any parts thereof under this bank guarantee only and only if you serve upon us a written claim or demand on or before \_\_\_\_\_
  - The Bank guarantee will expire on \_\_\_\_\_
- granted by the Bank Yours faithfully,

For (Name of Bank)

SEAL OF THE BANK  
Signatory

Authorised

## Annexure – VII

(On Bidder Letter Head)

### CHECK LIST

S No	Description	Details	Attached (Yes / No)
1	Bidder need to submit a covering page mentioning in which all packages bidder is participating and sequencing of documents for each and every page with page number.		
2	Name and Address of the bidder & its consortium partners (clearly marked with separators) and its incorporation details( e.g. copy of MOA and AOA )		
3	Tender Fee Details. Demand Draft for Rs. 2000/- (Rupees Two Thousand only) drawn on any Nationalized/ Scheduled Bank, in favour of 'Director, ABV-IIITM, Gwalior'. Tender fee need to paid once only for a bidder to participate in one or more than one package		
4	Earnest Money Deposit (please refer to section II; Point 3.a for complete details and amount)		
5	Duly filled Technical Bid with proper seal and signature of authorized person on each page of the bid submitted. Certificate of authority should be scanned and submitted as per format given at Annexure I.		
6	Both bidder and its consortium partners need to provide copy of Supply Orders for / Contracts/ Agreements for similar work, executed by the bidders in last 5 (five) years ending December 31, 2016 along with the work orders / letter of award / completion certificate duly issued by the end user.  Copy of the purchase order and work completion report duly notarized along with contact details of the end user. For details of work orders and turnover and other necessary documentation please refer to section II; point 3.c for complete details and amount. Make sure to categorize describe in technical bid for how many packages bidder is participating with sequencing of page numbers		

<b>7</b>	Both Bidder and its consortium partner need to provide GST number and PAN number		
<b>8</b>	Last three financial years annual turn Over. For turnover details Bidder & consortium partner need to refer to point 3.c for complete details.		
<b>9</b>			
<b>10</b>	Bid Form by the bidder as per format given at Annexure II		
<b>11</b>	Technical Compliance Document in the form of Tech_Comp_Doc.pdf with detailed technical specification, make, model and cross reference compliance with the data sheets or OEM Compliance (please refer to Annexure VIII)		
<b>12</b>	Declaration by the bidder as per format given at Annexure III		
<b>13</b>	Undertaking to the effect that the bidders have its own Branch Office/ Service Centre in Mponela, Malawi or arrangement to provide onsite support through local dealer/ service provider as per format given at Annexure IV		
<b>14</b>	Bidder also need to attach a signed blank copy of BOQ BIC Malawi.xls along with other essential documents. Please refer Annexure IX for the format of blank BOQ.		
<b>15</b>	Annexure X		
<b>16</b>	Annexure XI		
<b>15</b>	It is responsibility of bidder to attach all relevant documents apart from mentioned above		

Thanking you,

Sincerely yours,

For M/s \_\_\_\_\_ (Name of the bidder)

Signature & Bidder seal

Name

Designation  
Email

Mobile No.

### **Annexure – VIII**

(On Bidder Letter Head)

#### **Technical Compliance Sheet**

(Bidder need to put “Yes” in compliance column only when 100% compliant as per specification mentioned Section – V; else need to mention deviation specifically in remarks column. Bidder need to provide sufficient data sheets of products also to justify compliance)

<b>Technical Compliance Sheet</b>			
<b>Tomato Ketchup Plant</b>			
<b>S.No</b>	<b>DESCRIPTION</b>	<b>Compliance</b>	<b>Remarks</b>
		<b>Yes or No</b>	
1	ROTARY FRUIT & VEGETABLE WASHING MACHINE		
2	FRUIT CRUSHER		
3	JUNIOR PULPER		
4	STEAM JACKETED KETTLE		
5	GLASS BOTTLE Washing Machine		
6	SINGLE HEAD PENUMATIC FILLER		
7	CROWN CORKING MACHINE		
8	SHRINK TUNEL		
9	BAND SEALER		
10	AUTOMATIC FORM FILL SEAL MACHINE		
11	Air Compressor		
12	STEAM VERTICAL BOILER:100 KGS./HRS		
13	ALL OTHER REMAINING COMPONENTS OF MACHINES OF PLANT (refer technical specification sheet for remaining components)		
<b>Mango Pulp Processing Plant</b>			
<b>S.No</b>	<b>DESCRIPTION</b>	<b>Compliance</b>	<b>Remarks</b>

		Yes or No	
1	ROLLER TYPE FRUIT & VEGETABLE WASHING MACHINE		
2	TWIN PULPER		
3	STEAM JACKETTED KETTLE		
4	PS-EMPTY CANS WASHER & STERLIZER		
5	CAN DOUBLE SEAMER		
6	CANNING RETORT VERTICAL		
7	COOLING TANK		
8	ROTARY FLAT CAN BODY REFORMER		
9	HAND FLANGER		
10	DOUBLE SEAMER		
11	TREADLE LID EMBOSSING MACHINE		
12	ROUND CAN BODY BEADER		
13	STEAM VERTICAL BOILER:400 KGS./HRS		
14	ALL OTHER REMAINING COMPONENTS OF MACHINES OF PLANT (refer technical specification sheet for remaining components)		
<b>Cassava Powder Processing Plant</b>			
S.No	DESCRIPTION	Compliance	Remarks
		Yes or No	
1	ROLLER TYPE FRUIT & VEGETABLE WASHING MACHINE:		
2	CASSAVA SLICER		
3	HYDROEXTRACTOR		
4	TRY DRAYER		
5	PULVERIZER		
6	VIBROSIFTER		
7	SCREW FEEDER		
8	AUGER FILLER		
9	BAND SEALER		
10	ALL OTHER REMAINING COMPONENTS OF MACHINES OF PLANT (refer technical specification sheet for remaining components)		
<b>All In One – AUTOMATIC PACKAGING MACHINE</b>			
S.No	DESCRIPTION	Compliance	Remarks
		Yes or No	

1	FULLY AUTOMATIC FORM FILL SEAL MACHINE		
<b>GEMS &amp; STONES CUTTING &amp; POLISHING MACHINES</b>			
S.No	DESCRIPTION	Compliance	Remarks
		Yes or No	
1	Assortment Working Station		
2	Trim saw machine		
3	Pre-shaping machine		
4	Universal calibration machine		
5	Faceting & polishing machine unit		
6	Cabochon polishing machine		
7	Vibrator polisher		
8	Ultra sonic drilling machine		
9	Grading station		
10	Gemstone Testing machines		
11	Electronic weighing machine (digital display) :		
12	Working table		
13	Inspection tools kit		
14	Working Tools		
<b>Organic Waste to Composte Plant</b>			
S.No	DESCRIPTION	Compliance	Remarks
		Yes or No	
1	Organic waste to composte convertor		
<b>Briquetting Plant</b>			
S.No	DESCRIPTION	Compliance	Remarks
		Yes or No	
1	Dryer		
2	Grinder		
3	Briquetting Compressor		



## Annexure – IX

(On Bidder Letter Head)

### BOQ BIC Malawi

(Bidder need to sign and submit blank copy of BOQ along with other essential documents asked above in check list)

<b>Bidding Sheet for Business Incubation Center</b> <b>(Inclusive of all Taxes, Transportation and all other kind of charges In INR)</b>				
<b>Tomato Ketchup Plant</b>				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	ROTARY FRUIT & VEGETABLE WASHING MACHINE	2		
2	FRUIT CRUSHER	2		
3	JUNIOR PULPER	2		
4	STEAM JACKETED KETTLE	2		
5	GLASS BOTTLE Washing Machine	2		
6	SINGLE HEAD PNEUMATIC FILLER	2		
7	CROWN CORKING MACHINE	2		
8	SHRINK TUNEL	2		
9	BAND SEALER	2		
10	AUTOMATIC FORM FILL SEAL MACHINE	2		
11	Air Compressor	2		
12	STEAM VERTICAL BOILER:100 KGS./HRS	2		
13	ALL OTHER REMAINING COMPONENTS OF MACHINES OF PLANT (refer technical specification sheet for remaining components)	2		
14	As mentioned consumables & Spare parts	1		
<b>Mango Pulp Processing Plant</b>				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	ROLLER TYPE FRUIT & VEGETABLE WASHING MACHINE	2		
2	TWIN PULPER	2		
3	STEAM JACKETED KETTLE	2		
4	PS-EMPTY CANS WASHER & STERILIZER	2		

5	CAN DOUBLE SEAMER	2		
6	CANNING RETORT VERTICAL	2		
7	COOLING TANK	2		
8	ROTARY FLAT CAN BODY REFORMER	2		
9	HAND FLANGER	2		
10	DOUBLE SEAMER	2		
11	TREADLE LID EMBOSSEING MACHINE	2		
12	ROUND CAN BODY BEADER	2		
13	STEAM VERTICAL BOILER:400 KGS./HRS	2		
14	ALL OTHER REMAINING COMPONENTS OF MACHINES OF PLANT (refer technical specification sheet for remaining components)	2		
15	As mentioned consumables & Spare parts	1		
<b>Cassava Powder Processing Plant</b>				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	ROLLER TYPE FRUIT & VEGETABLE WASHING MACHINE:	2		
2	CASSAVA SLICER	2		
3	HYDROEXTRACTOR	2		
4	TRY DRAYER	2		
5	PULVERIZER	2		
6	VIBROSIFTER	2		
7	SCREW FEEDER	2		
8	AUGER FILLER	2		
9	BAND SEALER	2		
10	ALL OTHER REMAINING COMPONENTS OF MACHINES OF PLANT (refer technical specification sheet for remaining components)	2		
11	As mentioned consumables & Spare parts	1		
<b>All In One – AUTOMATIC PACKAGING MACHINE</b>				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	FULLY AUTOMATIC FORM FILL SEAL MACHINE	2		
2	As mentioned consumables & Spare parts	1		

GEMS & STONES CUTTING & POLISHING MACHINES				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	Assortment Working Station	2		
2	Trim saw machine	2		
3	Pre-shaping machine	2		
4	Universal calibration machine	2		
5	Faceting & polishing machine unit	2		
6	Cabochon polishing machine	2		
7	Vibrator polisher	2		
8	Ultra sonic drilling machine	2		
9	Grading station	2		
10	Gemstone Testing machines	2		
11	Electronic weighing machine (digital display) :	2		
12	Working table	2		
13	Inspection tools kit	2		
14	Working Tools	2		
15	As mentioned consumables & Spare parts	1		
Organic Waste to Composte Plant				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	Organic waste to composte convertor	2		
2	As mentioned consumables & Spare parts	1		
Briquetting Plant				
S.No	DESCRIPTION	Quantity	Unit Price (In INR)	Total Price (In INR)
1	Dryer	2		
2	Grinder	2		
3	Briquetting Compressor	2		
4	As mentioned consumables & Spare parts	1		

## ***Annexure – X***

(Undertaking On Bidder Letter Head)

Date:.....

Tender

No.:.....

To

The Registrar

Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751–2449720

Dear Sir,

**Sub: Confirmation of consortium partner and participation in package**

This has a reference to your tender no. .... dated ..... for setting up of  
Business Incubation Center in Mponela, Malawi.

<Bidder Name>; We as an bidder confirm that we have a consortium partner <name of  
consortium partner> for<package X>. Also we confirm that we will not change the  
consortium partner during or after the bid during complete project period. Change in any  
partner will lead us to disqualify from project immediately.

Thanking you,

Thanking you,

For M/s \_\_\_\_\_  
(Name of the bidder)  
Partner)

For M/s \_\_\_\_\_  
(Name of the Consortium  
Partner)

Signature & Bidder seal of Bidder  
Consortium partner

Signature & Bidder seal of

Bidder:

Consortium Partner:

Name  
Designation

Name:  
Designation:

Email  
Mobile No.

Email:  
Mobile No:

## ***Annexure – XI***

(Undertaking On Bidder Letter Head)

Date:.....

Tender

No.:.....

To

The Registrar  
Indian Institute of Information Technology and  
Management  
Morena Link Road, Gwalior

Madhya Pradesh – 47015, INDIA  
Tel No.: +91-751-2449720

Dear Sir,

**Sub: Confirmation of non participation of Consortium Partner as a Bidder**

This has a reference to your tender no. .... dated ..... for setting up of  
Business Incubation Center in Mponela, Malawi.

*<Bidder Name>; we as an bidder confirm that our consortium partner <name of consortium partner> for<package X> is not bidding himself as a bidder in this project .*

*<Consortium partner name>; We as a consortium partner confirm that we will not participate as a bidder in this project in any respect.*

We both (Bidder and consortium partner(s)) abide to and confirm that if consortium partner is found to be *bidding himself as a bidder in this project*, both of us will be disqualified from project immediately.

Thanking you,

Thanking you,

For M/s \_\_\_\_\_  
(Name of the bidder)  
Partner)

For M/s \_\_\_\_\_  
(Name of the Consortium

Signature & Bidder seal of Bidder  
Consortium Partner

Signature & Bidder seal of

Bidder:

Consortium Partner:

Name  
Designation

Name:  
Designation:

Email  
Mobile No.

Email:  
Mobile No: