

Madhya Pradesh State Bamboo Mission

1. Tender Notice

1.1 General:

- 1.1.1 Office of the Madhya Pradesh State Bamboo Mission, invites sealed tenders from manufacturers, distributors or their authorized dealers for empanelment of firms to supply, installation and commissioning of machines (shown in annexure - 1) needed for bamboo based enterprising units for common facility centers situated in various forest division in MP Forest Department.
- 1.1.2 Tender document and other details are also available at the website: <http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>
- 1.1.3 In all respect hard copy of the sealed Technical bid, Financial bid & Earnest money deposit must be received at the office of the undersigned latest by **07.01.2019** on 3:00 PM and will be open Technical bid on the same day at same office on **07.01.2019** at 3:30 PM in the presence of such tenderer or their authorized representatives as may be present.
- 1.1.4 Financial bid document of successful technical bidder will be open on **14.01.2019** at **12:00 PM** in the office of MP State Bamboo Mission in the presence of such tenderer who will be qualified in technical bid or their authorized representatives as may be present.
- 1.1.5 All corrigendum/ amendments/changes if any will only be issue and made available only on <http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>

1.2 Key Dates:

S.NO	TASK	DATE & TIME
1	Advertisement of Notice in the website	17.12.2018
2	Submission of Hard copies of EMD, Technical & Financial bids	07.01.2019 till 3:00 PM at office of M.P State Bamboo Mission, Bhopal
3	Opening of technical bid	07.01.2019 on 3:30 PM at office of M.P State Bamboo Mission, Bhopal
4	Performance Audit of Machine	From 07.01.2019 to 13.01.2019
5	Opening of financial bid	14.01.2019 on 12:00 PM at office of M.P State Bamboo Mission, Bhopal

For any further queries, bidders may kindly contact

For more details, please contact on working days within working hours
(10:30 to 17:30)

Office of Mission Director M.P State Bamboo Mission

Add: 74 Bunglows, Khel Parisar, Bhopal, M.P 462003

Tel: 0755 2555524 Fax: 0755 2555523

Email: mpbamboomission@mp.gov.in



Madhya Pradesh State Bamboo Mission

2 Tender Rules

2.1 Scope of work

Office of the Mission Director M.P State Bamboo Mission (hereinafter referred as Tender Inviting Authority (TIA) invites bids from Manufacturers, Distributors or Authorized dealers for empanelment of firm to Supply, installation and commissioning of machines (shown in annexure - 1) needed for bamboo based enterprising units for common facility centers situated in various forest division in MP Forest Department (hereby known as purchaser)

2.2 Eligibility Criterion

The Tenderers should fulfill the following eligibility criteria:

- 2.2.1 The Tenderer should be Manufacturer, Distributor or Authorized Dealer having relevant License of Manufacturer and such a Registration should be valid as on the date of Tender submission. Tenderer must submit its legal status
- 2.2.2 Tenderer should submit item wise ISI/ISO certificate valid at the time and date of bid submission, issued by competent authority.
- 2.2.3 The Tenderer should have achieved annual turnover of more than Rs.1 crore (every FY) in the last three financial years, backed by practicing chartered accountant.
- 2.2.4 The Tenderer (and tenderer's principal manufacturer, if Tenderer is Authorized Dealer) should not be blacklisted either by the Tender Inviting Authority any State Government or by Government of India and its undertaking . Tenderer should be submitted in this regard a certificate that the Tenderer or its principal manufacturer (if applicable) is eligible to participate in the bid process.
- 2.2.5 The Manufacturer should be in the business of manufacturing of similar equipment for a period not less than 5 Years.
- 2.2.6 The Tenderer must submit the list with complete address of those firms or institutions to whom they have supplied the same machines in last three years and details of the performance of machines in Annexure - 2
- 2.2.7 The Tenderer must submit the Income tax & GST clearance certificate of last three years.

2.3 Earnest Money Deposit (EMD)

- 2.3.1 All tenders must be accompanied with Package wise EMD of amount 50,000 for each package separately along with Technical bid.
- 2.3.2 The EMD should be submitted in form of bank guarantee of Nationalized Bank/Scheduled Bank in Favor of **"Director Rajya Bans Mission" Bhopal** Earnest Money submitted in any other form will not be accepted and the tender will be rejected.
- 2.3.3 Earnest Money/Security Deposit to this office in previous tenders will not be adjusted towards the present tender and no request will be entertained in this regard.
- 2.3.4 The EMD of all unsuccessful Tenderers shall be returned within 7 days of signing of contract with successful Tenderer(s).
- 2.3.5 The EMD of successful Tenderer shall be returned after supply & installation of machines successfully by the Tenderer(s).



2.3.6 The EMD will be forfeited, in case successful Tenderer withdraws its Tender during the validity of bids OR the successful Tenderer who fails to sign the contract agreement OR fails to supply the machines in given time limit.

2.4 Validity of Tender

2.4.1 The Tender will be valid for a period of 90 days from the due date of submission of Tenders. A Tender valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive.

2.4.2 In exceptional circumstances, prior to the expiration of the Tender validity, the Tender Inviting Authority may request the Tenderers to extend the Tender validity for further period as deemed fit. The request and the responses thereto shall be made in writing. A Tenderer may refuse the request without forfeiting its EMD. A Tenderer, agreeing to the request will not be required or permitted to modify its Tender

2.5 Preparation and submission of Tender

2.5.1 The Tender should be typewritten and every correction and interlineations in the bid should be attested with full signature by the Tenderer, failing which the bid will be treated as ineligible. Corrections done with correction fluid should also be duly attested.

2.5.2 The tender should be submitted separately package wise :

PACKAGE NO	EMD	TECHNICAL BID	FINANCIAL BID
01 Special Purpose Machine	To be submitted package wise	All necessary documents along with Technical Tender form as per annexure 1.1	All necessary documents along with Financial Tender form as per annexure 3.1
02 Other Small Machines	To be submitted package wise	All necessary documents along with Technical Tender form as per annexure 1.2	All necessary documents along with Financial Tender form as per annexure 3.2
03 Activated carbon making plants from bamboo	To be submitted package wise	All necessary documents along with Technical Tender form as per annexure 1.3	All necessary documents along with Financial Tender form as per annexure 3.3
04 Charcoal making from bamboo waste	To be submitted package wise	All necessary documents along with Technical Tender form as per annexure 1.4	All necessary documents along with Financial Tender form as per annexure 3.4
05 Powder making from bamboo wood	To be submitted package wise	All necessary documents along with Technical Tender form as per annexure 1.5	All necessary documents along with Financial Tender form as per annexure 3.5

2.5.3 All documents/papers should be numbered, signed and sealed by the Tenderer on each page.

2.5.4 The Tender is required to be prepared and submitted in two parts viz. 'Envelope A - Technical bid' and 'Envelope B- Financial bid' in according to the check list attached in annexure-10.

- 2.5.5 The **'Envelope A- Technical bid'** shall contain all essential documents for Technical Tender. Such documents to include the following:
- 2.5.5.1 Earnest Money Deposit to be submitted for each package separately
 - 2.5.5.2 Duly filled and signed Technical Tender form to be submitted package se as per annexure – (1.1, 1.2, 1.3, 1.4, 1.5)
 - 2.5.5.3 Covering Letter as per annexure- 4
 - 2.5.5.4 Manufacturer's Authorization Letter as per annexure-5
 - 2.5.5.5 Performance Statement as per annexure-2
 - 2.5.5.6 Guarantee certificate as per annexure-6
 - 2.5.5.7 Self-attested copy of relevant License for Manufacturing/ Selling and distribution(whichever appropriate) of the product quoted duly approved by the Licensing authority for each schedule of product quoted as per specification in the tender.
 - 2.5.5.8 Self-attested copy of firm's registration certificate
 - 2.5.5.9 Audited Balance sheet and Profit and Loss Statement of last three financial years.
 - 2.5.5.10 Annual turnover statement of last three financial year backed by practicing chartered accountant.
 - 2.5.5.11 Undertaking (Not blacklisted by any TIA, state & central govt, etc)
 - 2.5.5.12 Self-attested copy of Item-wise ISO/ISI certificate.
 - 2.5.5.13 List of those firms/institutions to whom tenderer has supplied the some machines as per annexure - 2
 - 2.5.5.14 Self-attested copy of registration in GST department and its GST number
 - 2.5.5.15 Self-attested copy of Sales tax Clearance Certificate of last three financial years.
 - 2.5.5.16 Self-attested copy of Income Tax Clearance Certificate of last three financial years.
- 2.5.6 The **'Envelope B- Financial Bid'** shall contain duly filled, stamped and signed Financial bid in the format provided in Annexure – (3.1, 3.2, 3.3, 3.4, 3.5).

2.6 Tender Prices

- 2.6.1 The Tenderers should quote the rates in Annexure – (3.1, 3.2, 3.3, 3.4, 3.5) package wise for the item as per composition and Specification given in **point no. 7** of Annexure –1.
- 2.6.2 The Tenderer should mention the name of manufacturer of the item being quoted.
- 2.6.3 Rates inclusive of all types of taxes (i.e. Excise Duty, Customs duty, transportation, insurance, any incidental charges, State VAT/CST, and separately on door delivery basis (FOR Destination, at Stores), etc as per format given in Annexure – 3.1, 3.2, 3.3, 3.4, 3.5.
- 2.6.4 Quoted rates are valid up to one year from the date of signing of contract agreement and shall be firm during the currency of the contract.

2.7 Deviation

If the Tenderer submits the offer with deviation for item then Deviation statement should be submitted for every offer. In the absence of this the purchaser reserves the right to accept or reject the bid of that particular item. Bidder should submit Deviation statement in following format. No other formats will be accepted. In absence of deviation statement the tender will be rejected.

SN	Specification of Machine/Equipment mentioned in Tender Enquiry		Specification of Machine/Equipment offered by the Tender	If yes, indicate the deviation & whether it on + ve side & how
	Package no.	Machine no.		

2.8 Opening of Tenders

- 2.8.1 The Tenders shall be opened at the scheduled date, time and venue (**given in section 1.2**) by the committee constituted by the Tender Inviting Authority. The Tenderers' representative may attend the Tender opening.
- 2.8.2 During the tender opening as above, the envelopes containing Technical bid shall be opened first. The envelopes containing Financial bid shall be Opened on scheduled Date & Time after performance audit of machine.
- 2.8.3 Tenderers must maintain discipline at the time of opening of tender, any Tenderer if found creating nuisance or hinder the tender process will be blacklisted by TIA.
- 2.8.4 Change in date and time of opening of Financial Tenders shall be informed to all such Tenderers who qualify in technical evaluation & performance audit. Financial Tender will be open in presence of Tenderers or its representative who successfully qualify in technical bid evaluation.
- 2.8.5 In the event, the date of opening as above is declared government holiday; the tenders shall be opened at the same time on the next working day.

2.9 Evaluation of Tenders

- 2.9.1 The purchase committee, constituted by the TAI, shall evaluate the technical bid first with reference to technical requirements and various other commercial criteria given in the Tender Document. (Format for Technical evaluation as per Annexure- 1 and 1.1, 1.2, 1.3, 1.4, 1.5)
- 2.9.2 Criteria for evaluating technical competency shall have four basis (Power, Function, Metal standard and Specification) given in annexure - 1 in the form of required technical specification of the machines.
- 2.9.3 Financial bids will be considered of those tenderer who will secure 65 or more marks in performance audit evaluated by evaluation committee, as per annexure - 7
- 2.9.4 Only successful technical bidders will be considered for next round of bidding for deciding the financial criteria
- 2.9.5 The rate per unit for the tendered quantity, indicated in the Financial bid shall be considered for evaluation of Price and determining Tenderer.
- 2.9.6 No complaint shall be entertained by the Tender Inviting Authority after the opening of financial bid.
- 2.9.7 The team constituted by TIA (evaluation committee) will visit the site of bidders and at sites where their machines are running for performance audit.
- 2.9.8 The team constituted by TIA will evaluate the past performance of machines of these bidders and have the right to reject the lowest bidder if they don't find a satisfactory track record.
- 2.9.9 The evaluation committee will give extra weightage to the bidders who have customers who have done repeat purchases, who have export based customers, also the manufacturers who have manufacturing background with employees having facility of ESIC and PF and also good manufacturing setup.
- 2.9.10 Purchase committee will have power to select most suitable tenderer for supplying of machine on the basis of technical competency as per given in Annexure 1.1 and condition given in Section 2.5

2.10 **Award of Contract**

- 2.10.1 The Tenderer who successfully qualified in technical bid, performance audit etc. and has quoted lowest unit rate for an item shall be considered for award of contract and shall be informed by TIA.
- 2.10.2 The concern forest divisions (where these machine will be installed) will give the Separate purchase order to the success full tenderer for each package or machine which they fit to purchase for their CFCs.
- 2.10.3 The successful Tenderer shall execute an contract agreement (As per format given in Annexure - 8 on a Non-judicial stamp paper of value of Rs.100/- (stamp duty to be paid by the Tenderer) within 7 days from the date of the order given by concern DFO of the division.
- 2.10.4 If the successful Tenderer fails to execute/sign the agreement within the specified time or withdraw his/her tender after the intimation of acceptance of his/her tender or owing to any other reasons, his purchase order shall be cancelled and the EMD deposited by him with the tender shall stand forfeited by the Tender Inviting Authority besides debarring the Tenderer for a period of one year.
- 2.10.5 TIA shall be play a role of impaneling technically competent firms, their technical competency whereas purchasry (here Divisional Forest Offices of concerned division) will make the purchase order to successful tenderer as per L1 rates and shall execute agreement with tenderer for supply, installation and commissioning of machinery as per their requirement and make payments as per agreement signed by both party.

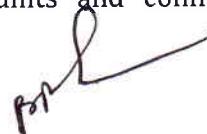
2.11 **Placement of Purchase Orders and Delivery Requirements**

- 2.11.1 The concern forest division shall place individual Purchase Order for supply of Items during the period of 1 year from the date of signing of contract with successful Tenderer(s). Concern forest division reserves the right to extend the validity of purchase order further by 3 months on the same rates and terms & conditions of the contract.
- 2.11.2 The supplier should complete the supply at the respective common facility centre (CFC) within 30 days from the date of issue of purchase order.
- 2.11.3 If at any time the Tenderer has, in the opinion of the purchasy, delayed the supply of Items due to one or more reasons related to force Majeure events such as riots, mutinies, wars, fire, storm, tempest, natural calamities or other exceptional events, the time for supplying the Items may be extended by the ordering authority at its discretion for such period as may be considered reasonable. However such extension shall be considered only if a specific written request is made by the Tenderer within 7 days from the occurrence of such event. The exceptional cause does not include scarcity of raw material, power cut and labour disputes.
- 2.11.4 The undersigned reserves the rights for any changes/cancellation/rejection of any part or whole tender, without assigning any reason what so ever.
- 2.11.5 Warrantee/Guarantee should be for a period of minimum 1 year from the date of successfully commissioning of tender.
- 2.11.6 All consignment must be dispatched freight paid to concern CFC "To pay" Railway Receipt/Freight Receipts will not be accepted. Loading /Unloading charges shall be borne by the supplier.
- 2.11.7 It must be noted that normally all correspondence and transactions will be made only with the parties whose tenders have been accepted and not with anybody else.

2.11.8 The purchaser reserves the right to split up the order for supply of articles at tender for amongst more than one tender.

2.12 Quality Testing Requirements:

- 2.12.1 The Items including its packaging, to be supplied, shall be of the best quality & ISI/ISO certified and shall comply with the specifications given in the Tender Document.
- 2.12.2 All Items should be supplied with quality certificate. The purchaser may get the items inspected by such person or persons he deems fit and to reject such of these items as in his opinion do not come up to the specification. The decision of the purchaser will be final in such cases. The rejected items will be returned on the bidder's cost.
- 2.12.3 If any of the Items supplied by the Tenderer, found to be 'Not of Standard Quality' after the delivery, the Tenderer should supply the whole Item quantity again irrespective of consumption of that particular item. The balance stock, if any, should be taken back within 7 days by the supplier at his/her own cost otherwise the authority will destroy it and no claim in this regard shall be entertained.
- 2.12.4 Purchaser shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost shall notify the Supplier, in writing in a timely manner, of the identity of any representatives retained for these purposes.
- 2.12.5 The inspections and tests may be conducted on the premises of the Supplier and/or at point of delivery. If conducted on the premises of the Supplier, all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the purchaser
- 2.12.6 Should any inspected or tested goods fail to confirm to the specifications, may reject the goods and the Supplier shall either replace the rejected goods or make alterations necessary to meet specification requirements free of cost to the purchaser
- 2.12.7 Office of the concern purchaser has the right to inspect, test and, where necessary, reject the goods after the goods' arrival at desired place shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by the Office of the purchaser prior to the goods shipment.
- 2.12.8 Nothing in this clause shall in any way release the Supplier from any warranty or other obligations under this Contract.
- 2.12.9 All the above processing equipment/instruments, manufacturer should have any of the following certifications, in respect of the product quoted, which must be furnished along with the tender.
- ISO 9000 Certification
 - BIS Certification
 - Any other certification from a recognized agency.
- 2.12.10 The supplied machinery /equipment/ operating system should be accompanied by the operational/ Instructions/ operational diagram/ anual/booklet and warranty papers etc.
- 2.12.11 The Supplier shall be responsible for all unpacking, assemblies, wiring, installations, cabling between hardware units and connecting to power



supplies. The Supplier will test all machinery/hardware operations and accomplish all adjustments necessary for successful and continuous operation of the hardware at all installation sites.

- 2.12.12 The Supplier will accomplish preventive and breakdown maintenance services up to the warranty period to ensure that all machinery /hard-wares work without defect or interruption for 95% uptime for 24 hours a day, 7 days a week of operation of the unit. If any critical component of the configuration is out of service for more than three days within warranty period, the Supplier shall either immediately repair the defective unit or replace it on site at its own cost. The Supplier will respond to a site visit and commence repair work on the equipment within 24 hours of being notified of equipment malfunction.
- 2.12.13 All machines should be fitted with motor, DOL starter, push button, Reverse forward switch, Cable: 12 ft
- 2.12.14 All motors: ONLY Crompton or Kirloskar. All three phase
- 2.12.15 DOL starter: Siemens/ C&S/ L&T/ Equivalent
- 2.12.16 Reverse Forward Switch/ foot switch to be provided with wherever required
- 2.12.17 Belts fenner make only, Cables: Polycab/ finolex/ equivalent
- 2.12.18 MCB (seimens make only) with Box to be provided on multi motor machine
- 2.12.19 All machines to be Heavy Duty, to have safety guards
- 2.12.20 Guarantee(for any manufacturing defect) of 12 months to be provided

2.13 Training

- 2.13.1 For each unit of machinery component installed, the Supplier is required to train the designated CFCs technical and end-user personnel within 30 days of installation so as to enable them to effectively operate.
- 2.13.2 The successful Tenderer have to provide minimum 12 hours training per month for a period of one year to the bamboo artisans & departmental staff at CFCs at their own cost. Also they have to submit report of progress, participation, productivity, etc. on the same to office of purchasary.

2.14 Payment Terms

Payment for Goods and Services shall be made as follows:

- 2.14.1 **1st Installment (50%)** of the payment at the time of delivery after proper inspection and physical verification of the supplied item.
- 2.14.2 **2nd Installment (35%)** of the payment after successful installation, commissioning, training and trail of machines.
- 2.14.3 **3rd Installment (15%)** of the payment shall be paid after one year successful running of machines i.e. after the completion of warranty/guarantee period.
- 2.14.4 No advance payment either with order or against delivery chalan will be made to the supplier in any case. Hence the supplier should not stipulate condition of advance payment or offer any discount on payment in time limit either. The terms of payment are neither negotiable nor conditional. Payment shall be made after successful installation and commissioning of the machinery in working condition.

2.15 Penalty Conditions

- 2.15.1 In case the delivery period is extended with liquidated damages, the Ordering Authority shall impose liquidated damages @0.5% per week of the delivered price of the delayed items or part thereof until the actual delivery is made up to a maximum deduction of 10% of the contract price.

2.15.2 If the delay is for more than one year, the order shall be subject to unilateral termination and consequential action at the discretion of the Purchasry. In case of termination for default or non compliance with the terms of the contract the security shall be liable to be forfeited. Purchasry shall then be free to procure the goods and services from any other source.

2.16 Settlement of Disputes

- 2.16.1 The purchaser and the supplier shall make every effort to resolve, amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- 2.16.2 In case of any dispute Mission Director, MP State Bamboo Mission will be the appealing authority & arbitrator for both the parties (i.e. Purchaser & Supplier) and final decision making authority will be PCCF (E/R & Lok Vaniki), MP Forest Dept.
- 2.16.3 No Appeal shall be preferred while the tender is in process and until tender is finalized and Notification of award is issued by the purchaser.
- 2.16.4 In no event will the & purchasry be liable for any loss of profits, loss of savings, or incidental, indirect , special or consequential damages 'arising out of' or 'in relation to' the present tender.
- 2.16.5 Neither the puchasry shall be liable for any claims, losses, costs, damages of any nature whatsoever nor the Tenderer shall claim expenses for any cause or causes, including any legal liability arising 'out of' or 'in relation to' the present tender.
- 2.16.6 The Tenderer shall be solely responsible for any deficiency in services and supplies given by him including the quality and specification of machineries and the Tenderer shall be liable to incurred the losses suffered by the purchasry due to the fault on the part of the Tenderer.
- 2.16.7 The maximum liability of purchasry shall be limited to the extent of payment of goods delivered as per terms of this tender document. Purchasry shall not bear any other financial liability such as interest on delays etc.
- 2.16.8 Tender inviting authority (TIA) is a firm empanelment agency for technical purpose so TIA shall not be responsible for any payment dispute for payment, damage or loses between purchases and suppliers

2.17 Downloading of the Tender Documents

The tender documents can be downloaded online from the website:
(<http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>)

2.18 Payment of tender document fee

- 2.18.1 Although the tender document can be purchased from office of Mission Director M.P State Bamboo Mission by paying a sum of Rs. 1000/-
- 2.18.2 It can also be downloaded from the website <http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>, the bidder has to pay a sum of INR 1000 (Rupees One Thousand only) towards tender document fee by way of demand draft from any nationalized bank in the name of "Director Rajya Bans Mission" Bhopal along with bid documents at the time of submission of bids.

Specification and Minimum requirements of machines

Package No.	Machine Name	Total Power Required	Functions	Metal Standard	Specifications	Quality Parameters	Quantity
1	Special Purpose Machine	5 HP	Split Bamboo into parallel side edges	<ul style="list-style-type: none"> Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing All shafts should be made of EN24/20mmcr5, hardness(55HRC+) 	<ul style="list-style-type: none"> Cutter shall be mounted on an up-down assembly, easily settable Machine should come with 10 Nos washers, for enabling different settings, Washers should be ground Bamboo length to split : 5FT 	<ul style="list-style-type: none"> Machine should have clamping arrangements, safety up-down arrangement Machine should have minimal vibrations 	9
2	Wood Lathe Machine (Industrial turning)	3 HP		<ul style="list-style-type: none"> Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing All shafts should be made of EN24/20mmcr5, hardness(55HRC+) 	<ol style="list-style-type: none"> Minimum Weight - 1400Kg Centre to centre distance 2500mm Minimum job length to be turned - 7.50 ft. Swing over bed - 19" Spindle speed to be permissible- 8 Nos Accessories 8" through chuck Chuck shall be capable of holding 19" to 1" dia 	<ol style="list-style-type: none"> IS 1878-1971 standard Motor Kirloskar or equivalent DOL starter, R/F switch etc. 	6
	Vacuum Pressure impregnation Plant	6HP	Chemical treatment of Bamboo	IS 2062 Mild Steel Sheets to be used for main tank heavy door with heavy hinges & easy movement silicon rubber seals.	<p>Useable Diameter: 600mm X Length : 12ft</p> <p>With rail (Inside & Outside both) and trolley</p> <p>Bottom tank Capacity to be 2.5 times the main tank capacity.</p> <p>Give pumps, manifolds, valves, gauges, pressure switches, sight glass, chemical straining arrangement, control panel etc.</p>	Should achieve 600 mm of HG Vacuum. Should give 14 kg/cm2 Pressure without any leakages	6
	Internal Knot removal cum siver Machine	2 HP	Remove internal Knot	Rollers should be of EN24/ 20mmcr5 material, hardened to 55 HRC+ blade	Rollers: min dia 95 mm All Rollers Should have teeth/serrated	easy adjustability of blade, heavy and sturdy fixture and clamping	9
	Four Side Planner Machine	Min 7 HP	make a rectangular crosssection of strip with parallel edges	spindle bearings SKF/NBC only ball or roller bearing only not pedestal bearing spindle made of En 24 20 mmcr 5 hardened 55 HRC+ all rollers to be made of en 24 20f mmcr 5 hardened 55 hrc +	4 cutters 5 motors adjustable in width and height range in width 12 mm 40 range in thickness 5 mm 25 mm	should give clean finish and parallel rectangular surface should give consistent input size and finish machine should be easily adjustable	8
	Round stick machine(13mm to 5 mm)	7 HP	For making round stick	The various critical contact elements in the machine should have 60 HRC hardness. Rollers should be of EN24/ 20mmcr5 material, hardened to 55 HRC The round cutter should have min 12 T and shall be able to make min 12 sticks at a time. Spindle Bearings SKF/NBC or equivalent only. Allspindles should be made of EN24/ 20 mmcr, hardened (55 HRC+)	3 Cutter, 3 motor machine. Machine weight: min 375 Kg	should give perfect round: 1.27mm-should give min 12 sticks at a time, should take input of min 450 mm long slice Machine should process one slice per second i.e 60 slice in one min Machine should be covered from all sides and should have dust protection guards for operator Surface finish of sticks should be good	5

PPR-2

Package		Machine Name	Total Power Required	Functions	Metal Standard	Specifications	Quality Parameters	Quantity
No.	Name							
1	2	3	4	5	6	7	8	9
		Round stick machine, for 8-10 mm dia, to be used for bamboo nail		For making round stick of different profiles	same as above	same as above	same as above	3
		Slicer Machine for Agarbatti stick		For slicing for agarbatti sticks	same as above	same as above	same as above	5
		Stick polishing Machine		For stick polishing	same as above	same as above	same as above	5
		Stick Sizing Machine		for sizing of sticks	same as above	same as above	same as above	5
2	Other Small Machines	Crosscut Machine	1 HP Electric Motor	Cut Bamboo at Cross Section	<ul style="list-style-type: none"> Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing. Spindle: made of EN24/20mncr5, hardness(55HRC+) and ground 	<ul style="list-style-type: none"> 14" TCT Cutter - German tips, Dynamically balanced Cutter (Cheap chinese made not acceptable) Cutter rpm : 3000 or more Machine weight(without packing) : Min 80 Kg. Bamboo Clamping arrangement : with the help of foot Gauge stick arrangement to be provided with 	<ul style="list-style-type: none"> The machine cuts bamboo in the uniform length The machine should give a clean cut to bamboo Safety of operators should be ensured Machine should have minimal vibrations 	15
		External Knot Remover Machine	1.5 HP	Remove outer Knot of Bamboo	<ul style="list-style-type: none"> Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing. All shafts should be made of EN24/20mncr5, hardness(55HRC+) 	<ul style="list-style-type: none"> Dynamically balanced Cutter 16" TCT cutter(Cheap chinese made not acceptable) Specialty designed Carbide Tipped Circular Saw Heavy cutter OD: 260mm 	<ul style="list-style-type: none"> Machine should have safety guards all over Machine should have minimal vibrations 	15
		Belt and Disc Sander	1 HP	give good surface finish	Frame heavy angle or channel in mild steel functional parts in cast iron	belt size	heavy machine	15
		Wood Kharad Machine (carpentry)	1HP	bamboo lathe	Frame heavy angle or channel in mild steel functional parts in cast iron	min 6mt. height and min 7mt. in length	heavy machine	8
		Mitre Machine	0.5 HP		As per Standard		heavy machine	5
		Saw Sharpening machine for all cutter		Cutter Grinder for grinding all the profiles of cutters	As per Standard	Capacity - 1/4 H.P. 1440 rpm Type of drive speed - V Belt 4500 rpm Max. collect capacity- 10mm Rotation of tool head - 0 to 45 degree Longitudinal Traverses - 100 mm Cross Traverse - 50 mm Least count of micrometer - 0.02 mm	heavy machine	8
		Vertical Drill Machine	1HP	drill holes in bamboo	size 3/4 with hole saw of 25 mm, 35 mm, 50 mm with drill set and drill chuck	bamboo clamping arrangement vice	heavy machine	8
		Pneumatic Nail Machine			As per Standard	As per Standard	heavy machine	8
		Grinding Machine	1HP		As per Standard	As per Standard	heavy machine	8
		Hot Air Industrial Oven			As per Standard	As per Standard	heavy machine	5

Per

Package		Machine Name	Total Power Required	Functions	Metal Standard	Specifications	Quality Parameters	Quantity
No.	Name	3	4	5	6	7	8	9
3	Activated carbon making plants from bamboo	Kiln of 1 ton capacity for pyrolyses of bamboo as per need	As per need	Bamboo carbonization at 1000°C temperature to activate carbon (steam washing)	Inner capsule ss-310 standard, outer capsule to bear 1200°C temperature other parts which are contact of such thermal atmosphere should be as per standard	Inner capsule 1 meter diameter cylinder 1.5 meter long, outer cylinder must be as per standard for supplying the heat to inner cylinder	1. Syngases will be reused for fuel 2. Electric/LPG/Fuel 3. Steam washing facility at high temperature 4. 1000°C temperature duration for at least three hour	1
4	Charcoal making from bamboo waste	Kiln of 1 ton capacity as per need	As per need	Bamboo carbonization upto 400°C	Inner capsule ss-310 standard, outer capsule to bear 500°C temperature other parts which are contact of such thermal atmosphere	Inner capsule 1 meter dia cylinder, 2 meter long, outer cylinder must be as per standard supply the required heat for inner cylinder	1. Syngases will be reused for fuel 2. Electric/LPG/wood based fuel 3. 400°C temperature for two hour duration.	3
5	Powder making from bamboo wood	1. Bamboo/wood/cutter/chapper machine 2. Bamboo pulveriser machine with heavy duty hammer	5HP 20 HP	Chapping bamboo below 10mm size High swing grinding mill fine power is swept by blower suction check the over size particles, regulate fineness, sand is separated	Cutter/Blades should be capable of threshing bamboo Made of best material, heavy body (Grinding chamber) - heavy cone body (whizzer chamber) - casting body, changeable lining scissor plates set lined with cone body, manganese steel lines, striking face of grinding chamber should be lined with inner	1. Minimum vibration and sound 2. Safety measures as per specification 3. Crompton electric motor 4. Cutter & blade should be proper size, wastage should be minimum Grinding Chamber with packet/DVCT, small piece of iron nuts/bolts are trapped, spherical bearing, main drive shaft run on two double raw self aligning heavy duty, 18" pulverizer body (broad chamber), 16" Impact pulverizer body from within the inner, more production, All cloth bags, machine pully guard belts Cromton electric meter	More than 200 Kg./hour production of 120 mesh size powder. More than 200 Kg./hour production of 120 mesh size powder.	3
		3. Screening machine Heavy size 4. Heavy mixer cap 1000 kg	0.5HP 2HP		Screening of powder of desired size 120 mesh Mixing of various size powder	Sieve quality Mixer metal	More than 200 Kg./hour production of 120 mesh size powder. 1000kg capacity	3

- Note-
- Suppliers can specify their Machine's functions, metal standard, specification and quality parameters separately if they feel that their standards are better than given specification. but in any case comparison of rate of Machines shall be done the basis of given minimum specification
 - Quality of Machine can be changed by 25% as per requirements.

Handwritten signature

TECHNICAL TENDER FORM FOR PACKAGE 1

(On the original letter head of the manufacturer, should be submitted separately for each package)

Ref No:

Date:

To,
Mission Director,
M.P State Bamboo Mission

Sub:

Dear Sir,

We, the undersigned have examined the above mentioned Tender document. We now offer to supply and deliver Item/Equipment in conformity with your above referred document and as per table below:

1. Package name Package Number.....

S.NO	NAME of Machine	MODE L NO	POWER	FUNCTION	METAL STANDARD	SPECIFICATION	QUALITY PARAMENTER	NAME OF MANUFACTURE	QUANTITY

Deviation if any, as per section 2.7 of Tender Document.

- If our tender is accepted, we undertake to supply the Item/Equipment in accordance with the delivery requirements given in the Tender document.
- We agree to keep our tender valid for acceptance as required in the Tender Document, or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.
- We confirm that we fully agree to the terms and conditions specified in above mentioned Tender Document, including amendment/ corrigendum if any.

Authorized Signatory Name & Signature with Seal	
Date	



**PROFORMA FOR PERFORMANCE STATEMENT
(FOR THE PERIOD OF LAST THREE YEARS)**

(On the original letter head of the manufacturer, should be submitted separately for each package)

Ref No:

Date:

To,
Mission Director,
M.P State Bamboo Mission

Sub:

Dear Sir,
List of Machine Sale Since Last Three Years is as follows-

Tender NO	
Date of Opening	
Name of Bidder	

Name & Address, mobile, e-mail of Purchaser	Order No & Date	Description & Quantity of order item	Order Value	Date of Delivery	Reason of delay in delivery (if any)	Attach satisfaction Certificate issued by Purchaser	Present Status
1	2	3	4	5	6	7	8

Authorized Signatory Name & Signature with Seal	
Date	



FINANCIAL TENDER FORM

(To be filled in prescribed Excel format only & same to be submitted for financial Bid, should submit separate sheet for each Package)

(On the original letter head of the manufacturer, should be submitted separately for each package)

Ref No:

Date:

To,
Mission Director,
M.P State Bamboo Mission

Sub:

Dear Sir,

We, the undersigned have examined the above mentioned Tender document. We now offer to supply and deliver Item/Equipment in conformity with your above referred document and as per table below:

1. Package name Package Number.....

S.NO	MACHINE NAME	MODEL NO	QUANTITY	RATE/UNIT	TOTAL AMOUNT

Note:

- Separate sheet will be used for each package of machines.
- Rate should be inclusive of all types of taxes.
- Rate must be inclusive of cost of transportation + loading/unloading + installation+ trail & training of machines



FORMAT OF COVERING LETTER

Ref No:

Date:

To,
Mission Director, M.P State Bamboo Mission

Sub: Submission of Supply of, Tender No.

Dear Sir,

As per terms & conditions of the tender following documents are submitted as under:

Package No	Earnest Money Deposit Amount	Bank Guarantee No.	Date	Issuing Bank
01				
02				
03				
04				
05				
06				
07				
08				

we have quoted rates for items (Number of quoted item to be mentioned) in the Packages as stated below:

Package No	Total items in tender form	No of item quoted

The entire item is quoted with brand name & full specification. The technical detail as desired is submitted in prescribed format as per enclosed Annexure

Authorized Signatory Name & Signature of Tenderer with seal	
Complete Address:	
Phone, Fax & Mobile no:	
Email: Id	
Website:	
Firms Registration No	
Firms Registration No. in sales tax department	
PAN No.	
GSTN No	

MANUFACTURERS' AUTHORIZATION FORM

Ref No:

Date:.....

To,

Mission Director, M.P State Bamboo Mission

Dear Sir,

We ----- who are established and reputable manufacturers of (name and description of goods offered) having factories at -----(address of factory) do hereby authorize M/s -----(Name and address of Agent) to submit a bid, and sign the contract with you for the goods manufactured by us against the Tender Published by you.

No company or firm or individual other than M/s ----- are authorized to bid, and conclude the contract for the above goods manufactured by us, against this specific Tender.

Yours faithfully

(Name)

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a Competent person. This AUTHORIZATION FORM should be notarized. It should be attached in the bid.



GUARANTEE CERTIFICATE

(On the original letter head of the manufacturer)

Ref No: Date:

To,
Mission Director, M.P State Bamboo Mission

Sub:

Ref:

M/s

Dear Sir,

With reference to the above, this is to certify that the following item has been supplied by our Authorized Dealer M/s

SN	Package	Machine Name	Item Name & Description	QTY

We further certify that the material supplied as above has been duly pre inspected by us and have been found to be in conformity with specification as per the terms & conditions of the supply order.

They are hereby guaranteed for a period of 12 months from the date of receipt at respective CFC; against any material defects, manufacturing defects (Including assembly installation, commissioning as applicable) and bad workmanship.

In case of any defect, we guarantee to replace the same immediately without at any cost.

Seal & Signature of Dealer	Dealer Seal & Signature of Manufacturer
---------------------------------------	--

Handwritten signature

Evaluation Sheet (To be Filled by Evaluation Committee)

Name of Tenderer:

Maximum Marks: 100

S.NO	Name of Machine	Function (Max. Marks=25)	Power (Max. Marks=25)	Metal Standard (Max. Marks=25)	Specifications (Max. Marks=25)	Total Marks Obtained (out of 100)
1						

Note:

1. Marks will be allotted on the basis of given specification and minimum requirements of machines in sec 2.22
2. Each Member of evaluation committee will fill separate sheet for every machine and average of these marks will be taken into consideration for the purpose of Marks calculation for each machine separately.



CONTRACT AGREEMENT FORM

(On the Non-Judicial Stamp)

THIS AGREEMENT made the..... Day of, 20__ between _____
 _____ (hereinafter "the Purchaser") of the one part and M/s _____
 _____ (hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz. Supply of machineries in the tender reference -----and has accepted a bid by the Supplier for the supply of those goods and services for the sum of Rs. _____ /- (Rupees _____ only) (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to, and they shall be deemed to form and be read and construed as part of this agreement.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - a) The Letter of Acceptance issued by the purchaser.
 - b) The Notice Inviting Tender
 - c) The supplier's bid including enclosures, annexure, etc.
 - d) The Terms and Conditions of the Contract
 - e) Technical Specifications and minimum requirements of machines.
 - f) Any other document listed in the supplier's bid and replies to queries, clarifications issued by the purchaser, such confirmations given by the bidder which are acceptable to the purchaser and the entire Addendum issued as forming part of the contract.
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide, the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

CHECKLIST**Checklist For Envelope 'A' (Technical Bid)**

SN	Documents	Submitted Y/N	Page No
1	Earnest Money Deposit (EMD)		
2	Technical Tender form as per Annexure-1.1, 1.2, 1.3, 1.4, 1.5		
3	Format of Covering Letter as per Annexure-4		
4	Manufacturers' Authorization form as per Annexure-5		
5	Performa for Performance Statement as per Annexure-6		
6	Guarantee Certificate as per Annexure-7		
7	Self Declaration for not having been debarred/blacklisted either by the Tender Inviting Authority or by any State Government or by Government of India on INR 100 Judicial Stamp		
8	Self-attested copy of relevant License for Manufacturing/Selling and distribution (whichever appropriate) of the product quoted duly approved by the Licensing authority for each schedule of product quoted as per specification in the tender.		
9	Self-attested copy of firm's registration certificate		
10	Self-attested copy of registration in sales tax department		
11	Sales tax clearance certificate of last three FY		
12	Income Tax clearance certificate of last three FY		
13	Turnover Certificate of Minimum Rs. 1 crore issued by practicing CA for last three FY		
14	Copies of Audited balance sheet & profit-loss account for last three FY		
15	Self attested copy of item wise CE/ISO/ISI/GMP certificate		

Checklist For Envelope 'B' (Financial Bid)

SN	Documents	Submitted Y/N	Page No
1	Financial Tender Form as per Annexure-(3.1, 3.2, 3.3, 3.4, 3.5)		

Authorized Signatory Name & Signature with Seal	
Date	

BYD

NOTICE FOR EXPRESSION OF INTEREST (EOI)

Notice

Office of the Madhya Pradesh State Bamboo Mission, invites sealed tenders "FOR CONDUCTING MARKET RESEARCH AND SURVEY WITH ANALYSIS REPORT FOR INDUSTRIAL DEMAND & SUPPLY OF BAMBOO" in Madhya Pradesh and its Neighboring States. Market Research for commercial/Industrial Demand and Supply of Bamboo with survey in 7 Cities (Bhopal, Indore, Jabalpur, Ujjain, Nagpur, Nasik and Ahmadabad), regions given in the tender document and on exit points from Madhya Pradesh at Sendhwa, Sasundra (Multai), Khawasa, Rajegaon, Hanumana, Chakghat, Murena and Jhabua on state border barriers in the context of affordability, accessibility and availability of Bamboo.

The tender document and other details are available for purchase at **Rs. 1000/- INR** from, 74 Bungalows Khel Parisar, Bhopal, Madhya Pradesh 462003 in the Office of MP State Bamboo Mission. Tender document and other details are also available on the website: <http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>, <http://tenders.gov.in/> from dated **17-12-2018** In all respect hard copy of the sealed Technical bid, Financial bid & Earnest money deposit and tender fees (if downloaded from website) must be received at the office of the undersigned latest by **07-01-2019** on **3:00 PM** and Technical bid will be opened on the same day at same office at **3:30 PM** in the presence of such tenderers or their authorized representatives as may be present. Financial bid document of successful technical bidders will be opened on **08-01-2019** at **12:00 PM** in the office of MP State Bamboo Mission in the presence of such tenderer who will be qualified in technical bid or their authorized representatives as may be present.

All corrigendum/ amendments/changes if any will only be issue and made available only on <http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>.

Key Dates

S.NO	TASK	DATE & TIME
1.	Advertisement of tender Notice	17-12-2018
2.	Advertisement of tender Notice on the website	17-12-2018
3.	Submission of Hard copies of EMD, Technical & Financial bids	07-01-2019 till 3:00 PM at office of M.P State Bamboo Mission, Bhopal
4.	Opening of technical bid	07-01-2019 on 3:30 PM at office of M.P State Bamboo Mission, Bhopal
5.	Opening of financial bid	08-01-2019 on 12:00 P.M. at office of M.P State Bamboo Mission, Bhopal

For any further queries, bidders may kindly contact

For more details, please contact on working days within working hours (10:30 to 17:30)

Office of Mission Director M.P State Bamboo Mission

Add: 74 Bungalows, Khel Parisar, Bhopal, M.P 462003

Tel: 0755 2555524 Fax: 0755 2555523

Email: mpbamboomission@mp.gov.in



Tender Rules

1. Scope of Tender

Office of the Mission Director, Madhya Pradesh State Bamboo Mission(MPSBM) (hereinafter referred as Tender Inviting Authority and/or Tender Acceptance Authority and/or Ordering Authority unless the context otherwise requires) invites bids from Marketing and Market Research Organizations/Companies, for conducting a Market Research (Survey and Analysis Report) on Commercial & Industrial Demand of Bamboo. Research should be based on availability, size, quality, quantity and variety of Bamboo.

2. Purpose

In Madhya Pradesh large scale bamboo plantation has been taken up on farmers field under various government schemes such as Krishi Vaniki se Krashak Samradhi Yojna of Forest Department and National Bamboo Mission. After harvesting bamboo Growers will need market for their produce in their vicinity. Marketing of raw Bamboo is a problem, because of its bulky nature, high transportation cost, fast deterioration.

Bamboo is in demand in construction sector as scaffolding, in small bamboo based industries and for the support of horticulture crops and fruit bearing crops in rural areas such as Banana, Chili, Tomato, Grapes and Orange. Recently demand of bamboo is also growing in board making industries. All these demands of bamboo are not in sequential order, as there is no regular supply chain of bamboo from growers site to the consumers. more over there is no organized bamboo market in the bamboo growing clusters. . Bamboo is being grown in eastern part of state whereas demand of bamboo is more in western part of state. Most of the bamboo is coming from North Eastern state because of its better quality whereas most of state grown bamboo is going to Maharashtra and Andhra Pradesh, Gujarat, Uttar Pradesh for its specific quality. Grower do not know where is market for bamboo sale, whereas bamboo industries and traders are do not know about the availability of bamboo. Therefore supply chain of bamboo marketing is highly fractured with respect to the bamboo consumers.

Madhya Pradesh State Bamboo Mission is going to envisage a study to evaluate the ways and means in order to redress this problem as "**Bamboo Market Research**".

3. Nature of Work

3.1. Important Problem areas to be covered under "**Bamboo Market Research**"

- I. Identification of Bamboo supply centres
- II. Identification of Bamboo demand centres
- III. Identification of Bamboo Traders & Transporters
- IV. Identification of Bamboo Market places in different cities
- V. To estimate Sale rate at growing centre
- VI. To estimate transportation cost
- VII. To estimate the trading rate in various demand centre

3.2. Defining the problem -

- I. Purpose of study - Relevant background information
- II. Necessary data - How information gathered
- III. Decision makers
- IV. Interviews with industry
- V. Experts
- VI. Analysis of secondary data
- VII. Qualitative research
- VIII. Focus groups

3.3. Development of an approach to the problem

- I. Theoretical framework
- II. Construction analytical models
- III. Generating Research Questions
- IV. Hypothesis
- V. Identifying characteristic
- VI. Factor that can influence the design

3.4. Formulation of Research Design

- I. Procedure for collecting information
- II. Test of hypothesis of interest
- III. Determining possible answers to the research questions
- IV. Providing the information of decision making
- V. Conducting exploratory research
- VI. Explicitly defining the variables
- VII. Designing appropriate scales to measure
- VIII. How data will be collected from respondents
- IX. Designing questionnaire and sampling plan to select respondents to reply

3.5. Final Step

- I. Secondary data analysis
- II. Qualitative research
- III. Methods of collecting quantitative data
- IV. Definition of information needed
- V. Measurements & scaling procedures
- VI. Questionnaire design
- VII. Sampling process and sample size
- VIII. Plan of data analysis
- IX. Data Collection
- X. Data preparation & analysis
- XI. Report preparation and presentation.

4. SCOPE OF WORK

4.1. Location: The Market Research has to be done on the mentioned 7 cities of India, 8 state barriers for transit flow of bamboo and demand of bamboo in western Madhya Pradesh

Table-1

	Name of Cities		State Barriers		Regions
(a)	I. Bhopal II. Indore III. Ujjain IV. Jabalpur V. Nagpur VI. Nasik VII. Ahmadabad	(b)	I. Sendhwa- on AB road II. Sasundra (Multai) - on Betul-Nagpur road III. Khawasa - on Seoni-Nagpur road IV. Rajegaon -on Balaghat-Nagpur road V. Hanumana- on Rewa-Mirzapur road VI. Chakghat-on Rewa Allahabad road VII. Murena-on AB road VIII. Jhabuwa-on Indore-Ahmedabad road	(c)	I. Nimad Region II. Burhanpur, Badwani, Dhar, Khandwa, Khargaoan III. Khandesh Region (Maharashtra) IV. Bhusawal and Jalgaon V. Vidarbha Region VI. Nasik, Chopra, Nanded, Jalnapurham, Nagpur, Nandoorbar

4.2. Survey: A survey should be conducted in the cities/regions and at state barrier points mentioned in section 4.1 to collect data regarding:

- (a)
 - I. To identify the bamboo traders of every class and gather information regarding their source and supply
 - II. To identify the supply chain and customer base of the bamboo traders of larger scale of the mentioned cities & regions.
 - III. To estimate the bamboo trade in terms of Rs and quantity in ton, Nos and in running meter.
 - IV. To identify the quantity of bamboo which is being supplied and bought
- (b)
 - I. To collect annual flow of bamboo from Madhya Pradesh to other state & vice versa through barrier mentioned in 4.1. (b)
 - II. List of traders who are supplying and buying bamboo.
 - III. Name of species of bamboo which are being traded through these barriers.

4.3. Research: A Research should be conducted in the cities & at state barrier points and region mentioned in section 4.1

- I. To identify the potential buyers of bamboo for commercial and trading purposes
- II. To identify the potential industries which consumes bamboo in large and small scale
- III. To identify different types of industries where bamboo is being supplied to the mentioned cities & regions.
- IV. To identify the supply chain of the industries which are consuming bamboo in larger scale
- V. To identify the supply of bamboo with respect to size, quality, quantity and variety.

VI. To identify the cost price and selling price of bamboo in depots and trading units of the mentioned cities & regions

VII. Demand of bamboo in agriculture sector for crop support like - grapes, oranges, banana, chili, tomato, papaya etc. in the regions given in section 1.1(c)

4.4. Process : The following process would be additionally adopted by the tenders along with their own specific survey and research methodology

1- Data accuracy will be seen with less than 10% standard deviation in any parameter decided by MPSBM Raw data will also be shown in report.

2- Sampling methodology and sample size will be taken as per statistical norms considering the market demand in and peak periods.

3- Questionnaire will be prepared with MPSBM for collecting the relevant data in various type of survey.

4- Sufficient interaction will be established among various bamboo stakeholders like transporters, bamboo traders, bamboo sellers and buyers and bamboo product manufacturers in cities listed in section 4.1

4.5. Report: A report should be compiled by studying the data collected by the survey and Market Research which will consist

i. The data of traders with their contact information

ii. The description of demand and supply of bamboo with respect to the size, quality, quantity and variety of bamboo

iii. City and region wise description of Cost price and Selling Price bamboo

iv. The description of supply chain and customer base of the traders in the cities and regions mention in section 4.1

v. The description of potential industries which are consuming bamboo and buying bamboo from the circles of mentioned cities and regions

vi. The description city wise consumption of bamboo with respect to size, quality, quantity and variety of bamboo

vii. The description of potential market and industrial demand where bamboo can be supplied

viii. Any other interested information which is desired in the report.

5. Project Cost , Period and Eligibility Criteria

5.1. Project Value

1. The value of the Project is defined here should be less than 20.00 lakh

2. The value will be estimated on the basis of activities proposed by tenders

5.2. Time Period

1. The Time Period of the Market Research is 4 Months from the date of Allotment

5.3. Eligibility Criteria

5.3.1 Technical

I. Any company registered under the companies act 1956 of Constitution Of India can apply

- II. The company should have a local office in Bhopal (M.P.)
- III. The company/Agency should have an experience of at least 5 years in the field of marketing and market research
- IV. The company should have employed at least 5 Marketing Personnel with individual experience of at least 5 years each
- V. The company should have at least 3 consultants of forestry management or 3 experts in the field of Forest and Bamboo in their consultant panel who are consulting the company for at least 1 year
- VI. The company should have at least 2 consultants of export and import trading who are consulting the company for at least 1 year
- VII. The company should have conducted at least 5 surveys, 3 of which should be related to bamboo.
- VIII. The organization/ industry should not have been blacklisted by Central/State Government departments/ Undertakings/ Statutory bodies.
- IX. The organization/ industry should have a valid PAN / GST Registration in India (if applicable). A copy of PAN card and GST Registration certificate to that effect needs to be submitted

1.3.2. Financial Proposal

- I. The company should have an annual turnover of more than Rupees 15 Lacs in the last financial year.
- II. The company should have conducted at least 1 Market Research of value of Rupees 5 Lakhs or more.

6. Earnest Money Deposit (EMD)

1. All tenders must be accompanied with EMD of Rs 25,000 along with Technical bid.
2. The EMD should be submitted in form of irrevocable bank guarantee of Nationalized Bank/Scheduled Bank in Favor of "**Director Rajya Bans Mission**" Earnest Money submitted in any other form will not be accepted and the tender will be rejected.
3. Earnest Money/Security Deposit to this office in previous tenders will not be adjusted towards the present tender and no request will be entertained in this regard.
4. The EMD of all unsuccessful Tenderers shall be returned within 7 days of signing of contract with successful Tenderer(s).
5. The EMD of successful Tenderer shall be returned after submitting of final report successfully by the Tenderer(s).
6. The EMD will be forfeited, in case successful Tenderer withdraws its Tender during the validity of bids OR the successful Tenderer who fails to sign the contract agreement OR fails to submit report in given time limit.

7. Validity of Tender

1. The Tender will be valid for a period of 90 days from the due date of submission of Tenders. A Tender valid for a shorter period shall be rejected by the Tender Inviting Authority(TIA).
2. In exceptional circumstances, prior to the expiration of the Tender validity, the Tender Inviting Authority may request the Tenderers to extend the Tender validity for further period as deemed fit. The request and the responses thereto shall be made in writing. A Tenderer may refuse the request without forfeiting its EMD. A

Tenderer, agreeing to the request will not be required or permitted to modify its Tender

8. Preparation and submission of Tender

- 8.1 Technical valuation shall be done as per criteria given in column I of Table-2
- 8.2 Tenderer should mention the name qualification expertise of persons who will be involved in conducting the market research along with the CV.
- 8.3 The Tender should be typewritten and every correction and interlineations in the bid should be attested with full signature by the Tenderer, failing which the bid will be treated as ineligible. Corrections done with correction fluid should also be duly attested.
- 8.4 All documents/papers should be numbered, signed and sealed by the Tenderer on each page.
- 8.5 The Tender is required to be prepared and submitted in two parts viz. 'Envelope A - Technical bid' and 'Envelope B- Financial bid'.
- 8.6 The '**Envelope A- Technical bid**' shall contain all essential documents for Technical Tender. Such documents to include the following:
 - 8.61 Earnest Money Deposit (Rs 25,000) to be submitted
 - 8.62 Tender fees if tender is downloaded from website and not purchased from MPSBM office
 - 8.63 Duly filled and signed Technical Tender form as per Annexure-1
 - 8.64 Covering Letter as per Annexure- 3
 - 8.65 Undertaking (Not blacklisted by any TIA, state & central govt, etc)
 - 8.66 Self-attested copy of firm's registration certificate
 - 8.67 Self-attested copy of registration in sales tax department and its GST number
 - 8.68 Self-attested copy of GST Clearance Certificate of last financial years.
 - 8.69 Self-attested copy of Income Tax Clearance Certificate of last three financial years.
 - 8.610 Annual turnover statement of last three financial year backed by practicing chartered accountant.
 - 8.611 Audited Balance sheet and Profit and Loss Statement of last three financial years.
 - 8.612
- 8.7 The '**Envelope B- Financial Bid**' shall contain duly filled, stamped and signed Financial bid in the format provided in Annexure - (2).

9. Tender Valuation Criteria

- 9.1 The Tenderers can quote the rates in Annexure - (2) for the item as per specification given in section 4.2, 4.3, 4.4 & 4.5 of tender document. Any variation, if found, will result into the rejection of the tender.
- 9.2 Rates inclusive of all types of taxes
- 9.3 No financial bid price shall be considered which is more than 20 lakhs or more than 1.5 times of lowest bid price.
- 9.4 Quoted rates are valid up to one year from the date of signing of contract agreement and shall be firm during the currency of the contract.

10. General Terms and Conditions

- 10.1 Rate for the entire project should be quoted inclusive of the cost of Services, Development, Documentation, Manpower cost, Transportation, maintenance and also inclusive of charges of GST and other taxes as applicable.

- 10.2 All information, document, photos and data coming in the possession of firm, as a result of the execution of the job shall at time remain the property of MPSBM.
- 10.3 The firm shall not make or allow to make an unauthorized copy, use, access or other utilization of these materials commercially or otherwise, directly or indirectly except as agreed to by the MPSBM.
- 10.4 The firm shall also ensure complete confidentiality of the information and data provided to carrying out the job.
- 10.5 The firm has to complete job assigned within the mutually agreed time and if the job is not completed within the stipulated time, a penalty @10% of the cost of the uncompleted job for each month will be imposed on the firm.
- 10.6 Under any circumstance the firm shall not appoint any sub-contractor or sub lease the contract. If violated the conditions, the firm will be terminated.
- 10.7 The rate quoted once will remain same for the entire period of contract. Any Conditions of the firm sent along with the proposal if any, shall not bind on MPSBM.
- 10.8 There is no binding on MPSBM to accept the lowest bid.
- 10.9 TDS as applicable on date will be deducted from the firm's actual bill submitted for payment.
- 10.10 The price accepted by the committee is final and no deviation from it will be accepted in this regard.
- 10.11 In case of any dispute between the parties, The Director, MPSBM will be the sole arbitrator, whose decision will be binding on both the parties.
- 10.12 The procuring entity reserves the right to accept or reject any or all bids without assigning any reason thereof.
- 10.13 Conditional offer/bids submitted by fax/email or after the due date time will be rejected.
- 10.14 The selected service provider/Agency will have to complete the job as per term and conditions specified above.

11. Opening of Tenders

1. The Tenders shall be opened at the scheduled date, time and venue by the committee constituted by the Tender Inviting Authority. The Tenderers' representative may attend the Tender opening.
2. During the tender opening as above, the envelopes containing Technical bid shall be opened first. The envelopes containing Financial bid shall be Opened on Scheduled Date & Time.
3. Tenderers must maintain discipline at the time of opening of tender, any Tenderer if found creating nuisance or hinder the tender process will be blacklisted by TIA.
4. The date and time of opening of Financial Tenders shall be informed to all such Tenderers who qualify in technical evaluation. Financial Tender will be open in presence of Tenderers or its representative who successfully qualify in technical bid evaluation.
5. In the event, the date of opening as above is declared government holiday; the tenders shall be opened at the same time on the next working day.

12. Evaluation of Tenders

A two-stage procedure is utilized in evaluating the proposals, with evaluation of the technical proposal being completed prior to any financial proposal being opened and compared. The financial proposal will be opened only for submissions that passed the minimum technical score of 65 score points in the evaluation of the technical proposal. The technical proposal is evaluated by the technical committee formed by MPSBM. In the Second Stage, the financial proposal of all organizations, who have attained minimum 65 point score in the technical evaluation, will be compared. The contract will be awarded to the organization on the basis of marks obtained in technical bid as well the price quoted in financial bid.

Technical Bid evaluation Table-2

S.no	Description	Maximum Marks	Supporting Documents
1	Background and registration of organization	5	Registration certificate [document should be attached for support]
2	The bidder must have an average financial turnover of at least. 15 Lakhs (Individual/consortium) for the last three (3) consecutive financial years	15	Audited accounts statement (15 marks for average turnover of Rs 15 Lakhs) [document should be attached for support]
3	The company should have conducted at least 1 Market Research of value of Rupees 5 Lakhs or more (10 marks for each survey) Maximum - 3 market survey report	30	Work order/ Sanction order (10 marks for 1 project) [document should be attached for support]
4	Expertise available with the agency/firm for the proposed services/ availability of appropriate skills among staff, etc. Agencies/firms may associate to enhance their qualifications.	40 (20 marks for each for 2 staffs)	Minimum 2 Permanent Office bearer/functionaries with back ground work Experience with industrial chambers/ associations Qualified in Bamboo /Forestry/wood from premier institutions of the country e.g. FRI/ICFRE/International Institute, Experienced with National/ International developmental or forestry organizations working with Brands/Retailers/Industry of International repute. (Attach CV)
5	Proven strength in networking with multiple stakeholders' particularly with bamboo growers, traders, Industry etc.	10	[document should be attached for support]
	Total	100	



Technical cum Financial Bid Evaluation Table-3

(Only those tenderer will be included who got 65% marks in technical bid)

Tenderer name & details	Marks obtained in technical bid	Moderation factor in technical bid	Qualifying marks for final tally	Bid price in financial bid	Moderation factor in financial bid	qualifying marks for final tally	Total marks for final selection
1	2	3	4	5	6	7	8
		(Column 2/100)	(Column (3)x50)		column(5)/lowest price in financial Bid	50/ column (6)	Column (4) + column (7)

13. Award of Contract

- 13.1 The Tenderer who successfully qualified in technical bid and has quoted in financial bid shall be considered for award of contract.
- 13.2 The selection of successful bidder shall be evaluated on the basis of marks obtained in technical bid. Moderation factors be obtained by dividing marks obtained by 100 (maximum marks in technical bid). Then qualifying marks will be obtained by multiplying moderation factors to 50. In the same way whatever financial price will be of successful technical bidders that will be divided by lowest price bid for obtaining moderation factors for financial bidding. Then qualifying marked will be obtained by dividing moderation factor to 50. At last the qualifying marks obtained in the technical and financial bid will be added together. Finally successful bidder will be selected on the basis of maximum marks obtained in accordance with the Table-3.
- 13.3 The successful Tenderer shall execute an agreement (As per format given in Annexure – 4 on a Non-judicial stamp paper of value of Rs.100/- (stamp duty to be paid by the Tenderer) within 7 days from the date of the intimation from Tender Inviting Authority informing that his tender has been accepted.
- 13.4 If the successful Tenderer fails to execute/sign the agreement within the specified time or withdraw his/her tender after the intimation of acceptance of his/her tender or owing to any other reasons, his purchase order shall be cancelled and the EMD deposited by him with the tender shall stand forfeited by the Tender Inviting Authority besides debarring the Tenderer for a period of one year. Simultaneously work shall be allotted to next one who is second in final qualifying round.

14. Placement of Purchase Orders and Delivery Requirements

The Tender Inviting Authority will execute the work order upon award of contract to the successful bidder.

14.1 Timelines for deliverables

The expected time for implementation of the project will be 4 months from the time allotment of work order. The tenderer shall have to submit a deliverables against the monthly Action Plan.



14.2 Payment Schedule

The fees payable to selected tenderer shall be released in the manner indicated below

Milestone	Percentage of fees payable	Time Line
After successful completion of field work. (Information Gathering) and compilation of work, content development, brainstorming, etc. in close coordination with MPSBM team.	35%	2.5 months from the date of sanctioned of project
Submission of interim project report,	35% After approval of draft report to the MPSBM	3.5 months from the date of sanctioned of project
After submission of final report to the MPSBM and its approval.	30%	4.0 months from the date of sanctioned of project

No advance shall be payable to tenderer and payment shall be released against running bills during course of implementation of the project.

The selected firm shall make a detailed Presentation at MPSBM on prescheduled date, before the start of survey and research work. It will include the Planning & Information gathering process in survey and research work, formats and tables to be compiled, types of results to be presented and list of records and persons to be contacted for project work. After approval from MPSBM the tenderer will start project work. Minor changes in the project will be incorporated after consultation with the MPSBM.

Finalization of Project Work will be subject to complete approval of the Mission Director, MPSBM

The personal of the selected agency will be in direct contact with the office of MPSBM and work in close consultation during the project period.

Project cost will cover all the expenses of stationary, compilation and documentation including, boarding and lodging etc. for the personal engaged in the survey and research, no other payment will be made except the project cost whatsoever it may be.

15. Facilities to be provided by the MPSBM:

- 15.1 Office space and computer facilities can will be provided when agency will come to MPSBM office for consultation.
- 15.2 Facilities for stay in forest rest house may be provided at the time of field survey as per availability on request of firms. Applicable payment for stay at FRH will be made by the agency itself.
- 15.3 The personal of the firm/agency deputed, shall have to make his/her own conveyance arrangements.

16. Final Deliverables

Comprehensive report will be prepared and submitted after detailed discussion and consultation with MPSBM according to the nature of work given in Section 3.



17. Penalty Conditions

- 17.1 Deliverables by tenderer will be measured after each month and any delay in implementation will be liable to penalty of 10% of the cost of balance work of project , for each month delays.
- 17.2 If the delay is for more than three months, the order shall be subject to unilateral termination and consequential action at the discretion of the Mission Director, MP State Bamboo Mission. In case of termination for default or non compliance with the terms of the contract the security shall be liable to be forfeited. Mission Director, MP State Bamboo Mission shall then be free to procure the services from any other source.

18. Settlement of Disputes

- 18.1 The MPSBM and the firm shall make every effort to resolve, amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- 18.2 In case of any dispute PCCF (R&E & Lok vaniki) will be the sole arbitrator for both parties and his decision will be final & binding on both the parties.
- 18.3 No Appeal shall be preferred while the tender is in process and until tender is finalized and Notification of award is issued by the MPSBM.
- 18.4 In no event will the TIA be liable for any loss of profits, loss of savings, or incidental, indirect , special or consequential damages 'arising out of' or 'in relation to' the present tender.
- 18.5 Neither the TIA shall be liable for any claims, losses, costs, damages of any nature whatsoever nor the Tenderer shall claim expenses for any cause or causes, including any legal liability arising 'out of' or 'in relation to' the present tender.
- 18.6 The Tenderer shall be solely responsible for any deficiency in services and supplies given by him including the quality of work and the Tenderer shall be liable to incurred the losses suffered by the TIA due to the fault on the part of the Tenderer.
- 18.7 The maximum liability of TIA shall be limited to the extent of payment of services delivered as per terms of this tender document. TIA shall not bear any other financial liability such as interest on delays etc.

19 . Downloading of the Tender Documents

The tender documents can be downloaded online from the following websites:
<http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>, <http://tenders.gov.in/>

20 . Payment of tender document fee

- 20.1 The tender document can be purchased from office of Mission Director M.P State Bamboo Mission by paying a sum of Rs. 1000/-
- 20.2 It can also be downloaded from the website <http://mpforest.gov.in/>, <http://www.mpbamboomission.org/>, the bidder has to pay a sum of INR 1000 (Rupees One Thousand only) towards tender document fee by way of demand draft from any nationalized bank in the name of "Director Rajya Bans Mission" Bhopal along with bid documents at the time of submission of bids.

21. Opening of Tender

The concerned Department Official receiving the tender or his duly authorized person shall open the tender.



TECHNICAL TENDER FORM

S.No.	PARTICULARS	DESCRIPTION
1	Name, Address, email and telephone number of the agency/firm.	
2	Name, Designation, Address and telephone no. of the authorized person.	
3	Whether firm is registered in societies act or companies act or any other act, Please attach copy of firms registration details, PAN, GST, etc.	
4	Annual turnover: 2015-16, 2016-17 and 2017-18. Along with audited account statement should be attached.	
5	Last 3 years Income tax Returns, including service tax,/GST (Please attach attested copy)	
6	Details of experience and Details of similar assignment (Please attach copy with sanction letter/ work order)	
7	Please enclose the list of permanent professional along with their CV and number of year of association with organization.	
7	Describe organization knowledge about Market Survey and research (Human Resource Skill set and profiles)	
8	Proposed work Plan and Approach	

Note- Self attested Document should be attached for support

Authorized signatory
Name & Signature with seal

Date



FINANCIAL TENDER FORM

Financial Bid for Application Development (Attach Separate sheets, if necessary)

Please provide detail financial implication to the organization with break up.

(All prices/rates quoted must comply with the terms and conditions of mentioned in Tender.)

The Financial Plan must provide a detailed cost breakdown.

S.No	Name of work	Contract Agreement Time period	Cost (in INR) to be quoted by the bidder
1.	MARKET RESEARCH AND SURVEY WITH ANALYSIS REPORT FOR COMMERCIAL /INDUSTRIAL DEMAND & SUPPLY OF BAMBOO . (the cost should be inclusive of all taxes)	4 Month	

Total cost in words:

Declaration:

This is to certify that I/We before signing this job assignment have read and fully understood all the terms and conditions contained in the document and undertake myself/ourselves to strictly abide by them.

Authorised signatory

Name & Signature with seal

Date



FORMAT OF COVERING LETTER

Ref No:

Date:

To,
Mission Director, M.P State Bamboo Mission

Sub: MARKET RESEARCH AND SURVEY WITH ANALYSIS REPORT FOR
COMMERCIAL /INDUSTRIAL DEMAND & SUPPLY OF BAMBOO

Dear Sir,

As per terms & conditions of the tender following documents are submitted as under:

- Earnest Money Deposit
- Tender fees (if downloaded from website)
- Technical Bid Form (Envelop-A)
- Financial Bid Form(Envelop- B)

Authorised signatory

Name & Signature with seal

Date



CONTRACT AGREEMENT FORM

(On the Non-Judicial Stamp)

THIS AGREEMENT made the..... Day of, 20__ between _____
_____ (hereinafter "the Purchaser") of the one part and M/s _____
_____ (hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that services viz. "MARKET RESEARCH AND SURVEY WITH ANALYSIS REPORT FOR COMMERCIAL /INDUSTRIAL DEMAND & SUPPLY OF BAMBOO" in the tender reference -----and has accepted a bid by the Supplier for the supply of the services for the sum of Rs. _____ /- (*Rupees _____ only*) (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to, and they shall be deemed to form and be read and construed as part of this agreement.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - a) The Letter of Acceptance issued by the purchaser.
 - b) The Notice Inviting Tender
 - c) The supplier's bid including enclosures, annexure, etc.
 - d) The Terms and Conditions of the Contract
 - e) Technical Specifications and minimum requirements of application.
 - f) Any other document listed in the supplier's bid and replies to queries, clarifications issued by the purchaser, such confirmations given by the bidder which are acceptable to the purchaser and the entire Addendum issued as forming part of the contract.
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide, the services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The purchaser hereby covenants to pay the Supplier in consideration of the provision of the services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief services which shall be supplied / provided by the Supplier are as under

.....



PAYMENT SCHEDULE:

Milestone	Percentage of fees payable	Time Line
After successful completion of field work. (Information Gathering) and compilation of work, content development, brainstorming, etc. in close coordination with MPSBM team.	35%	2.5 months from the date of sanctioned of project
Submission of interim project report,	35% After approval of draft report to the MPSBM	3.5 months from the date of sanctioned of project
After submission of final report to the MPSBM and its approval.	30%	4.0 months from the date of sanctioned of project

PENALTY CONDITIONS:

IN WITNESS where of the parties here to have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said _____ (For the Purchaser)

In the presence of

Signature

Name

Address

Witness 1. _____ 2. _____

Signed, Sealed and Delivered by the

Said _____ (For the Supplier)

in the presence of

Signature

Name

Address

Witness 1. _____ 2. _____

CHECKLIST**Checklist For Envelope 'A' (Technical Bid)**

SN	Documents	Submitted Y/N	Page No
1	Earnest Money Deposit (EMD) & Tender fees		
2	Technical Tender form as per Annexure-1		
3	Format of Covering Letter as per Annexure-3		
4	Self Declaration for not having been debarred/blacklisted either by the Tender Inviting Authority or by any State Government or by Government of India on INR 100 Judicial Stamp		
5	Self-attested copy of firm's registration certificate		
6	Self-attested copy of registration in sales tax department		
7	GST/Sales tax clearance certificate of last three FY		
8	Income Tax clearance certificate of last three FY		
9	Turnover Certificate of Minimum Rs. 15 Lakhs issued by practicing CA for last three FY		
10	Copies of Audited balance sheet & profit-loss account for last three FY		
11	Self attested copy of item wise CE/ISO/ISI/GMP certificate		

Checklist For Envelope 'B' (Financial Bid)

SN	Documents	Submitted Y/N	Page No
1	Financial Tender Form as per Annexure-(2)		

Authorized Signatory Name & Signature with Seal	
Date	





NOTICE FOR EXPRESSION OF INTEREST (EOI)
FOR CONDUCTING MARKET RESEARCH AND SURVEYS WITH ANALYSIS
REPORT FOR INDUSTRIAL DEMAND SUPPLY IN 7 CITIES

Clarification

In tender condition no. 5.3.1 wherever word Company is used that should be read as "Company under Companies act 1956, trust or society registered under societies act and consortium of these.



(BB Singh, IFS)

Addl. Principal Chief Conservator of Forest
& Director, MP State Bamboo Mission

मध्यप्रदेश राज्य बांस मिशन
अभिरूचि की अभिव्यक्ति

बांस संसाधन सर्वेक्षण

यदि सभी 15 वनवृत्तों के सर्वेक्षण के लिये एक ही संस्था सक्षम नहीं है तो एक से अधिक संस्थाओं का चयन कर अलग-अलग वनवृत्तों का कार्य आवंटित किया जा सकेगा। अतः ऐसी संस्थाएँ जो सभी वनवृत्तों में सर्वेक्षण न कर कुछ ही वनवृत्तों में सर्वेक्षण करना चाहती हैं, भी निविदा प्रस्तुत कर सकती हैं।



(बी.बी.सिंह)

संचालक, राज्य बांस मिशन
म.प्र. भोपाल

NOTICE FOR EXPRESSION OF INTEREST (EOI)
FOR CONDUCTING MARKET RESEARCH AND SURVEYS WITH ANALYSIS
REPORT FOR INDUSTRIAL DEMAND SUPPLY IN 7 CITIES

Amendment

In tender condition no. 12 – Evaluation of tenders - technical bid evaluation point 4 of table 2 “20 marks for each for 2 staffs” is here by deleted.



(BB Singh, IFS)

Addl. Principal Chief Conservator of Forest
& Director, MP State Bamboo Mission

Amendments in Annexure -1 of Tender Notice for Empanelment of firms to supply, installation and commissioning of machines is as highlighted

Annexure-1

Specification and Minium requirements of machines

Package		Machine Name	Total Power Required	Functions	Metal Standard	Specificarions	Quality Parameters	Quantity
No.	Name	3	4	5	6	7	8	9
1	Special Purpose Machine	Radial Splitter Machine Single Side Machine (Chain Splitter)	3 HP	Split Bamboo into side edges	• All shafts should be made of EN24/20mncr5, hardness(55HRC+)	• Grills (4,6,8) • Bamboo length to split : 5FT	• Machine should have clamping arrangements, safety arrangement • Machine should have minimal vibrations	9
		Wood Lathe Machine (Industrial turning)	3 HP		• Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing. • All shafts should be made of EN24/20mncr5, hardness(55HRC+)	1. Minimum Weight - 1400Kg. 2. Centre to centre distance 2500mm 3. Minimum job length to be turned -7.50 ft. 4. Swing over bed -19" 5. Spindle speed to be permissible- 8 Nos 6. Accessories 8" through chuck 7. Chuck shall be capable of holding 19" to 1" dia	1. IS 1878-1971 standard 2. Motor Kirlosakar or equivalent 3. DOL statarter, R/F switch etc.	6
		Vaccum Pressure impregnation Plant	6HP	Chemical treatment of Bamboo	IS 2062 Mild Steel Sheets to be used for main tank heavy ddr eith heavy hinges & easy movement silicon rubber seals.	Useable Diameter: 600mm X Lenth :12ft With rail (Inside & Outside both) and trolley Bottom tank Capacity to be 2.5 times the main tank capacity. Give pumps, mabifolds, valves, gauges, pressure switches, sight glass, chemical stirring arrangement, control panel etc.	Should achieve 600 mm of HG Vacuum: Should give 14 kg/cm2 Pressure without any leakages.	6
		Internal Knot removal cum sliver Machine	2 HP	Remvoe internal Kont	Rollers should be of EN24/ 20mncr5 material, hardened to 55 HRC+ blade	Rollers: min dia 95 mm All Rollers Should have teeth/ srrrated	easy adjustability of blade, heavy and sturdy fixture and clamping	9
		Four Side Planner Machine	Min 7 HP	make a rectangular crossection of strip with rarallel edges	spindle bearings SKF NBC only ball or roller bearing only not pedestal bearing spindle made of En 24 20 mncr 5 hardened 55 HRC+ all rollers to be made of en 24 20f mncr 5 hardened 55 hrc +	4 cutters 5 motors adjustable in withd and height range in withth 12 mm 40 range in thickness 5 mm 25 mm	should give cleam finsh and parallel rectangular sufface should give consistent input size and finsh machine should be easily adjustable	8
		Round stick machine(1.3mm to 5 mm)	7 HP	For making round stick	The various critical contact elemnets in the machine should have 60 HRC hardness. Rollers should be of EN24/ 20mncr5 material, hardened to 55 HRC The round cutter shuld have min12 T and shall be able to make min 12 stickes at a time. Spindle Bearings. SKF/ NBC or equivalent only. Allspindles should be made of EN24/ 20 mncr, hardened (55 HRC+)	3 Cutter, 3 motor machine . Machine weight: min375 kg	should give perfect round: 1.27mm- should give min 12 stickes at a time, should take input of min 450 mm long slice. Machine should process one slice per second i.e 60 slice in one min Machine should be coverd form all sides and should have dust protection guards for operator Surface finish of sticks should be	5

म.प्र. राज्य बांस मिशन, भोपाल


Package		Machine Name	Total Power Required	Functions	Metal Standard	Specificarions	Quality Parameters	Quantity
No.	Name	3	4	5	6	7	8	9
1		Round stick machine, for 8-10 mm dia, to be used for bamboo nail		For making round stick of different profiles	same as above	same as above	same as above	3
		Slicer Machine for Agarbatti stick		For slicing for agarbatti sticks	same as above	same as above	same as above	5
		Stick polishing Machine		For stick polishing	same as above	same as above	same as above	5
		Stick Sizing Machine		for sizing of sticks	same as above	same as above	same as above	5
2	Other Small Machines	Crosscut Machine	1 HP Electric Motor	Cut Bamboo at Cross Section	<ul style="list-style-type: none"> Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing. Spindle: made of EN24/20mncr5, hardness(55HRC+) and ground 	<ul style="list-style-type: none"> 14" TCT Cutter - German tips, Dynamically balanced Cutter (Cheap chinese made not acceptable) Cutter rpm : 3000 or more Machine weight(without packing) : Min 80 Kg. Bamboo Clamping arrangement : with the help of foot Gauge stick arrangement to be provided with 	<ul style="list-style-type: none"> The machine cuts bamboo in the uniform length The machine should give a clean cut to bamboo Safety of operators should be ensured Machine should have minimal vibrations 	15
		External Knot Remover Machine	1.5 HP	Remove outer Knot of Bamboo	<ul style="list-style-type: none"> Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing. All shafts should be made of EN24/20mncr5, hardness(55HRC+) 	<ul style="list-style-type: none"> Dynamically balanced Cutter 16 TCT cutter(Cheap chinese made not acceptable) Specially designed Carbide Tipped Circular Saw. Heavy cutter OD: 260mm 	<ul style="list-style-type: none"> Machine should have safety gusrds all over Machine should have minimal vibrations 	15
		Belt and Disc Sander	1 HP	give good surface finish	Frame heavy angle or channel in mild steel functional parts in cast Iron	belt size	heavy machine	15
		Wood Kharad Machine (carpentry)	1HP	bamboo lathe	Frame heavy angle or channel in mild steel functional parts in cast Iron	min 6mt. height and min 7mt. in length	heavy machine	8
		Mitre Machine	0.5 HP		As per Standard	As per Standard	heavy machine	5
		Saw Sharpening machinefor all cutter		Cutter Grinder for grinding all the profiles of cutters		Capacity - ¼ H.P. 1440 rpm Type of drive speed - V Belt 4500 rpm Max. collect capacity- 10mm Rotation of tool head - 0 to45 degree Langitudinal Traverses - 100 mm Cross Traverse - 50 mm Least count of micrometer - 0.02 mm	heavy machine	8
		Vertical Drill Machine	1HP	drill holes in bamboo	size3/4 with hole saw of 25 mm, 35 mm, 50 mm with drill set and drill chuck	bamboo claming arrangemnt vice	heavy machine	8
		Pneumatic Nail Machine			As per Standard	As per Standard	heavy machine	8
		Grinding Machine	1HP		As per Standard	As per Standard	heavy machine	8



Package		Machine Name	Total Power Required	Functions	Metal Standard	Specificarions	Quality Parameters	Quantity	
No.	Name	3	4	5	6	7	8	9	
1	2	Hot Air Industrial Ovan		Min. temp. 100°C & Max. temp. 125°C with tempreture regulator	As per Standard	8'x4'x4'	heavy machine	5	
3	Activated carbon making plants from bamboo	Kiln of 1 ton capacity for pyrolyses of bamboo as per need	As per need	Bamboo carbonization at 1000°C temperature to activate carbon (steam washing)	Inner capsule ss-310 standard, outer capsule to bear 1200°C temperature other parts which are contact of such thermal atmosphere should be as per standard	Inner capsule 1 meter diameter cylinder 1.5 meter long, outer cylinder must be as per standard for supplying the heat to inner cylinder	1. Syngases will be reused for fuel 2. Electric/LPG/Fuel 3. Steam washing fascility at high temperature 4. 1000°C temperature duration for at least three hour	1	
4	Charcoal making from bamboo waste	Kiln of 1 ton capacity as per need	As per need	Bamboo carbonization upto 400°C	Inner capsule ss-310 standard, outer capsule to bear 500°C temperature other parts which are contact of such thermal atmosphere	Inner capasule 1 meter dia cylinder, 2 meter long, outer cylinder must be as per standard supply the required heat for inner cylinder	1. Syngases will be reused for fuel 2. Electric/LPG/wood basde Fuel 3. 400°C temperature for two hour duration.	3	
5	Powder making from bamboo wood	1. Bamboo/wood/cutter/chapper machine	5HP	Chapping bamboo below 10mm size	Cutter/Blades should be capable of thrashing bamboo	1. Minimum vibration and sound 2. Safety measures as per specification 3. Crompton electric motor 4. Cutter & blade should be proper size , wastage should be minium	More than 200 Kg./hour production of 120 mesh size powder.		
		2. Bamboo pulveriser machine with heavy duty hamneer	20 HP	High swing grinding mill fine power is swept by blower sauction check the over size particles, regulate fineness, sand is separated	Made of best material, main body (grinding chember) - heavy fabricated, cone body(whizzer chamber) - casting body, changeable lining scissor plates set lined with cone body, magnese steel lines, striking face of grinding chamber should be linned with linner.	Grinding Chamber with packet /DVCT, small piece of iron nuts/bolts are trapped, spherical bearing, main drive shaft run on two double raw self aligning heavy duty, 18" pulverizer body (broad chamber), 16" Impact pulverizer body from within the linner, more production, All cloth bags, machine pully guard belts Cromton electric meter	More than 200 Kg./hour production of 120 mesh size powder.	3	
		3. Screening machine Heavy size	0.5HP		Screening of powder of desired size 120 mesh	Sieve quality		More than 200 Kg./hour production of 120 mesh size powder.	3
		4. Heavy mixer cap 1000 kg	2HP		Mixing of various size powder	Mixer metel		1000kg capacity	3

Note-

- Suppliers can specify their Machine's functions, metal standard, specification and quality parameters separately if they feel that their standards are better than given specification. but in any case comparison of rate of Machines shall be done the basis of given minimum specification
- Quality of Machine can be changed by 25% as per requirements.


 संचालक
 म.प्र. राज्य बांस मिशन, भोपाल


U.O./No.Dir./MPSBM..13.....

Date...3-01-2019

NOTICE FOR EXPRESSION OF INTEREST (EOI)
FOR CONDUCTING MARKET RESEARCH AND SURVEY WITH ANALYSIS
REPORT FOR INDUSTRIAL DEMAND SUPPLY IN 7 CITIES

Amendment

In tender condition No. 5.3.1(VII) - Eligibility Criteria - Technical " The company should have conducted at least 5 surveys, 3 of which should be related to bamboo." is hereby replaced with " The company should have conducted at least 3 surveys, 1 of which should be related to bamboo."


(B B Singh) 3/1/2019

Addl. Principal Chief Conservator of Forest
& Director, MP State Bamboo Mission
Bhopal

Amendments in Annexure -I of Tender Notice for Empanelment of firms to supply, installation and commissioning of machines is as highlighted

Annexure-I

Specification and Minium requirements of machines

Package		Machine Name	Total Power Required	Functions	Metal Standard	Specificarions	Quality Parameters	Quantity
No.	Name	3	4	5	6	7	8	9
1	Special Purpose Machine	Radial Splitter Machine Single Side Machine (Chain Splitter)	3 HP	Split Bamboo into side edges	• All shafts should be made of EN24/20mncr5, hardness(55HRC+)	• Grills (4,6,8) • Bamboo length to split : 5FT	• Machine should have clamping arrangements, safety arrangement • Machine should have minimal vibrations	9
		Wood Lathe Machine (Industrial turning)	3 HP		• Spindle Bearing : SKF/NBC only, Ball or roller bearing only, no pedestal bearing. • All shafts should be made of EN24/20mncr5, hardness(55HRC+)	1. Minimum Weight - 1400Kg. 2. Centre to centre distance 2500mm 3. Minimum job length to be turned -7.50 ft. 4. Swing over bed -19" 5. Spindle speed to be permissible- 8 Nos 6. Accessories 8" through chuck 7. Chuck shall be capable of holding 19" to 1" dia	1. IS 1878-1971 standard 2. Motor Kirlosakar or equivalent 3. DOL statarter, R/F switch etc.	6
		Vaccum Pressure impregnation Plant	6HP	Chemical treatment of Bamboo	IS 2062 Mild Steel Sheets to be used for main tank heavy ddoor eith heavy hinges & easy movement silicon rubber seals.	Useable Diameter: 1000mm X Lenth :22ft With rail (Inside & Outside both) and trolley Bottom tank Capacity to be 2.5 times the main tank capacity. Give pumps, mabifolds, valves, gauges, pressure switches, sight glass, chemical stirring arrangement, control panel etc.	Should achieve 600 mm of HG Vacuum: Should give 14 kg/cm2 Pressure without any leakages.	6
		Internal Knot removal cum sliver Machine	2 HP	Remvoe internal Kont	Rollers should be of EN24/ 20mncr5 material, hardened to 55 HRC+ blade	Rollers: min dia 95 mm All Rollers Should have teeth/ srrrated	easy adjustability of blade, heavy and sturdy fixture and clamping	9
		Four Side Planner Machine	Min 7 HP	make a rectangular crosssection of strip with rarallel edges	spindle bearings SKF NBC only ball or roller bearing only not pedestal bearing spindle made of En 24 20 mncr 5 hardened 55 HRC+ all rollers to be made of en 24 20f mncr 5 hardened 55 hrc +	4 cutters 5 motors adjustable in width and height range in width 12 mm 40 range in thickness 5 mm 25 mm	should give cleam finsh and parallel rectangular sufface should give consistent input size and finsh machine should be easily adjustable	8
		Round stick machine(1.3mm to 5 mm)	7 HP	For making round stick	The various critical contact elemnets in the machine should have 60 HRC hardness. Rollers should be of EN24/ 20mncr5 material, hardened to 55 HRC The round cutter shuld have min12 T and shall be able to make min 12 stickes at a time. Spindle Bearings. SKF/ NBC or equivalent only. Allspindles should be made of EN24/ 20 mncr, hardened (55 HRC+)	3 Cutter, 3 motor machine . Machine weight: min375 kg	should give perfect round: 1.27mm- should give min 12 stickes at a time, should take input of min 450 mm long slice. Machine should process one slice per second i.e 60 slice in one min Machine should be covered form all sides and should have dust protection guards for operator Surface finish of sticks should be	5

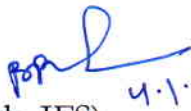
APCCF/DIRECTOR
M.P.S.B.M., BHOPAL

Tender Notice

Tenders from manufacturers, distributors or their authorized dealers for empanelment of firms to supply, installation and commissioning of machines

Clarification

Earnest Money Deposit (EMD) in the form of Bank Guarantee or Demand Draft from Nationalized Bank can be accepted, which should be valid for at least 3 months. Bank guarantee may be in the format provided by the respected bank.


(BB Singh, IFS) 4.1.19


Addl. Principal Chief Conservator of Forest
& Director, MP State Bamboo Mission

मध्यप्रदेश राज्य बांस मिशन
अभिरुचि की अभिव्यक्ति

बांस संसाधन सर्वेक्षण

संशोधन

ई.एम.डी. बैंक गारंटी अथवा राष्ट्रीयकृत बैंक से डिमाण्ड ड्राफ्ट के रूप में स्वीकार की जावेगी, जो कि कम से कम तीन माह के लिये वैध होना चाहिए। बैंक गारंटी संबंधित बैंक द्वारा प्रस्तुत किये गये प्रारूप में मान्य होगी।


(बी.बी सिंह) 4/1/19

संचालक, राज्य बांस मिशन
म.प्र. भोपाल

NOTICE FOR EXPRESSION OF INTEREST (EOI)
FOR CONDUCTING MARKET RESEARCH AND SURVEYS WITH ANALYSIS
REPORT FOR INDUSTRIAL DEMAND SUPPLY IN 7 CITIES

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