

Inviting sealed quotations from authorized firms/suppliers for Supply, Delivery, Assembly, Installation and training thereof various machineries and equipments for Cane & Bamboo based furniture & utility product cluster at (Noney, Duilon, Guangram & Tamenglong village) in Noney & Tamenglong District, Manipur under SFURTI Project

Tender No- SFURTI- MSME/RNBA/Mach/2020-21/02

Implementing Agency (IA):



Rongmei Naga Baptist Association (RNBA), Imphal

Volume I – General Conditions of Contract(GCC)

Nodal Agency(NA):



Indian Institute of Entrepreneurship, Guwahati

Technical Agency(TA):

SCHOOLNET
Schoolnet India Limited

Schoolnet India Ltd.

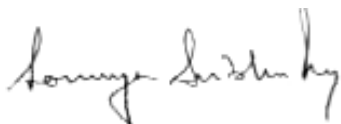
Signature of Secretary

Secretary
Development & Relief Department
Rongmei Naga Baptist Association

Signature of Schoolnet India Ltd.

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Notice Inviting Tender

RNBA

RNBA is a registered Organization (Implementing Agency) working in collaboration with IIE, a Nodal Agency and Schoolnet India Ltd as the Technical Agency for Cane & Bamboo Furniture & Utility product Cluster , Tamenglong, Manipur under the SFURTI Scheme, Ministry of MSME. The interested parties may submit the sealed quotation affixing court fee stamps of Rs. 8.25 (Rupees eight and twenty five paise only) in prescribed format from authorized and registered firms, registered with Government Organization for the following works at Cane & Bamboo Furniture & Utility product Cluster , Noney & Tamenglong, (Manipur).

Tender No - SFURTI- MSME/RNBA/Machineries/2020-21/02

Dated 11/11/2020.

| Brief Description of the Works | Estimated value of works (Rs.in lakhs) | Earnest money (Rs. in lakhs) | Cost of Tender document (in Rs) | Mode of Payment | Period of Downloading, Submission & Opening of Tender box |
|--|--|------------------------------|---------------------------------|--|--|
| Inviting Firms/suppliers for Supply, Delivery, Assembly, Installation and training thereof various machineries and equipments for Cane & Bamboo Furniture & Utility product Cluster , Noney&Tamenglong, (Manipur). (Noney, Duilon, Guangram, Tamenglong village)in Noney & Tamenglong District, Manipur under SFURTI Project | Rs 99.28 Lakhs | Rs 2,00,000/- | 1500/- | EMD Demand Draft- in favour of "Cane & Bamboo Furniture & Utility product Cluster, Noney & Tamenglong", payable at Imphal. | <p>Downloading from 11th November 2020.</p> <p>Submission- 23th November, 2020. Up to 13.00 Hours.</p> <p>Placing of Tender box-</p> <p>Placing: Development & Relief Department, RNBA, Langol Tarung, Imphal- 795004, Manipur.</p> <p>Opening of Tender: Indian Institute of Entrepreneurship (IIE), Guwahati. Near Games Village, Lalmati, Guwahati, Assam 781029, on 27th November, 2020 at 14.00 hours by Tender Evaluation Committee.</p> |

The detailed tender document can be downloaded from www.iietraining.org/ , www.rnba.in. The bidders are request to separately submit scanned soft copy/digital file of the Technical Bid to RNBA/IIE via e-mail (iiesfuri2@gmail.com, dimgongrongmei@gmail.com)

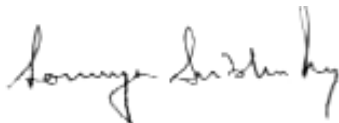
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(Dimgong Rongmei)
Secretary, RNBA

Place: Imphal.

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1. The Tender form/bidding document is attached in this document and can be used for the tender bidding process.
2. Bidders / bidders should submit their bids through Speed post/Courier and Hand delivery in the address: Development & Relief Department, RNBA, Langol Tarung, Imphal- 795004, Manipur.
3. Bidders / bidders are requested to visit the above website regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
4. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The RNBA reserves the right to accept or reject any or all the tenders.
5. All bidder is required to submit Earnest Money (EMD) which is refundable after selection of lowest bidder, in the form of a Demand Draft issued by a nationalized bank @ 2% of project cost (Rs 2,00,000/-). The EMD is to be in favour of "Cane & bamboo furniture & utility product Cluster, Noney & Tamenglong" payable at Imphal.
6. Bidders are required to submit Tender Document Fees Rs 1500/- in the form of a Demand Draft issued by a nationalized bank. The EMD is to be in favour of "RNBA" payable at Imphal. Please note that the tender fees is not refundable
7. **The Bidders are requested to submit scanned copy/ soft copy of their respective technical bid to RNBA/IIE Guwahati via e-mail (iiesfurti2@gmail.com, dimgongrongmei@gmail.com), apart from the hard copy of bid containing the EMD, Bid document Fees, Technical Bid and Financial Bid.**

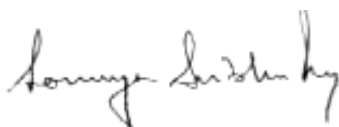
Sd/-

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Authorized Signatory

RNBA, Imphal: 795004



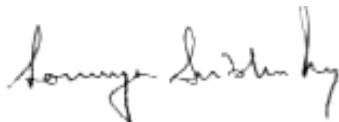
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NOTICE INVITING TENDERS

1. Tenders are invited from eligible and experienced Firms/Contractors for the work mentioned below:

- | | | |
|---|--|---|
| 1 | Name of the work | Supply, installation and commissioning of machinery's & equipment for cane & bamboo based furniture & utility products cluster at Tamenglong, Manipur |
| 2 | Estimate Contract value of work. | Rs. 99,27,170/- |
| 3 | Period of completion of work | One month |
| 4 | Form of contract / class of firms eligible, | Experience in supplying installation of Cane & Bamboo based machineries preferable Government approved firms with similar type of work in the North East Region of India |
| 5 | E.M.D to be paid by bidders in the shape of Demand Draft obtained from Nationalized Bank only. | @ 2% on estimated value, Rs 2,00,000/- |
| 6 | Issue of Tender Document | Tender documents can be down loaded from the Website www.iitraining.org/ , www.rnba.in from 10 th November 2020. |
| 7 | Last Date and time for submission of Tenders | 23 rd November 2020, 13:00 Hrs |
| 8 | Date and time of opening of Tenders. | 27 th November 2020 at 14:00 Hrs at IIE, Ghy. |

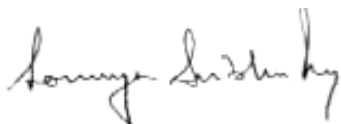


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2. Eligible Criteria for Selection of Bidder:

- a. Experience in supplying installation of at least one work in cane & bamboo based machineries preferable Government approved firms in similar type of Work at least for two years of experience in the North East Region.
- b. At least a single similar work (supply of cane & bamboo related machinery) of Rs 40 Lakhs or 2 works of Rs 60 Lakhs & above should have been carried out successfully in past 5 years.
- c. Bidders should have an Average Annual Turnover of Rs 40 Lakhs from supply business for past 3 financial years, Audited Balanced Sheets to be attached.
- d. Bidders should have a solvency of Rs. 40.00 Lakhs, Bank solvency certificates to be attached.
- e. The Bidders should not be blacklisted by any State/Central government or Private Organization, the bidder should be free from any past litigations, pending court case or criminal proceedings, an undertaking in this regard has to be submitted, failure to submit the undertaking shall cancel the bid
- f. The bidder should have a GSTIN registration, PAN, IT Return acknowledgement for past 2 years.
- g. The bidder should have experience of providing the post sales service.



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INSTRUCTIONS TO BIDDERS

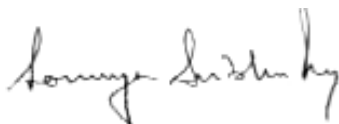
A – GENERAL

Introduction: RNBA as the Implementing Agency and Indian Institute of Entrepreneurship (IIE) as a Nodal Agency for the Cane & Bamboo based Furniture & utility product cluster under the SFRUTI project with an objective to strengthen traditional cane & bamboo based industries in terms of productivity, competitiveness and sustainability. In this context, Supplying, installation and commissioning of cane & bamboo based machineries and equipments to be delivered in the target area (Noney & Tamenglong district at Noney, Duilon, Guangram and Tamenglong village). The tender is invited from experienced authorized registered firms for Supplying, installation and commissioning of cane and bamboo based machineries and equipments.

1. Name and scope of works:

Brief details of works as follows:

- | | | |
|---|---|--|
| A | Brief description and location of works | Supplying, installation and commissioning of cane & bamboo based machineries and equipments at Noney, Duilon, Guangram and Tamenglong village, under Noney & Tamenglong District, Manipur. |
| B | Scope of works | Supplying, installation and commissioning of Cane & bamboo based machineries and Equipments |
| C | Period of completion of works | One month |
| D | RNBA, Imphal has invited tenders from the bidders to be valid for the One month from the date of issue of work order. | |
| E | The shortlisted bidder quoting the lowest has to furnish a performance security, at the time of signing of agreement, issued by a nationalized bank in the form of a Bank Guarantee/ FDR@10% of quoted amount with a validity of 90 days from the date of completion of work. | |
| F | The successful bidders have to complete the works within the specified period of time. | |



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2. Eligible Criteria for Selection of Tender:

- Experience in supplying installation of at least one work of cane and bamboo machineries preferable Government approved firms Similar type of Work at least for two years of experience in supplying and installation of cane and bamboo machineries in the North East Region especially in Manipur
- At least one similar work of supplying installation of cane and bamboo machineries /project has been completed successfully
- Bidders should have completed project not less than Rs. 40 lakh's

3. Qualification data of the Bidders

- The Bidder shall furnish the following particulars in the formats enclosed, supported by documentary evidence as specified in the formats.
- Check slip to accompany the tender.
- Proof of documents relating to experience in the similar type of works in installation of cane and bamboo machineries preferably Government approved firms.
- Even though the Bidders meet the above qualifying criteria, they are liable to be disqualified/ debarred / suspended / blacklisted if they have Furnished false/fabricated particulars in the forms, statements and annexure submitted in proof of the qualification requirements and/or Not turned up for entering into agreement, when called upon.
- Record of poor progress such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc. and/or Even while execution of the work, if found that the work was awarded to the Contractor based on false / fake certificates of experience, the Contractor will be blacklisted and work will be taken over invoking relevant standard rules of GOI.
- If the rate quoted by a Bidder is found to be either abnormally high or within the permissible ceiling limits prescribed but under collusion or due to unethical practices adopted at the time of tendering process, such tenders shall be rejected.
- A Bidder submitting a Tender which the tender accepting authority considers excessive and or indicative of insufficient knowledge of current prices or definite attempt of profiteering will render him liable to be debarred permanently from tendering or for such period as the tender accepting authority may decide.
- Price quoted will be inclusive of freight/ transportation, taxes, charges, duty, transit insurance and installation, commissioning & Trial run.

4. One Tender per Bidder:

- Each Bidder shall submit only one Tender for the work. A Bidder who submits more than one Tender will cause disqualification of all the Tenders submitted by the Bidder.
- Each bidder shall submit technical and financial bid in separate sealed envelope.

5. Cost of Tendering

- The Bidder shall bear all costs associated with the preparation and submission of his Tender and the tender inviting authority will in no case be responsible and liable for those costs.

6. Site Visit:

- Supplying, installation and commissioning of cane and bamboo based machineries and equipments at Noney, Duilon, Guangram and Tamenglong village, at Noney & Tamenglong District, Manipur. The bidders may conduct site visits on their own before submitting their financial quotes.

TENDER DOCUMENT

7. Content of Tender document:

One set of tender document consist of the followings:

- 7.1.1. Notice Inviting Tenders (NIT)
- 7.1.2. Instruction to Bidders
- 7.1.3. Forms of Tender and qualification information
- 7.1.4. Conditions of Contract.
- 7.1.5. Specifications.
- 7.1.6. Forms of Securities. i.e., EMD, Additional Security etc.
- 7.1.7. Bill of quantities and estimated
- 7.1.8. Bid format.

8. Clarification of Tender:

A prospective Bidder requiring any clarification on Tender documents may contact the in charge at the address indicated in the N I T. The In charge will also respond to any request for clarification, received through post or telephone.

9. Amendment to Tender Documents.

- Before the last date for submission of Tenders, the Tender Inviting Officer may modify any of the Contents of the Tender Notice, Tender documents by issuing amendment/Addendum.
- Any addendum/ amendments issued by the Tender Inviting Officer shall be part of the Tender Document and it shall either be communicated in writing to all the purchasers of the Tender documents or notified in the Website/News Papers in which NIT was published.

10. Language of the Tender:

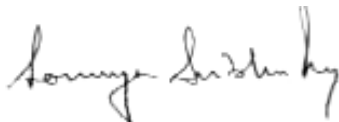
- All documents relating to the tender shall be in the English Language only.

11. Documents comprising of the tender:

- The bidders are requested to submit a Proposal as detailed in this document.
- The bidders, who are desirous of participating in the Tender, shall sign on all the statements, documents, certificates, tender document purchased by him, owning responsibility for their correctness/authenticity.
- Performance Security: The successful bidder shall submit performance security in the form of bank guarantee @10% of quoted value valid for 12 months after supply as indicated earlier along with the Proposal. If the successful bidder does not submit the performance security within the stipulated time than bidder will be disqualified and contract will be awarded to next qualified bidders.

Technical Bid proposal:

- In preparing the Technical proposal, bidders are expected to examine the documents comprising this tender document in detail. Material deficiencies in providing the information requested may result in rejection of a Proposal. While preparing the Technical proposal, bidders must give particular attention to the following:
- If a bidder considers that they do not have all the expertise for the Assignment, it may obtain a full range of expertise by associating with other firms as appropriate.
- The Technical Proposal should provide the following information using the attached Standard Forms, where ever applicable




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- A brief description of the bidder/ JV's organization and an outline of recent experience on assignments of a similar nature. For each assignment, the outline should indicate, interalia, duration of the assignment, contract amount, and bidder/ JV's involvement.
- List of equipment proposed, make, model etc with technical brochures (v) List of personnel who will be looking after the project execution
- Any comments or suggestions on the proposed scope of work, list of services, and any facilities expected to be provided by the RNBA/IIE/Schoolnet.
Any additional comments/remarks.

12. Price Offer:

- The Bidder should quote his price offer as per items and quantity in annexure-I tender amount based on this schedule of quantities. He should quote his offer both in words and figures. The price offers shall be written both in figures and words legibly and free from erasures, over writings or corrections of figures. Corrections where unavoidable should be made by crossing out, and rewriting duly initializing with date.
- The bid offer shall be for the whole work.
- All statutory duties, taxes, and other levies payable by the authorized registered firms as per State/ Central Government rules, shall be included in the prices quoted by the Bidder.

13. Validity of Tender:

- The validity of tender shall be for 90 days
- During the above mentioned period no plea by the Bidder for any sort of modification of the tender based upon or arising out of any alleged misunderstanding or misconceptions or mistake or for any reason will be entertained.
- In exceptional circumstances, prior to expiry of the original time limit, the Tender Inviting Officer may request the bidders to extend the period of validity for a specified additional period. Such request to the Bidders shall be made in writing.

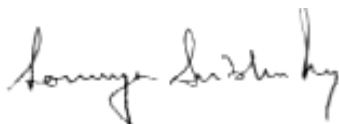
14. Signing of Tender:

- If the tender is made by an individual, it shall be signed and sealed with his full name and his address shall be given. If it is made by a firm, it shall be signed with the co-partnership name by a member of the firm, who shall also sign his own name, and the name and address of each member of the firm shall be given, if the tender is made by a corporation it shall be signed by a duly authorized officer who shall produce with his tender satisfactory evidence of his authorization. Such tendering corporation may be required before the contract is executed, to furnish evidence of its corporate existence. Tenders signed on behalf of G.P.A holder will be rejected.
- The tender shall contain no alterations or additions, except those to comply with instructions issued by the tender inviting officer, or as necessary to correct errors made by the Bidder, in which case all such corrections shall be initialed by the person signing the tender.
- No alteration which is made by the Bidder in the contract form, the conditions of the contract, the specifications or statements /formats or quantities accompanying the same will be recognized, and, if any such alterations are made the tender will be rejected.

15. Submission of Tender:

The Bidder shall invariably ensure that the following are to be submitted along with tender document.

- Check slips Copy of Experience Certificate in Similar type of Work in supplying and installation of cane & bamboo machineries and equipments.

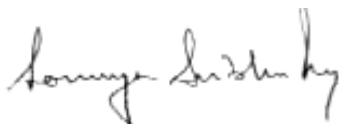


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- At least a single similar work not less than Rs.40.00lakhs value in NER.
 - Declaration towards the genuineness of the certificates
 - The successful Bidder shall furnish the original hard copies of all the documents/EMD/certificates/statements by them before concluding the agreement.
 - Submit tenders in as explained above. The tender should be submitted in water proof cover and duly sealed. The cover should clearly indicate the Tender Number, Name of work Tendered, due date for opening, address of the bidder and the Bid schedule.
 - The successful bidders should submit performance security in the form of bank guarantee(BG) or Fixed Deposit Receipt (FDR) @ 10% of quoted value before signing the agreement
 - The bid should reach the above mention address on or before last date and time of submission mentioned in NIT.
16. Tender opening and evaluations:
- The Bidders or their authorized representatives can be present at the time opening of the tenders. Either the Bidder himself or one of his representative with proper authorization only will be allowed at the time of tender opening. If any of the Bidder is not present at the time of opening of tenders, the tender opening authority will, on opening the tender of the absentee Bidder, reads out and record the deficiencies if any, which shall be binding on the Bidder.
 - The bid containing qualification requirements as per eligible criteria will be evaluated by the tender opening authority and the minutes are recorded which will be signed by the tender opening authority as well as Bidders or their authorized representatives present.
17. Bid validity:
- The bid validity should be not less than three months from the submission of bid.
18. Evaluation and Comparison of bids:
- The Committee will evaluate and compare the price of all the qualified Bidders.
 - Negotiations at any level are strictly prohibited. However, good gesture rebate, if offered by the lowest Bidder prior to finalization of tenders may be accepted by the tender accepting authority.
 - Selection of Bidder among the lowest and equally quoted Bidders will be in the following orders:
 - The Bidder whose Technical bid capacity is higher will be selected.
 - In case the bid capacity is also same the Bidder whose annual turnover is more will be preferred. Even if the criteria incidentally become the same, the turnover on similar works and the clean track record will be considered for selection.
19. Process to be confidential:
- Information relating to the examination, clarification, evaluation and comparison of tenders and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced by the tender accepting authority. Any effort by a Bidder to influence the processing of tenders or award decisions may result in the rejection of his tender




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20. Award of Contract:

The evaluation committee will award or recommend to the competent tender accepting authority for award of the contract to the Bidder who is found technically qualified as per the tender conditions and whose price is lowest.

The tender accepting authority reserves the right to accept or reject any tender or all tenders and to cancel the tendering process, at any time prior to the award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to in form the affected Bidder or Bidders of the reasons for such action.

21. Notification of award and signing of agreement

The Bidder whose Tender has been accepted will be notified of the award of the work prior to expiration of the Tender validity period by registered letter. This letter (hereinafter and in the Conditions of Contract called "Letter of Acceptance") will indicate the sum that the tender inviting organization will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Amount").

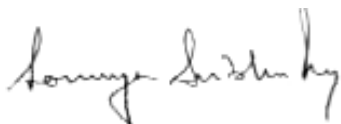
The successful Bidder has to sign an agreement within a period of 15 days from the date of receipt of communication of acceptance of his tender. On failure to do so his tender will be cancelled.

The Scope of work, time of completion, defect liability period and Bank Guarantee will be made in the agreement between contractor and RNBA.

22. Corrupt or fraudulent practices:

Under the SFURTI scheme requires that the bidders / suppliers / contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, define for the purposes of the provision, the terms set forth below as follows:

"corrupt practices" means the offering, giving, receiving or soliciting of anything of value to influence the action of a Government official in procurement process or in contract execution: and "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government and includes collusive practice among Bidders (prior to or after Tender submission) designed to establish in Tender price sat artificial non-competitive levels and to deprive the Government of the benefits of free and open competition will reject a proposal for award if it determines that the Bidder recommended for award has engaged incorrupt or fraudulent practices in competing for the contract in question.



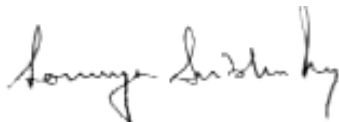

FORMS OF TENDER QUALIFICATION INFORMATION
CHECKLIST TO ACOMPANY WITH THE TECHNICAL BID

| SI No | Criteria | List of Supporting Documents |
|-------|---|------------------------------|
| 1 | Experience in supplying installation of at least one work in cane and bamboo machineries preferable Government approved firms Similar type of Work at least two years of experience in supplying and installation of handloom and textile machineries in the North East Region especially in Imphal | |
| 2 | Last 3 years Average Annual Turnover | |
| 3 | Experience of similar work of value not less than 80 Lakhs in a single work order | |
| 4 | Experience of providing post sale service | |

| SI No | Criteria | Enclosed |
|-------|--|----------|
| 1 | EPF Registration Certificate (Updated receipt to be submitted) | Yes/No |
| 2 | GST Registration (Updated receipt to be submitted) | Yes/No |
| 3 | ESI Registration (Updated receipt to be submitted) | Yes/No |
| 4 | PAN | Yes/No |
| 5 | Professional Tax paid certificate (Updated receipt to be submitted) | Yes/No |
| 6 | I.T. returns last three years | Yes/No |
| 7 | Annual Audited Financial report for the last three years (Chartered Certificate for showing annual turnover and Net Worth may be provided in case the audit for FY 2019-2020 is under process along with the undertaking by the authorised signatory stating the same on the letterhead of the agency) | Yes/No |
| 8 | Performance as prime contractor for execution of similar nature of work for the last three years and details of work in hand | Yes/No |
| 9 | Experience or work completion certificates of at least three completed work. | Yes/No |
| 10 | Documentary evidence of work | Yes/No |
| 11 | Company/proprietor etc. details | Yes/No |
| 12 | Undertaking as not blacklisted/ debarred by Govt., PSUs, Semi-Government etc. | Yes/No |
| 13 | EMD | Yes/No |

Note:

1. All the statements copies of the certificates, documents etc., enclosed to the Tender Document shall be given page numbers on the right corner of each certificate, which will be indicated in column (4) against each item. The statements furnished shall be in the formats appended to the tender document.
2. The information shall be filled-in by the Bidder in the checklist and shall be enclosed to the bid for the purposes of verification as well as evaluation of the Bidder's Compliance to the qualification criteria as provided in the Tender document. All the Certificates,



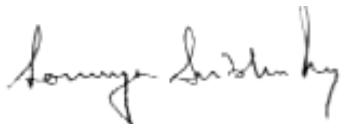
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documents, statements as per check-list shall be submitted by the Bidder.

3. The bidder shall sign all the statements/documents/certificates received by him owing responsibility for their correctness/authenticity. The successful Bidder shall furnish the original hard copies of all the documents / certificates / statements received by them before concluding the Agreement.



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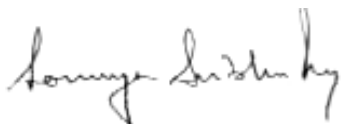
DECLARATION

I / WE have gone through carefully all the Tender conditions and solemnly declare that the certificates or the documents submitted by me/us are genuine and I/We will abide by any penal action such as disqualification or black listing or determination of contract or any other action deemed fit, taken by, the Department against us, if it is found that the statements, documents, certificates produced by me/us are false/fabricated

I / WE hereby declare that, I / WE have not been blacklisted / debarred / Suspended / demoted in any departments of Govt. of India or State Governments due to any reasons.

Signature of the Bidder

Seal:



Secre
Development & R
Rongmei Naga B:



CONDITIONS OF CONTRACT

A-General

1. Interpretation:

In interpreting these Conditions of Contract, singular also means plural, male also means female, and vice-versa. Headings have no significance. Words have their normal meaning under the language of the contract unless specifically defined. The In charge will provide instructions clarifying queries about the conditions of Contract.

The documents forming the Contract shall be interpreted in the following order of priority:

- 1.2.1. Agreement
- 1.2.2. Letter of Acceptance, notice to proceed with the works
- 1.2.3. Contractor's Tender
- 1.2.4. Conditions of contract
- 1.2.5. Specifications
- 1.2.5. Bill of quantities

Any other document listed as forming part of the Contract.

2. Decisions:

Except where otherwise specifically stated, the Director will decide the contractual matters between the Department and the Contractor in the role representing the Department.

3. Delegation:

The RNBA may delegate any of staffs and responsibilities to other officers.

4. Communications:

Communications between parties, which are referred to in the conditions, are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act)

5. Personal:

The Contractor shall employ the required Key Personnel named in the Schedule of Key Personnel to carry out the functions stated in the Schedule or other personnel approved by the Committee. The Committee will approve any proposed replacement of Key Personnel only if their qualifications, abilities, and relevant experience are substantially equal to or better than those of the personnel listed in the Schedule.

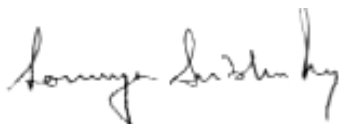
Failure to employ the required technical personnel by the contractor of the following amounts will be recovered from the contractor over and above the provision made in part two of schedule-A from the contractors bills.

The technical personnel should be on full time and available at site whenever required by in charge to take instructions.

The names of the technical personnel to be employed by the contractor should be furnished in the statement enclosed separately.

If the contractor fails to employ technical personnel or expertise the work will be suspended or department will engage a technical personnel and recover the cost there of from the contractor

If the Committee asks the Contractor to remove a person who is a member of Contractor's staff or his work force stating the reasons the Contractor shall ensure that the person leaves the site forth with and has no further connection with the work in the contract.



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6. Contractor's Risks:

All risks of loss of or damage to physical property and of personnel injury and death, which arise during and in consequence of the performance of the Contract, are the responsibility of the Contractor.

7. Insurance:

The Contractor shall provide, in the joint names of the Department and the contractor, insurance cover from the Insurance company Date to the end of the Defects Liability Period i.e., 12 months after completion for the following events which are due to the Contractor's risks.

damage to the Equipment;
loss of or damage of property in connection with the Contract; and
Personal injury or death of persons employed during supplying, installation.

8. The works to be Completed by the Intended Completion Date

The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the programme submitted by the Contractor, as updated with the approval of the in charge, and complete the work by the Intended Completion Date.

9. Safety:

Contractor is responsible for safety of all activities during the construction.

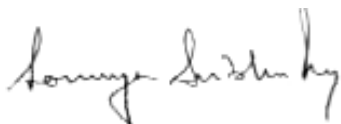
10. Installation:

Location: Noney & Tamenglong district at Noney, Duilon, Guangram and Tamenglong village

11. Settlement of disputes:

If any dispute of difference of any kind whatsoever arises between the RNBA-IIE and the Contractor in connection with, or arising out of the Contract, whether during the progress of the works or after their completion and whether before or after the termination, abandonment or breach of the Contract, it shall in the first place, be referred to and settled by the Committee who shall, within a period of thirty days after being requested by the Contractor to do so, give written notice of his decision to the Contractor .Upon receipt of the written notice of the decision of the Committee the Contractor shall promptly proceed without delay to comply with such notice of decision.

If the In charge fails to give notice of his decision in writing within a period of thirty days after being requested or if the Contractor is dissatisfied with the notice of the decision of the In charge the Contractor may within thirty days after receiving the notice of decision appeal to the Department who shall offer an opportunity to the contractor to be heard and to offer evidence in support of his appeal, the Department shall give notice of his decision.




within a period of thirty days after the Contractor has given the said evidence in support of his appeal, subject to arbitration, as hereinafter provided. Such decision of the RNBA-IIE in respect of every matter so referred shall be final and binding upon the Contractor and shall forthwith be given effect to by the Contractor, who shall proceed with the execution of the works with all due diligence whether here requires arbitration as hereinafter provided, or not. If the RNBA has given written notice of his decision to the Contractor and no claim to arbitration, has been communicated to him by the Contractor within a period of thirty days from receipt of such notice the said decision shall remain final and binding upon the Contractor. If the RNBA fail to give notice of his decision, as aforesaid within a period of thirty days after being requested as aforesaid, or if the Contractor be dissatisfied with any such decision, then and in any such case the contractor within thirty days after the expiration of the first named period of thirty days as the case may be, require that the matter or matters in dispute be referred to arbitration: jurisdiction of which is Imphal, Manipur.

B-TIME OF COMPLETION

12. Time of Completion:

The total period of completion is One (1) month from the date of receipt of Works order. The attention of the Bidder is directed to the contract requirement at the time of beginning of the work, the rate of progress and proportionate value of work done from time to time as will be indicated by the contractor's Certificate for the value of work done will be required. Date of commencement of their programme will be the date for concluding agreement but not the date of handing over site.

After signing the agreement, the contractor shall forthwith begin the work, shall regularly and continuously proceed with them.

The contractor shall commence the works of supply of machineries within the period of two months after the receipt of work order by him of a written order to this effect from the concerned authority and shall proceed with the same with due expedition and without delay, except as may be expressly sanctioned or ordered.

Delays and extension of time: No claim for compensation on account of delays or hindrances to the work from any cause whatever shall lie, except as hereafter defined. Reasonable extension of time will be allowed by the or by the office competent to sanction the extension, for unavoidable delays, such as may result from causes, which in the opinion of the , are undoubtedly beyond the control of the contractor. The shall assess the period of delay or hindrance caused by any written instructions issued by him, at twenty five per cent in excess or the actual working period so lost. In the event of the failing to issue necessary instructions and thereby causing delay and hindrance to the contractor, the latter shall have the right to claim an assessment of such delay by the RNBA, whose decision will be final and binding. The contractor shall lodge in writing with the statement of claim for any delay or hindrance. Referred to above, within fourteen days from its commencement, otherwise no extension of time will be allowed. Whenever authorized alterations or additions made during the progress of the work are of such a nature in the opinion of the as to justify an extension of time in consequence thereof, such extension will be granted in writing by or other competent authority when ordering such alterations or additions.

13. Supply & installation Program:

The supplier shall furnish within 15 days of the order of the work a programme showing the sequence in which he proposed to carry out the work, monthly progress expected to be achieved, also indicating date of procurement of handloom & textiles machineries and equipments. The schedule should be such that it is practicable to achieve completion of the whole work within the time limit fixed and shall obtain the approval of the in charge. Further rate of the progress as in the program shall be kept up to date. In case it is subsequently found necessary to alter this program, the contractor shall submit sufficiently in advance the revised program incorporating necessary modifications and get the same approved by the Committee. No revised program shall be operative without approval of in charge.

The RNBA shall have all times the right, without any way violating this contract, or forming grounds for any claim, to alter the order of progress of the works or any part thereof and the contractor shall after receiving such directions proceed in the order directed. The contractor shall also report the progress to the RNBA, within 7 days of the in charge direction to alter the order of progress of works.

The Contractor shall give written notice to the in charge whenever planning or progress of the works is likely to be delayed or disrupted unless any further drawings or order including a direction, instruction or approval is issued by the in charge within a reasonable time. The notice shall include details of the drawing or order required and of why and by when it is required and of any delay or disruption likely to be suffered if it is late.

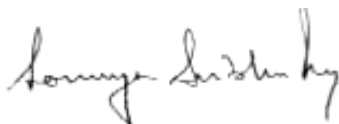
14. Speed of Work

The Contractor shall at all times maintain the progress of work to conform to the latest operative progress schedule approved by the in charge. The contractor should furnish progress report indicating the programme and progress once in a month. The In charge may at any time in writing direct the contractor to slow down any part or whole of the work for any reason (which shall not be questioned) whatsoever, and the contractor shall comply with such orders of the Incharge. The compliance of such orders shall not entitle the contractor to any claim of compensation. Such orders of the in charge for slowing down the work will however be duly taken into account while granting extension of time if asked by the contractor for which no extra payment will be entertained.

Delays in Commencement or progress or neglect of work and forfeiture of earnest money, Security deposit and withheld amounts: If, at any time, the In charge shall be of the opinion that the Contractor is delaying Commencement of the work or violating any of the provisions of the Contractor is neglecting or delaying the progress of the work as defined by the tabular statement. "Rate of progress" in the Articles of Agreement", he shall so advise the Contractors in writing and at the same time demand compliance in accordance with conditions of Tender notice. If the Contractor neglects to comply with such demand within seven days after receipt of such notice, it shall then or at any time thereafter, be lawful for the RNBA, to take suitable action in accordance with relevant Clauses.

15. Suspension of works by the Contractor:

If the Contractor shall suspend the works, or sublet the work without sanction of the In charge, or in the opinion of the In charge shall neglect or fail to proceed with due diligence in the performance of his part of the Contract as laid down in the Schedule rate of




progress, or if he shall continue to default or repeat such default in the respects mentioned in relevant rules of GOI, In charge shall take action in accordance with related Clauses.
If the Contractor stops work for 28 days continuously and the Stoppage has not been authorized by the incharge the Contract will be terminated as per the law.
If the Contractor has delayed the completion of works the Contract will be terminated under relevant Clauses.

16. Extension of the Intended Completion Date:

The In charge shall extend or recommend for extension, in accordance with the Government orders in force, the Intended Completion Date if a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

The In charge shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Engineer for a decision upon the effect of a Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

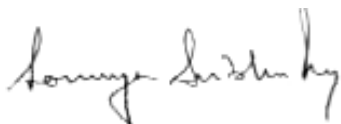
17. Early Warning:

The contractor is to warn the in charge at the earliest opportunity of specific likely future events or circumstances that may adversely affect the Execution of Works.

The Contractor shall cooperate with the In charge in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Incharge.

18. Management Meeting:

The In charge may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the programme for remaining work and to deal with matters raised in accordance with the early warning procedure.



C-QUALITY CONTROLS

19. Identifying defect:

23.1. The In charge shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The In charge may instruct the Contractor to verify the Defect and to uncover and test any work that the technical expert considers may be a Defect.

20. Test:

If the In charge instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the Contractor shall pay for the test and any samples.

21. Corrections of defect:

The Incharge shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins on Completion. The defects liability period shall be extended for as long as defects remain to be corrected by the Contractor.

Every time notice of a Defect is given, the Contractor shall correct the notified defect within the length of time specified by the In charge's notice.

If the contractor has not corrected the defect within the time specified in the In charge's notice, the Incharge will assess the cost of having the defect corrected and the contractor will pay this amount.

D-COST CONTROLS

22. Cost controls:

The cost of items quoted by contractors remains same for the period of completion of work, unless or otherwise specified by RNBA

23. Payments:

23.1 The payment terms of conditions of the contract will as under:

23.1.1.1. Payment stages for Machineries will be made as per the prescribed SOP.

23.1.1.2 **First installment: 50% of the value of work order, after 50% machinery delivery, installation and inspection by IA and TA.**

23.1.1.3. **Second installment: 50% of the value of work after complete machinery delivery, installation, operationalization, trial run and inspection by IA and TA.** Also Performance Bank Guarantee valid for 12 months for equivalent amount from any Nationalized Bank or payment will be retained till end of the defects liability period after the period of supply, from completion.

23.1.1.4 **Payment for the work done by the contractor will be made as above for the finished work based on the Physical verification by the Committee of RNBA-IIE-Schoolnet.**

RNBA

24. Payments and Certificates:

In case of over payments or wrong payment if any made to the contractor due to wrong interpretation of the provisions of the contract and contract conditions etc., such unauthorized payment will be deducted in the subsequent bills or final bill for the work or from the bills under any other contracts with the Government or at any time thereafter from the deposits available with the RNBA

Any recovery or recoveries advised by the RNBA due to non-fulfillment of any contract entered into with them by the contractor shall be recovered from any bill or deposits of the contractor.

The contractor is not eligible for any compensation for inevitable delay in handing over the site or for any other reason. In such case, suitable extensions of time will be granted after considering the merits of the case.

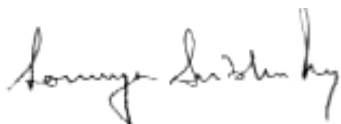
25. Intermediate payment:

- i. For intermediate Stage of work, only part rates as fixed by the Committee will be paid.
- ii. Part rates shall be worked out for the work done portion based on the actual operations involved keeping in view the value of the balance work to be done, to avoid unintended benefit to the Contractor in initial Stage.
- iii. Full rate shall be paid when the work is completed to the full profile as noted in the tender document.

26. Certificate of Completion of works:

Certificate of completion works:

- i. When the whole of the work has been completed and has satisfactory passed any final test that may be prescribed by the Contract, the Contractor may give a notice to that effect to the In charge accompanied by an undertaking to carry out any rectification work during the period of maintenance, such notice and undertaking shall be in writing and shall be deemed to be request by the Contractor for the In charge to issue a Certificate of completion in respect of the Works. The In charge shall, within twenty one days of the date of delivery of such notice either issue to the Contractor, a certificate of completion stating the date on which, in his opinion, the works were completed in accordance with the Contractor give instructions in writing to the Contractor specifying all the Works which, in the In charge' opinion, required to be done by the Contractor before the issue of such Certificate.



27. Taxes included in the Price:

- a. The rates quoted by the contractor shall be deemed to be inclusive of the Goods and Services Tax (GST) and other taxes on all materials that the contractor will have to purchase for performance of this contract.
- b. Any Central or State taxes on completed items of works of this contract as may be levied and paid by the contractor shall be reimbursed by the contractor.

28. PAN and GST:

- a. Contractor must have PAN Number and GST Number as per GOI norms.

29. Termination:

- a. The RNBA may terminate the Contract if the contractor causes a fundamental breach of the Contract.
- b. Fundamental breaches of Contract include, but shall not be limited to the following.
 - i. The Contractor stops work for 28 days when no stoppage of work is shown on the current program and the stoppage has not been authorized by the In charge.
 - ii. The Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation.
 - iii. The In charge gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the In charge; and
 - iv. The Contractor does not maintain a security which is required and
 - v. The Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined.
 - vi. If the contractor, in the judgment of the RNBA has engaged in corrupt or fraudulent practices in competing for or in the executing the contract.

30. Payment upon Termination:

- a. If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the In charge shall issue a certificate for the value of the work done less advance payments received upon the date of the issue of the certificate, less other recoveries due in terms of the Contract, less taxes due to be deducted at source as per applicable law and less the rate to apply to the work not completed. If the total amount due to the RNBA exceeds any payment due to the Contractor the difference shall be a debt payable to the RNBA

31. Release from Performance:

- a. If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Department or the Contractor the In charge shall certify that the contract has been frustrated. The Contractor shall make the site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any work carried out afterward to which commitment was made.

32. Plant and Equipment:

- a. The contractor shall have sufficient plant, equipment and labour and shall work such hours and shifts as may be necessary to maintain the progress on the work as per the approval progress schedule. The working and shifts hours shall comply with the Govt. Regulations in force.

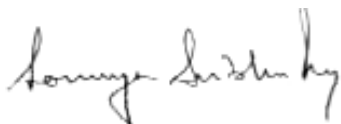
33. Payment upon termination:

- a. If the contract is terminated because of a fundamental breach of contract by the contractor, the In-charge shall issue a certificate for the value of the work done less advance payment received upon the date of the issue of the certificate and less the rate to apply to the

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Work not completed as indicated in the contract data. Additional liquidated damages shall not apply. If the total amount due to the RNBA exceeds any payment due to the contractor the difference shall be a debt payable to the RNBA. In case of default for payment within 28days from the date of issue of notice to the above effect, the contractor shall be liable to pay interest at 12% per annum for the period of delay.



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RNBA

PRICE SCHEDULE (I)
PRICE SCHEDULE OF CONTRACT

To,
RNBA
Imphal

Sir,

I/We do hereby tender and if this tender is accepted, undertake to execute the following work viz: Supply, Delivery, Assembly, Installation and training thereof various handloom and textile based machineries and equipments for Cane and Bamboo based Furniture and utility product Cluster at (Noney, Duilon, Guangram and Tamenglong village) in Noney & Tamenglong District, Manipur under SFURTI Project

I/We have studied the scope of work ,including item wise specifications, with unit rates and agree to execute the work, when the lump sum payment under the terms of the agreement is varied by payment on measurement quantities.

I/We certify that I/ We have inspected the site of the work before quoting my rate excess or lesson ECV; I/We have satisfied about the quality, availability and transport facilities for all the materials. I/We undertake to execute the work indicated in price schedules of this tender at the rates quoted below:

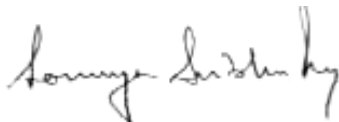
| SNO | DESCRIPTION | PRICE IN NUMBER | PRICE IN WORDS |
|-----|-------------|-----------------|----------------|
|-----|-------------|-----------------|----------------|

1

I/We hereby distinctly and expressly, declare that the rates quoted by us are inclusive of all taxes and duties, prevailing at the time of execution of work. Further,

I/We declare that I/We will not claim any price escalation or extra compensation on this account. I/We agreed to keep the offer in this tender valid for a period of 6 (Six) Months mentioned in Tender Notice and not to modify the whole or any part of it for any reason within above period. If the tender is withdrawn by me/us for any reasons whatsoever, the earnest money deposit (EMD) paid by me / us will be forfeited to the Government.

IF MY / OUR tender is not accepted the sum shall be returned to me/us on application when intimation is sent to me/us of rejection or at the expiration of three months from last date of receipt of this tender, whichever is earlier. If my/our tender is accepted the earnest money shall be retained by the Government as security for the due fulfillment of this contract. If upon written intimation to me/us by the Office,

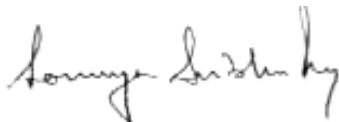


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I/We fail to attend the said office on the date herein fixed or if upon intimation being given to me/us or acceptance of my/our tender, and if I/We fail to make the additional security deposit or to enter into the required agreement as defined in the tender notice, then

I/We agree the forfeiture of the earnest money. Any notice required to be served on me/us here under shall be sufficiently served on me/us if delivered to me/us hereunder shall be sufficiently served on me/us if delivered to me/us personally or forwarded to me/us by post to (registered or



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RNBA

ordinary) or left at my/our address given herein. Such notice shall if sent by post be deemed to have been served on me/us at the time when in due course of post it would be delivered at the address to which it is sent.

I/WE fully understand that the written agreement to be entered into between me/us and Government shall be the foundation of the rights of the both the parties and the contract shall not be deemed to be complete until the agreement has first been signed by me/us and then by the proper officer authorized to enter into contract on behalf of Government. The bid form of the tender is duly signed by the authorized signatory of the Firm/company and sealed in presence of the following witness.

Address of the Bidder:

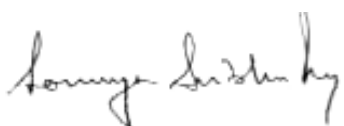
(Signature of Tender)

Telephone No:----- Fax No: ----

WITNESS:

- 1.

- 2

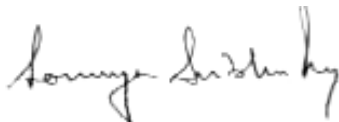


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PRICE SUMMARY

| Description of Work | Quoted Value in Rupees | Quoted Value in words |
|--|------------------------|-----------------------|
| Inviting Firms/suppliers for Supply, Delivery, Assembly, Installation and training thereof cane and bamboo based machineries and equipments for cane and Bamboo furniture and utility product cluster at (Noney, Duilon, Guangram and Tamenglong village) in Noney and Tamenglong District, Manipur under SFURTI Project | | |



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Inviting sealed quotations from authorized firms/suppliers for Supply, Delivery, Assembly, Installation and training thereof various machineries and equipments for Cane & Bamboo based furniture & utility product cluster at (Noney, Duilon, Guangram & Tamenglong village) in Noney & Tamenglong District, Manipur under SFURTI Project

Tender No- SFURTI-MSME/RNBA/Mach/2020-21/02

Implementing Agency (IA):



Rongmei Naga Baptist Association, Imphal

Volume II – Technical Specifications

Nodal Agency (NA):



Indian Institute of Entrepreneurship, Guwahati

Technical Agency (TA):

SCHOOLNET
Schoolnet India Limited

Schoolnet India Ltd.

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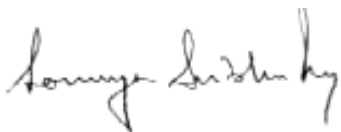
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TECHNICAL SPECIFICATIONS

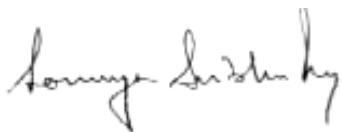
INTRODUCTION

- These Specifications contain guidelines and directions to be followed jointly and severally in the implementation of the subject project to deliver a quality product..
- The Special Specifications are intended to supplement the General Specifications. In case of any non-coherence, differences, deviations or discrepancies between the two the special Specifications will take precedence.
- Rates provided in the bid document or the rates quoted by the supplier for all items of works while submitting the tender will be deemed to include cost of all materials, taxes, duties, levies, octroi etc., cost of all labor, all protection works to the site as well as portions and premises of works in progress, arrangements and related works to ensure safety to the site, personnel and materials and all other input involved in the execution of the items.
- The Technical expert will be the authority to interpret or clarify the provisions of these specifications and the outcome shall be made known to the supplier, in writing. Interpretations/clarifications once issued will be final as far as the particular contractual works are concerned.
- Any Indian Standard/ International Standard/ manual referred to in the Specifications shall mean the latest revision/edition of the standard/Manual with all additions and amendments issued thereto.



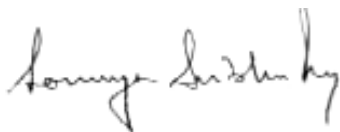
List of Items/ Machinery with detailed Specifications :

| SI No | Machine Name | Technical Specification |
|-------|---|--|
| 1 | Pillar Drill | For application in wood & bamboo craft. Drill size 1 inch maximum, Motor power 1 hp, Vice for clamping of material, Maximum drilling thickness: 150mm, Table up down system |
| 2 | Hand Drill Machine | Applications- To make holes of different size in solid substance i.e. wood, Bamboo, terracotta etc, For screwing and fastening. Dimensions-27x 6.5x21.5 cm. Chuck Size-10 mm. Voltage-220 V, Frequency-50HZ, Handle Type- Pistol Grip, Power Consumption-300 W. (Make – Bosch) |
| 3. | Belt cum disc Sander | Used for sanding and finishing the wood/stone/bamboo products , Dust proof, switch for extra long life span Angle guide and adjustable working table for precise working. 150Mm disc Item, Power 375 W, 150 mm -adjustable sanding belt |
| 4 | Buffing cum Grinding Machine | For polishing wood/bamboo, power 800 w, frequency -50 to 60 hz, Voltage-220 v, No load speed -3500 rpm, glazer diameter -125 mm, Cable length 3 mt, Thread –M14. |
| 5 | Bamboo splitter machine (Manual) with stand/Frame | Two Frames, One with 6/7/8 blade grills, Second with 9/10/12 blade grills |
| 6. | Universal Planer | Function: make a rectangular cross-section of strip with Parallel edges Power: 8 HP+, 1. spindle bearings SKF/NBC only ball , Specifications: 4 cutters 5 motors adjustable, width X height range: in width 12 mm 35 range in thickness 5 mm 25 mm, Power: 1.5 HP Feeder motor, 2 HP X 2, 1.5 HP X 2, cutter motors, with Panel Box, Quality Standard : should give clean finish and parallel rectangular surface should give consistent input size and finish machine should be easily adjustable |
| 7 | Spray Machine with compressor | Discharge Pressure (in bar)- 8 bar, Compressor Technology- Reciprocating, Motor: Single phase-1HP, motor speed RPM: 2800- 3000, Operating voltage: 210-240 volts, Free air delivery: 120 lpm @ 90 psi, Tank volume: 10 liters (min), Auto on/off, Pump: Oil lubricated, Weight : 20kgs to 22 kgs, Speed-2850 rpm, Pressure- MAX 116 PSI, Noise Level -80dB, Capacity- Air Receive: 240 L, Voltage-220 V, |
| 8 | Blow lamp | Brass blow lamp with handle, container capacity :1 Lt or above, Kerosene operated, ISI mark |
| 9 | Portable Hand Planer | Bosch 3-1/4 Inch Woodworking Hand Planer with Carrying Case |
| 10 | Bench Vice | Heavy Duty Cast Iron, (6 inch) professional heavy steel Iron Bench Vice heavy duty swivel Base, red (150MM- Jaw Width) |
| 11 | Angle Grinder | For Grinding and shaping wood, stone and Bamboo material with Load Speed (rpm)- 900-11000 rpm, Power Source- Electric, Input Power-710 W |
| 12 | C Clamp | 3 Piece Mini C Clamp Set. 1", 2" & 3" (25,50,75mm) C-Clamps with Wide Jaw Openings, Swivel Shoe, Sliding T-Bar Handle for Quick & Easy Fitting |
| 13 | Bamboo Tool Kit Set | 24 individual pieces tool kit set used for handicraft/bamboo industry, which shall consist of items like (hammer, hacksaw, sharp knife, plier, filer, scissors, screw driver, etc) Make – Prashant Bamboo Machines |




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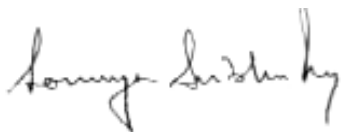
| SI No | Machine Name | Technical Specification |
|-------|---------------------------------------|---|
| 14 | Vacuum pressure Bamboo Treatment Tank | Integrated/ portable unit, 600 mm x 12 ft , For longer life of bamboo after chemical treatment, Tested at 21 kg pressure and 650 mm of vacuum, With bottom chemical storage tank |
| 15 | Pliers | 8" Sturdy Steel Combination Plier Double Color Sleeve, with Jaws and Cutting Edge are Induction Hardened & Tempered, black phosphate finish anti rust protected, suitable for live wire working and household applications. |
| 16 | Scissors | 8" inch Brass handle steel scissors. |
| 17 | Hand Saw | 24" Hand Saw with Comfort Rubber Grip Handle Precision Double Ground Nickel Chromium Steel Hacksaw Hand Saw with 7-Teeth |
| 18 | Lathe Machine | Used for Carving around the bamboo surface, Length 7 ft, Working length 3.5 ft, 1 hp motor, Variable speed, tool set, Bottom frame, Heavy Duty cast iron frame and legs, Heavy duty system for holding bamboo |
| 19 | Treatment Vessel | Stainless Steel bamboo treatment vessel of dimension 6mX1.5mX0.7m (200 Ltr capacity) with storage stand or platform |
| 20 | Bamboo Dyeing Vessel | Stainless Steel bamboo treatment vessel of dimension 6mX1.5mX0.7m (200 ltr capacity) with storage stand or platform. |
| 21 | Tailor Scissor (Big) | Professional Stainless Steel Heavy Duty 10.5 Inch Big Tailor Scissors |
| 22 | Bamboo Cross Cutting Machine | The machine cuts Bamboo to uniform length, 1 HP Motor, 14" TCT Cutter-German tips, High number of Teeth, Bamboo Clamping Arrangement with help of foot, Gauge stick arrangement to be provided with, Machine fitted with DOL Starter(standard make), Push Button, Cutter rpm: 3000+, Safety Guards, Heavy Frame, Fast production rate: |
| 23 | Pilar Jig Saw | Throat dept 610mm/24 inch, Cutting Capacity 32mm /1.25 inch, table size 355mm X 305mm/ 14X 12 inch, Approx. Engine speed (RPM) 525-625, Power required-HP/RPM1/1440 |
| 24 | Hand Jig saw | Curve Control technology which allows to adjust the saw's orbit in 1 of 4 customized settings, 5 Amp variable-speed motor; up to 3,000 SPM of cutting power, Can make 45 degree bevel cuts; with adjustable shoe for stability, New and improved Wire Guard for more precise cuts Keyless blade clamp for tool-free blade change, Dust blower |
| 25 | Glue Gun with Stick | Hot Melt Glue Gun Kit with 30pcs Silicon based glue sticks,Holding Stand and Scald-Proof Rubber Nozzle (20 Watts). |
| 26 | Traditional Cutting Tool/ hand Dao | All purpose super sharp iron hand Dao with wooden handle for cutting or sharpening wood/bamboo. |
| 27 | Hand Held Engraver Machine | 800W Electric Trimmer Handheld Laminate Edge Trimmer 1/4" Collet Wood Router Woodworking Milling Engraving Slotting Machine With transparent base, the processing work can be viewed clearly. Suitable for wood cutting, trimming, slotting and making holes. |
| 28 | Storage Racks | Pre-painted steel storage hollow racks having multiple compartments for storage of raw materials and other products, having individual hollow compartments/chambers measuring 0.6mX0.4mX0.35m |
| 29 | Sitting Stool | Good quality durable wooden sitting stools having dimension (L(0.35m) X B(0.25m)X H(0.15m)) |
| 30 | Working Table | Steel working tables of durable quality measuring, (2.5mX1mX1.2m) |
| 31 | Silent DG Set 6.5 Kva | Honda Power 6.5 KVA Silent Diesel Generator set, Cooling system – Air cooled. AC Output = 6.5 KVA, Electric Self start model, Portable size, Light |




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| SI No | Machine Name | Technical Specification |
|-------|-----------------------------|--|
| | | weight, Diesel fuel. Fuel consumption - 1.25 Ltrs Diesel Per hour 175 Kgs weight only, Single Phase portable Model, Dimension/Size = 1030 x 520 x 780MM |
| 32 | Electronic Weighing Machine | Electronic Weighing Machine/Scales for 100kg with Calibration Certificate & Government Stamping from Weight & Measurement Department. With accuracy of 10gm, SS pan size (400X400mm) with high precision load cell, dual bright led display, in built battery back-up, auto calibration facility, full capacity tare function, auto zero tracking, stand by mode, low battery indication, weather and water proof. |




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Inviting sealed quotations from authorized firms/suppliers for Supply, Delivery, Assembly, Installation and training thereof various machineries and equipments for Cane & Bamboo based furniture & utility product cluster at (Noney, Duilon, Guangram & Tamenglong village) in Noney & Tamenglong District, Manipur under SFURTI Project

Tender No- SFURTI-MSME/RNBA/Mach/2020-21/02

Implementing Agency (IA):



Rongmei Naga Baptist Association, Imphal

Volume III – Bill of Quantity

Nodal Agency(NA):



Indian Institute of Entrepreneurship, Guwahati
Schoolnet India Ltd.

Technical Agency(TA):

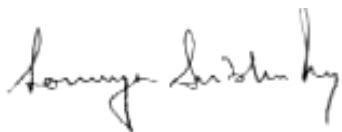
SCHOOLNET
Schoolnet India Limited

Sanjaya S. S. S. S.

B. S. S. S.

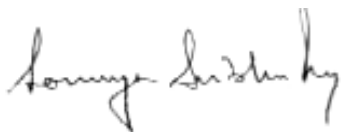
List of Machineries

| Sl No | Machine Name | Technical Specification | Quantity to be purchased | Rate | Amount |
|-------|---|---|--------------------------|------|--------|
| 1 | Pillar Drill | For application in wood & bamboo craft. Drill size 1 inch maximum, Motor power 1 hp, Vice for clamping of material, Maximum drilling thickness: 150mm, Table up down system | 20 | | |
| 2 | Hand Drill Machine | Applications- To make holes of different size in solid substance i.e. wood, Bamboo, terracotta etc, For screwing and fastening. Dimensions- 27x 6.5x21.5 cm. Chuck Size-10 mm. Voltage-220 V, Frequency-50HZ, Handle Type- Pistol Grip, Power Consumption-300 W. (Make – Bosch) | 40 | | |
| 3. | Belt cum disc Sander | Used for sanding and finishing the wood/stone/bamboo products , Dust proof, switch for extra long life span Angle guide and adjustable working table for precise working. 150Mm disc Item, Power 375 W, 150 mm - adjustable sanding belt | 35 | | |
| 4 | Buffing cum Grinding Machine | For polishing wood/bamboo, power 800 w, frequency -50 to 60 hz, Voltage-220 v, No load speed -3500 rpm, glazer diameter -125 mm, Cable length 3 mt, Thread –M14. | 35 | | |
| 5 | Bamboo splitter machine (Manual) with stand/Frame | Two Frames, One with 6/7/8 blade grills, Second with 9/10/12 blade grills | 20 | | |
| 6. | Universal Planer | Function: make a rectangular cross-section of strip with Parallel edges Power: 8 HP+, 1. spindle bearings SKF/NBC only ball , Specifications: 4 cutters 5 motors adjustable, width X height range: in width 12 mm 35 range in thickness 5 mm 25 mm, Power: 1.5 HP Feeder motor, 2 HP X 2, 1.5 HP X 2, cutter motors, with Panel Box, Quality Standard : should give clean finish and parallel rectangular surface should give consistent input size and finish machine should be easily adjustable | 10 | | |




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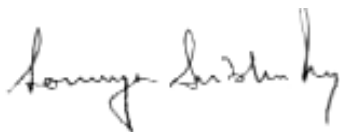
| SI No | Machine Name | Technical Specification | Quantity to be purchased | Rate | Amount |
|-------|---------------------------------------|--|--------------------------|------|--------|
| 7 | Spray Machine with compressor | Discharge Pressure (in bar)- 8 bar, Compressor Technology- Reciprocating, Motor: Single phase- 1HP, motor speed RPM: 2800- 3000, Operating voltage: 210-240 volts, Free air delivery: 120 lpm @ 90 psi, Tank volume: 10 liters (min), Auto on/off, Pump: Oil lubricated, Weight : 20kgs to 22 kgs, Speed-2850 rpm, Pressure-MAX 116 PSI, Noise Level -80dB, Capacity- Air Receive: 240 L, Voltage-220 V, | 25 | | |
| 8 | Blow lamp | Brass blow lamp with handle, container capacity :1 Lt or above, Kerosene operated, ISI mark | 10 | | |
| 9 | Portable Hand Planer | Bosch 3-1/4 Inch Woodworking Hand Planer with Carrying Case | 12 | | |
| 10 | Bench Vice | Heavy Duty Cast Iron, (6 inch) professional heavy steel Iron Bench Vice heavy duty swivel Base, red (150MM- Jaw Width) | 20 | | |
| 11 | Angle Grinder | For Grinding and shaping wood, stone and Bamboo material with Load Speed (rpm)- 900-11000 rpm, Power Source- Electric, Input Power-710 W | 15 | | |
| 12 | C Clamp | 3 Piece Mini C Clamp Set. 1", 2" & 3" (25,50,75mm) C-Clamps with Wide Jaw Openings, Swivel Shoe, Sliding T-Bar Handle for Quick & Easy Fitting | 100 | | |
| 13 | Bamboo Tool Kit Set | 24 individual pieces tool kit set used for handicraft/bamboo industry, which shall consist of items like (hammer, hacksaw, sharp knife, plier, filer, scissors, screw driver, etc) Make – Prashant Bamboo Machines | 390 | | |
| 14 | Vacuum pressure Bamboo Treatment Tank | Integrated/ portable unit, 600 mm x 12 ft , For longer life of bamboo after chemical treatment, Tested at 21 kg pressure and 650 mm of vacuum, With bottom chemical storage tank | 2 | | |
| 15 | Pliers | 8" Sturdy Steel Combination Plier Double Color Sleeve, with Jaws and Cutting Edge are Induction Hardened & Tempered, black phosphate finish anti rust protected, suitable for live wire working and household applications. | 50 | | |




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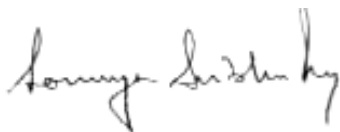
| SI No | Machine Name | Technical Specification | Quantity to be purchased | Rate | Amount |
|-------|------------------------------|--|--------------------------|------|--------|
| 16 | Scissors | 8" inch Brass handle steel scissors. | 50 | | |
| 17 | Hand Saw | 24" Hand Saw with Comfort Rubber Grip Handle Precision Double Ground Nickel Chromium Steel Hacksaw Hand Saw with 7-Teeth | 50 | | |
| 18 | Lathe Machine | Used for Carving around the bamboo surface, Length 7 ft, Working length 3.5 ft, 1 hp motor, Variable speed, tool set, Bottom frame, Heavy Duty cast iron frame and legs, Heavy duty system for holding bamboo | 10 | | |
| 19 | Treatment Vessel | Stainless Steel bamboo treatment vessel of dimension 6mX1.5mX0.7m (200 Ltr capacity) with storage stand or platform | 5 | | |
| 20 | Bamboo Dyeing Vessel | Stainless Steel bamboo treatment vessel of dimension 6mX1.5mX0.7m (200 ltr capacity) with storage stand or platform. | 5 | | |
| 21 | Tailor Scissor (Big) | Professional Stainless Steel Heavy Duty 10.5 Inch Big Tailor Scissors | 50 | | |
| 22 | Bamboo Cross Cutting Machine | The machine cuts Bamboo to uniform length, 1 HP Motor, 14" TCT Cutter-German tips, High number of Teeth, Bamboo Clamping Arrangement with help of foot, Gauge stick arrangement to be provided with, Machine fitted with DOL Starter(standard make), Push Button, Cutter rpm: 3000+, Safety Guards, Heavy Frame, Fast production rate: | 10 | | |
| 23 | Pilar Jig Saw | Throat dept 610mm/24 inch, Cutting Capacity 32mm /1.25 inch, table size 355mm X 305mm/ 14X 12 inch, Approx. Engine speed (RPM) 525-625, Power required-HP/RPM1/1440 | 20 | | |
| 24 | Hand Jig saw | Curve Control technology which allows to adjust the saw's orbit in 1 of 4 customized settings, 5 Amp variable-speed motor; up to 3,000 SPM of cutting power, Can make 45 degree bevel cuts; with adjustable shoe for stability, New and improved Wire Guard for more precise cuts Keyless blade clamp for tool-free | 20 | | |




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| SI No | Machine Name | Technical Specification | Quantity to be purchased | Rate | Amount |
|-------|------------------------------------|--|--------------------------|------|--------|
| | | blade change, Dust blower | | | |
| 25 | Glue Gun with Stick | Hot Melt Glue Gun Kit with 30pcs Silicon based glue sticks,Holding Stand and Scald-Proof Rubber Nozzle (20 Watts). | 25 | | |
| 26 | Traditional Cutting Tool/ hand Dao | All purpose super sharp iron hand Dao with wooden handle for cutting or sharpening wood/bamboo. | 50 | | |
| 27. | Hand Held Engraver Machine | 800W Electric Trimmer Handheld Laminate Edge Trimmer 1/4" Collet Wood Router Woodworking Milling Engraving Slotting Machine With transparent base, the processing work can be viewed clearly. Suitable for wood cutting, trimming, slotting and making holes. | 15 | | |
| 28 | Storage Racks | Pre-painted steel storage hollow racks having multiple compartments for storage of raw materials and other products, having individual hollow compartments/chambers measuring 0.6mX0.4mX0.35m | 86 | | |
| 29 | Sitting Stool | Good quality durable wooden sitting stools having dimension (L(0.35m) X B(0.25m)X H(0.15m)) | 100 | | |
| 30 | Working Table | Steel working tables of durable quality measuring, (2.5mX1mX1.2m) | 25 | | |
| 31 | Silent DG Set 6.5 Kva | Honda Power 6.5 KVA Silent Diesel Generator set, Cooling system – Air cooled. AC Output = 6.5 KVA, Electric Self start model, Portable size, Light weight, Diesel fuel. Fuel consumption - 1.25 Ltrs Diesel Per hour 175 Kgs weight only, Single Phase portable Model, Dimension/Size = 1030 x 520 x 780MM | 1 | | |
| 32 | Electronic Weighing Machine | Electronic Weighing Machine/Scales for 100kg with Calibration Certificate & Government Stamping from Weight & Measurement Department. With accuracy of 10gm, SS pan size (400X400mm) with high precision load cell, dual bright led display, in built battery back-up, auto calibration | 1 | | |




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| SI No | Machine Name | Technical Specification | Quantity to be purchased | Rate | Amount |
|-------|--------------|--|--------------------------|------|--------|
| | | facility, full capacity tare function, auto zero tracking, stand by mode, low battery indication, weather and water proof. | | | |

Price quoted should be for the no of quantity mentioned and should comprise of all taxes, transportation, etc, at no point the price shall exceed the quoted value.

Packing, transportation and Installation of the Machines:

The successful bidder shall be responsible for packing, transportation, installation and trail run of the machineries and equipments as per the following:

- a) The agency has to pack and transport the machines to the various clusters at Noney, Duilon, Guangram and Tamenglong village under the Noney and Tamenglong District.
- b) The agency shall install and demonstrate trail run of the machines at the clusters at Noney, Duilon, Guangram and Tamenglong village under the Noney and Tamenglong District.
 - i. **TRAINING:** The bidder should impart suitable training to a group of cluster artisans for operation and maintenance of the machines during installation at the cluster site and if required separate training program can be arranged with separate financial consideration.
 - ii. **SPARES:** The agency has to provide required spare parts as and when required for at least two year as per the market price. The present market price of the spare part shall be mentioned along with the quotation.
 - iii. **SERVICES:** The agency must be able to provide post sale services as and when required with a separate fee as per the market rate.
 - iv. **MRLS and MANUALS:** The supplier has to include manufacturer recommended list of spares and cost thereof for 2 years successful running of machine in their quotation. However the same will not be considered for finalization of order.
 - v. **GUARANTEE:** Supplier should give Bank guarantee 10% of quoted amount valid till period of work order for satisfactory performance of machines as per company norms from the date of successful installation of the machines.

