



Govt. of Bihar
Department of Agriculture
Bihar Horticulture Development Society, Patna.
(State Horticulture Mission)
2nd Floor, Krishi Bhawan, Mithapur, Patna-800001,
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NOTICE – INVITING e-TENDER

Through e-procurement mode only over (<https://eproc.bihar.gov.in>)

e-Tender Enquiry for Supply, Installation, Commissioning of Machinery and Equipment and construction of Common Incubation Facility (CIF) at Centre of Excellence (CoE), Desari, Vaishali.

Bihar Horticulture Development Society (BHDS) invites online bids from reputed and experienced manufacturers /suppliers/companies/firms/ organizations for the establishment of “**Supply, Installation, Commissioning of Machinery and Equipment and civil construction of Common Incubation Facility (CIF) at Centre of Excellence (CoE),Desari, Vaishali**”. This e-tender is inviting for suitable proposal and an estimated cost for the setting up of such a unit. The interested specialized organizations/Firms/companies, which are involved and having experience of designing, installation, executing and maintenance of such projects, may only participate with their best attractive proposals.

The filled e-tender for technical & financial bid should be uploaded on the website: eproc.bihar.gov.in/BELTRON by the bidder, while only EMD and tender fee has to be sent to The Director, Directorate of Horticulture, Bihar, New Krishi Bhawan, Mithapur, Patna-800001, Bihar through registered/ speed post/ couriers/in person.

SN	Particulars	Details
1.	Start Date & Time for Downloading of Tender document	02.06.2022 (11:00 Hrs.)
2.	Date of Pre Bid Meeting	08.06.2022 (12.00 Hrs.)
3.	Last Date & Time for Downloading of Tender document	15.06.2022 (10:00 Hrs.)
4.	Last Date & Time for submission/uploading of offer/Bid	15.06.2022 (15:00 Hrs.)
5.	Date and time of Technical bid opening	16.06.2022 (15:00 Hrs.)
6.	Date and time of Financial bid opening	To be intimated to technically successful bidder only
7.	Nodal officer/Contact person for queries	Shri Nitesh Kumar Ray, Deputy Director Horticulture Mobile No. : 9431818924
8.	It is mandatory to submit the EMD in hard copy or original on or before the opening of technical bid	

Mission Director, Bihar Horticulture Development Society, Patna reserves the right to revise/change/cancel the Tender without assigning any reasons thereof.

Mission Director
State Horticulture Mission, Bihar,
Patna

Technical Qualification for Agency:-

i.	Agency	:-	May be Govt. Organization /Semi-Govt. Organization/ Registered Private National/ International Organization.
ii.	Agency's Office	:-	Should have its office/branch in Bihar or if not then they have to establish it after final selection.
iii.	Agency's Annual Turn Over	:-	The average annual financial turnover during the last 3 financial years ending on 31 st March of the previous financial year (2020-21) should be at least Rs. 5.00 Cr. Copies of audited balance sheet and IT Return of 2018-19, 2019-20 & 2020-21 to be attached as documentary proof.
iv.	Experience	:-	Should have experience manufacturing and/ or supply of similar machines or turnkey execution of for the last three (3) years. The bidder also required to enclose at least 02 successful satisfactory supply/ work order and installation Certificate/Completion Certificate/Performance Certificate for work in of Food Processing Lines of Rs.1.00 Cr. or more for last 03 years ending 2020-21
v.	Document' Cost	:-	Rs. 2500/- (Two Thousand and five hundred only)
vi.	Earnest Money Deposit	:-	An EMD of Rs. 5,00,000/- (Rupees Five lakh only) in form of Demand Draft from a nationalized/ scheduled bank will be mandatory for bidders.
vii.	Empanelment/ Registration Fee	:-	Agency registered/Empanelment with Bihar Horticulture Development Society (BHDS), Patna is not required to deposit Empanelment/ Registration Fee. Any other agencies which are not registered/ empaneled need to get registered/ empaneled with BHDS, Patna with a fee of Rs. 25,000/- which will be non-refundable. It will be essential only for finally qualified agencies.
viii.	Certification	:-	Organization should have ISO/BIS certification
ix.	Agency's Sale Tax	:-	Furnish copy of GST return with GSTIN number of last three financial years.
x.	Affidavit	:-	From notary on non-judicial stamp of Rs. 1000/- stating that the firm has not been blacklisted/ debarred by any State Govt./Central Govt./Agricultural Universities on account of corrupt or fraudulent practices.
xi	BHDS rights	:-	Mission Director, Bihar Horticulture Development Society, Patna reserves the right to revise/change/cancel the tender without assigning any reasons thereof.
xii	Duration of the project	:-	Project has to be completed within 6-10 months period (Will be given in tender) from handing over the site.
xiv	PAN Card Details	:-	Provide the pan card details of the company/ firm/organization
xv	GSTIN	:-	Provide the GSTIN details of the company/ firm/organization. Valid GST registration certificate of the firm participating in the tender should be there. Firm should also have registration in Bihar, if not, they have to get GST registration in Bihar after the final selection in tender. Payment will start only after completion of GST registration in Bihar.

CONDITIONS OF ELIGIBILITY:-

Applicants must carefully read the minimum conditions of eligibility (the "Conditions of Eligibility") provided herein. Proposals of only those Applicants who satisfy the Conditions of Eligibility will be considered. The applicants will be required to submit the documents as per the conditions of eligibility mentioned in Request for proposal (RFP) below:

1. The Bidders/Applicants (Party/Firm/Company) participating in the tender will invariably be accepting all the terms and conditions of the tender.
2. Bidders Company/organization should be a Private Limited/Government Registered Company.
3. The Bidder/Applicant should have registered with Employee State Insurance (ESI) and PF is Provident Fund (PF), Govt. of India, Documentary proof should be attached.
4. The Bidder/Applicant have registered with IEC Govt. of India, Documentary proof should be attached if applicable.
5. The Bidder/Applicant should have registered with Environment/Atmosphere /Non-Air pollution work in nature if applicable.
6. The bidder should be either an established Manufacturer of Food Processing Equipment or Authorized Supplier/ Dealer, Turnkey Solution Provider or EPC (engineering, procurement and commissioning) contractor for food processing lines.
7. The bidder's firm must be registered with the appropriate authority and shall be engaged in manufacturing and/ or supply of similar machines or turnkey execution of for the last three (3) years. The bidder to enclose Registration Certificate or any other documentary proof.
8. The average annual financial turnover during the last 3 financial years ending on 31st March of the previous financial year (2020-21) should be at least Rs. 5.00 Cr. Copies of audited balance sheet of 2018-19, 2019-20 & 2020-21 to be attached as documentary proof.
9. The bidder also required to enclose at least 02 successful satisfactory supply/ work order and installation Certificate/Completion Certificate/Performance Certificate for work in of Food Processing Lines of Rs.1.00 Cr. or more for last 03 years ending 2019-20.
10. The bidder should have PAN, GST Registration, Udyog Aadhar/ Udyam registration and Import License, as applicable in their case and should submit a copy of each of these documents along with acknowledgement copies of the IT Returns for the last 3 financial years.
11. Supplier or Authorized Dealer/distributor of a reputed foreign or Indian manufacturing company. The bidder has to enclose appropriate registration and OEM/dealership letter/certificate.
12. Copy of a valid agreement in case bid submitted by a bidder is in consortium
13. In case of consortium, all the above required documents of consortium members also required to be furnished
14. The Bidder/Applicant should provide propose work plan with CAD Design/Drawing/Layouts.
15. No claim will be entertained afterwards for any increase in market price or otherwise.

16. Valid GST registration certificate of the firm participating in the tender.
17. An affidavit on Rs.1000/- Stamp Paper from Public Notary shall be attached/uploaded by the bidder (It should be made on or one month before the publication of tender online on website) with following declaration that:
 - a. Bidders shall not be under any declaration of ineligibility for corrupt and fraudulent practices issued by any State Government/GOE/ Union territory.
 - b. The Bidders shall not be blacklisted by any State Government/GOI/Union territory/State and Central Educational Institutes etc. during last Ten Years at the time of submission of tender bid for any item or by any reason.
18. All documents submitted by the bidder should be Self Attested and valid till the date of bidding of the tender.
19. The successful Party/Firm/Company should have to deposit an amount of 5% (incl. GST) of the quoted project cost as Performance security money in the form of Bank Draft/Bank Guarantee (Issued by nationalized bank only) in favor of the Mission Director, Bihar Horticulture Development Society payable at Patna, Bihar. The security amount will be/shall be forfeited if the party/firm/company/organization fails to provide services *i.e.* installation, maintenance in stipulated time.
20. Performance security money of the party/firm/company/organization will be released after 24 months period of completion of the project.
21. In case of any dispute the decision of the Director Horticulture shall be final and binding upon all concerned parties as per mutual understanding among the party/firm/company and the Directorate of Horticulture, Bihar, Patna.
22. Notwithstanding anything contained in the RFP, Director Horticulture, Bihar, Patna, reserve the right to accept or reject any proposal and annul the selection process and reject all proposals at any time without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons thereof.
23. The Director Horticulture, Bihar, Patna also reserves the right to reject any or all proposals if :
 - a) At any time a material misrepresentation is made or uncovered: or,
 - b) The bidders do not provide, within the specified time, the supplemental information sought by Director Horticulture, Bihar, Patna, for evaluation of the proposals.
24. The rates quoted in the e-tender shall be specified before destination and inclusive of all taxes, duties, Government levies, transportation, erection, loading, unloading etc. No extra charges will be paid from the Directorate of Horticulture. The quotation of rate must be with respect to desired technical specification.
25. Financial Proposal will be quoted in figures as well as in words. In case of any ambiguity in amount quoted in words will be considered final. Any correction of entries and over writing in entries may be rejected without any prejudice.
26. Tender fee/tender document cost of Rs. 2500.00/- (Non-refundable) and EMD of Rs. 500000.00/- needs to be submitted on or before the opening of Technical Bid.
27. EMD and tender documents costs will be the part of Technical bid only. The earnest money of the technically unsuccessful bidder will be refunded after the rejection of their proposal and the earnest money of successful bidder will be retained till the submission of performance guarantee/security deposit and signing of agreement.

28. The offers which do not confirm to the conditions laid down in the E-tender notice shall not be considered.
29. The validity of rates quoted will be for one year.
30. Any manufacturing defect observed during liability period 24 months from date of completion Party/ Firm/Company will be responsible for the immediate replacement/rectification of the same at their own cost.
31. Successful party/firm/company/organization will be bound to complete the entire work within 4-10 months from the date of issue of the letter or work order.
32. The firm is bound to complete the work with the prescribed time (*i.e.* 180-300 days from date of issue of work order, details will be given in work order). If he fails to complete the job within the time frame without any valid reason *i.e.* 180-300 days (details will be given in work order) from date of issue of work order. Then, the penalty will be imposed @ 1% of work order amount per fifteen days. The penalty amount will be deducted from final payment amount.
33. Further, in case of failure to execute the work by the party/firm/company/organization as per the order, the contract will be terminated and the security money will be forfeited. The work will be completed by another firm and the charges will be at risk and cost of the previous firm.
34. Two years warranty on electronics and electrical instruments against manufacturing defects should be there, if not then the repairing/replacement cost of these electronics and electrical instruments will be borne by the party/firm/company/organization.
35. The firm needs to provide after sale services as and when required. The party/firm/company/organization must have to provide service within seven (07) days from the date of such complaint; otherwise penalty will be posed to the party/firm/company/organization subjected to loss of production caused due to the delay in after sale services.
36. The firm must assure the availability of spare parts of quoted items, provided for minimum up to 10 years under warranty period of AMC (Annual maintenance contract).
37. In this establishment of "Common Incubation Facility" work the department shall not have any liability of incurring any loss of natural calamity or unforeseen conditions during installation time.
38. The applicable taxes as per rules of Government of Bihar/India should be paid by party/ firm/ contractor/supplier/company/organization and invoices of the materials should be submitted to Directorate of Horticulture and also if any taxes required to this should be paid by contractor/supplier/company/party/firm as applicable from time to time and as per the rules of Indian/Bihar Government.
39. The selection of the firm/company/organization will be done by the technical and financial evaluation committee constituted at the level of Directorate of Horticulture, Bihar, Patna, on the basis of experience in installation of "Food Processing Plant & Machineries and running the facility in turnkey basis" and financial background as this is a highly technical project. Evaluation and selection process of the firm/company/organization will be governed by the guidelines of Bihar Financial Rules (2005).
40. The High Court at Patna shall have exclusive jurisdiction over all disputes arising under, pursuant to and/or in connection with the selection of firm/company/organization.

41. The Proposal should be valid for a period not less than ninety (90) days from the due date for receiving the proposal.
42. The department reserves the right to relax or waive any of the condition mentioned in this document as deemed necessary in the best interest of the Govt. and the objective of the scheme without assigning any reasons thereof.
43. The Directorate of Horticulture, Government of Bihar (GoB), may, at its sole direction seek clarification from any bidder (firm/company/organization) regarding its proposals; such clarifications shall be provided by the bidders within the time specified by the Directorate of Horticulture, GoB, for this purpose. Any request for clarification (s) and all clarification (s) on response thereto shall be in writing. If a bidder does not provide clarification sought above within the specified time, their proposals shall be liable to be rejected.

44. Terms of payment:

The progress of work will be inspected by technical committee constituted by the Directorate of Horticulture as and when required. After satisfactory Inspection Report from the committee, the payment will be released in installments on following conditions:

Installment	Terms & Conditions	Payment Details
1 st	After signing the agreement and submitting bank guarantee for 1 st installment which would be 25%.	25% of the agreed contract value.
2 nd	After completion of 70% work components.	45% of the agreed contract value.
3 rd	After completion of entire units and successfully testing.	30% of the agreed contract value.

- *Assessment of progress and quality of civil work shall be done by local government Junior Engineer*
- *Assessment of progress and quality of machineries and its installation shall be done by Department of Processing & Food Engineering, College of Agricultural Engineering, RPCAU*
- *Payment shall be done to the successful bidder as per satisfactory report given by the above assessors*

45. Disqualification:

The reasons for the disqualification of the participating firm/company/organization are mentioned below:

- a. The quotations/response to the e-tender submitted/received after due date/time will be summarily rejected.
- b. The interested entity has made misleading or false representation in the firms, statements, attachments submitted in proof of eligibility.
- c. The e-tender is not accompanied by required documentation.
- d. The interested entity fails to provide clarification related thereof, when sought.
- e. The firm/company should provide/give the correct and true information while submitting the tender. In case of incorrect/false information found at any stage, the tender/bid will be cancelled and legal action will also be initiated.
- f. The interested Entity is found to canvass, influence or attempt to influence in any manner, the qualification or selection process, including without limitation, by offering e-tender or other illegal satisfaction.

- g. Not with standing anything written above or elsewhere, the e-tender may disqualify the Interested Entity without assigning or disclosing any reason thereof.

EVALUATION OF BID

The technical bid of the e-tender will be evaluated by the Technical Evaluation Committee and the financial bid of only technically qualified agency will be evaluated by the Financial Evaluation Committee (Evaluation committees mentioned here are already in existence at the Directorate of Horticulture. After successful completion of the tender, tender will be awarded to technically qualified L1 bidder.

SCOPE OF WORK:

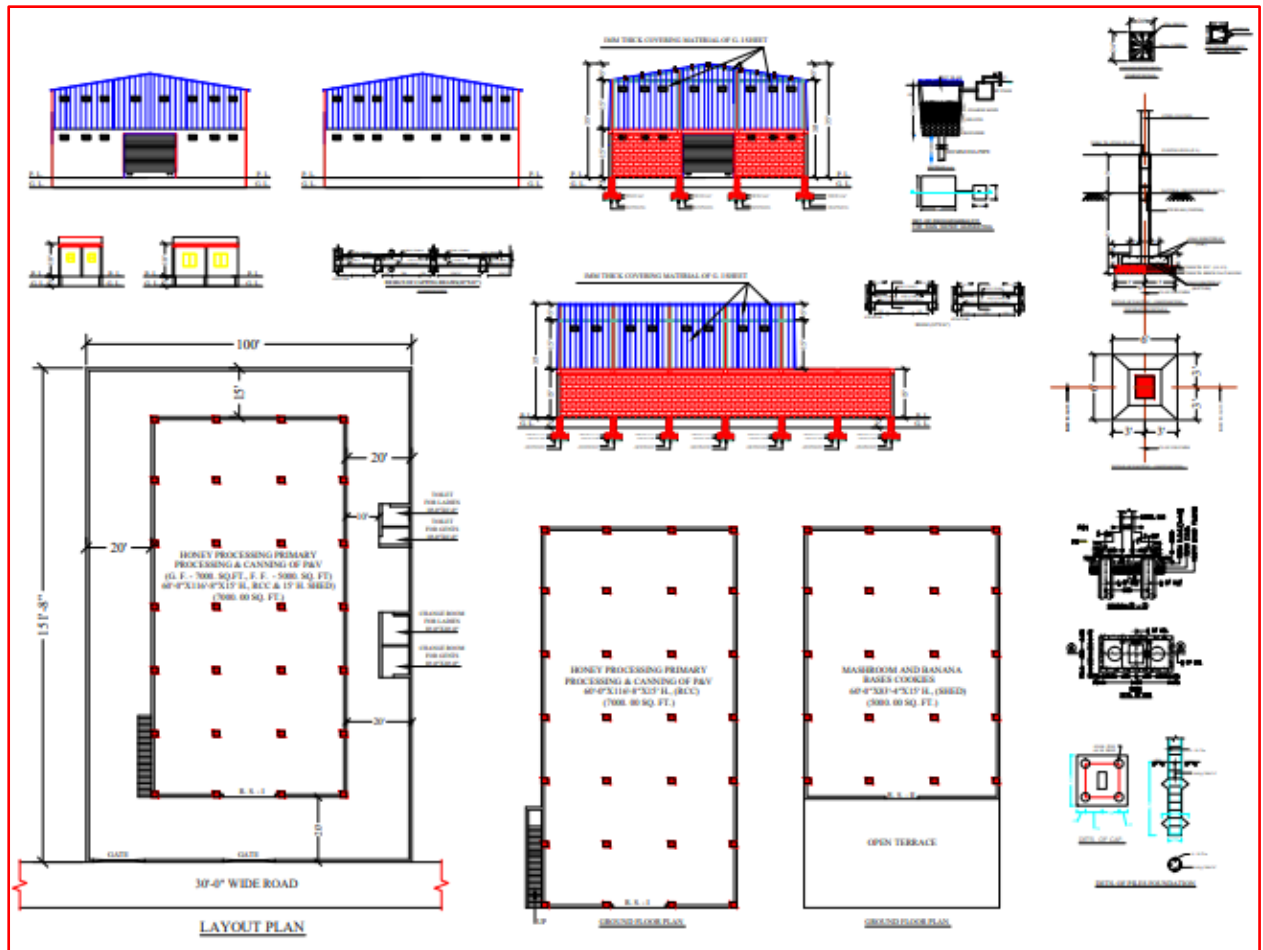
The agency shall be responsible for supply, installation and commissioning of various machines and equipment for Common Incubation Facility (CIF) at Centre of Excellence for Fruits, Desari, Vaishali, Bihar and on turn-key basis, and extend 2 years onsite Guarantee/Warranty for their supplies. The details are given in Annexure 1 & 2

Civil Work		
S. No.	Description of Item	Technical specifications
1	Plant Hall (Ground Floor) – RCC	Annexure 1
2	Plant Hall (First Floor) – PEB Shed	Annexure 1
3	Change room & washroom for ladies and gents	Annexure 1

Plant & Machinery		
S. No.	Description of Item	Technical specifications
1	Honey Processing Plant	Annexure 2
2	Primary Processing and canning of fruits and vegetables	Annexure 2
3	Mushroom and Banana based Cookies	Annexure 2

ANNEXURE 1: Details of Civil Work

Layout plan



S. No.	Description of Item	Qty	Unit
1	Plant Hall (Ground Floor) – RCC	1	7000 sq. ft
2	Plant Hall (First Floor) – PEB Shed	1	5000 sq. ft
3	Change room & washroom for ladies and gents	-	320 sq. ft.

**DETAILS ESTIMATE OF HONEY PROCESSING PRIMARY
PROCESSING & CANNING OF F & V,(GROUND FLOOR) (7000.00 SQ. FT)**

**MASHROOM AND BANANA BASES COOKIES, (FIRST FLOOR) (5000.00 SQ. FT)
PROCESSING AREA - 650.50 SQM. (7000.00 SQ. FT.,)**

SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
1	2.8.1	<u>Earth work in excavation</u> in foundation trenches of drains (not exceeding 1.5 m in width of 10 sqm on plan) including dressing of side and remming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	Cum	301.64
2	11.72	Providing designation 100 A one <u>Brick Flat Soling</u> joints filled with local sand including cost of watering, taxes, royalty, all complete as per Building Specification and direction of E/I.	Sqm	123.12
3	4.5.2	Providing and fixing up to floor level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). PCC Work	Cum	12.31
4	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work puto plinth level. 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm normal size). <u>R.C.C Footing</u>	Cum	42.75
5	5.9.1	Centring and shuttering including strutting, propping etc.and removal of from for.Foundation, Footing, bases of columns etc. mass concrete.	Sqm	68.40
6	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) Columns	Cum	41.68
7	5.9.6	Centring and shuttering including strutting, propping etc.and removal of from for. Columns , Pillar, Piers, Abutments, Posts and Struts.	Sqm	173.66
8	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) N. G. L Beam	Cum	20.24
9	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from for. lintels, beams, plinth beams, griders,bressumers and cantilevers. N. G. L Beam	Sqm	161.90
10	6.1.14 A	<u>Brick work</u> of calss designation 100 A in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	Cum	46.04

**DETAILS ESTIMATE OF HONEY PROCESSING PRIMARY
PROCESSING & CANNING OF F & V,(GROUND FLOOR) (7000.00 SQ. FT)**

**MASHROOM AND BANANA BASES COOKIES, (FIRST FLOOR) (5000.00 SQ. FT)
PROCESSING AREA - 650.50 SQM. (7000.00 SQ. FT.,)**

SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
11	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) <u>Plinth Beam</u>	Cum	10.12
12	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from for. lintels, beams, plinth beams, grids,bressumers and cantilevers. <u>Plinth Beam</u>	Sqm	80.95
13	2.28	Supplying and <u>filling in Plinth with local sand</u> and under floors including, watering, remming consolidation and dressing complete.	Cum	591.96
14	11.72	Providing designation 100 A one <u>Brick Flat Soling</u> joints filled with local sand including cost of watering, taxes, royalty, all complete as per Building Specification and direction of E/I.	Sqm	650.50
15	4.5.2	Providing and fixing up to floor level precast cement concrete string or lacing courses, copings, bed plates, anchor bolcks, plain window sills, shelves, louvers, steps, stair cases, etc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). <u>PCC Work</u>	Cum	97.58
16	6.1.14 A + 6.3. A	<u>Brick work</u> of calss designation 100 A in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) Extra for brick work in superstructure above plinth level up to floor V cum.	Cum	122.53
17	5.22	Reinforcement for R.C.C. work including straightening,cutting,placing in position and binding all complete.		
	5.22.7 A	Thermo-Mechanically treated bars TMTC-500-8mm dia	Kg	1664.87
	5.22.7 B	Thermo-Mechanically treated bars TMTC-500-10mm dia	Kg	7280.00
	5.22.7 C	Thermo-Mechanically treated bars TMTC-500-12mm dia	Kg	5161.31
	5.22.7 D	Thermo-Mechanically treated bars TMTC-500-16mm dia	Kg	5083.44
18	10.6.1	Supplying and fixing - rolling shutter of approved make. Made of required size. 80 x 1.25 mm M. S. Laths with 1.25 mm thick top cover.	Sqm	33.45
19	10.12.1	Providing and fixing steel glazed <u>door, windows</u> and ventilators of standard rolled steel sections joints mitered and melded with 15*3mm lugs 10 cm long with steel iugs embedded in cement concrete blocks 15*10*10cmof 1:3:6(1cement:3coarse sand:6graded stone aggregate 20mm nominal size.)	Sqm	16.73

**DETAILS ESTIMATE OF HONEY PROCESSING PRIMARY
PROCESSING & CANNING OF F & V,(GROUND FLOOR) (7000.00 SQ. FT)**

**MASHROOM AND BANANA BASES COOKIES, (FIRST FLOOR) (5000.00 SQ. FT)
PROCESSING AREA - 650.50 SQM. (7000.00 SQ. FT.,)**

SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) Roof Beam	Cum	20.24
	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from for. lintels, beams, plinth beams, griders,bressumers and cantilevers. Roof Beam	Sqm	161.90
	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) R.C.C Roof	Cum	97.58
	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from for.lintels,beams,plinth beams,griders,bressumers and cantilevers. Roof	Sqm	650.50
20	12.1.2	Providing corrugated <u>G.S sheet roofing</u> fixed with G.I.J. Or hooks, bolts and nuts 8 mm diameter with bitumen and G.I limpet washers or with G.I limpet washers filled with white lead and including an coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60 degree) excluding the cost or purlins, rafters and trusses. 0.8 mm thick with zinc coating not less the 275 gm/m.	Sqm	1080.50
	As per Mrker	Structural steel work riveted or bolted in built up section, turrsess and fraed work, including cutting, hoisting, fixing, in position and applying a priming coat of approved ateeef primer all complete.		
		Providing fabrication and erection work - 5000 sq. ft. About 2 KG / sft 1000 KG	Kg	10000.00
21	13.12.3	<u>15 mm cement plaster on rough side</u> of single or half brick wall of mix. 1:6(1cement:6course sand).	Sqm	490.13
22	13.11.3	<u>Cement plaster in course send 12mm</u> cement plaster of mix 1:6(1cement:6course sand).	Sqm	490.13
21	13.77.2	New work (two or more coats) over and including priming coat with cement primer.	Sqm	980.27
22	11.26.1	Kota stone slab flooring over 20mm (average) thick. 20 to 25 mm thick	Sqm	650.50
23		Electrification and P.H work.		

DETAILED ESTIMATE OF CHANGE ROOM & WASHROOM FOR
LADIES & GENTS AREA - 29.74 SQM. (320.00 SQ. FT.)

SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
1	2.8.1	<u>Earth work in excavation</u> in foundation trenches of drains (not exceeding 1.5 m in width of 10 sqm on plan) including dressing of side and remming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	Cum	18.01
2	11.72	Providing designation 100 A one <u>Brick Flat Soling</u> joints filled with local sand including cost of watering, taxes, royalty, all complete as per Building Specification and direction of E/I.	Sqm	14.76
3	4.5.2	Providing and fixing up to floor level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). PCC Work	Cum	1.48
4	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work upto plinth level. 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm normal size). R.C.C Footing	Cum	2.95
5	5.9.1	Centring and shuttering including strutting, propping etc.and removal of from for.Foundation, Footing, bases of columns etc. mass concrete.	Sqm	14.64
6	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) Columns	Cum	1.91
7	5.9.6	Centring and shuttering including strutting, propping etc.and removal of from for. Columns , Pillar, Piers, Abutments, Posts and Struts.	Sqm	15.25
8	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) N. G. L Beam	Cum	1.79
9	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from for. lintels, beams, plinth beams, grids,bressumers and cantilevers. N. G. L Beam	Sqm	14.32
10	6.1.14 A	<u>Brick work</u> of calss designation 100 A in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	Cum	4.37
11	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) Plinth Beam	Cum	1.79
12	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from for. lintels, beams, plinth beams, grids,bressumers and cantilevers. Plinth Beam	Sqm	14.32
13	2.28	Supplying and <u>filling in Plinth with local sand</u> and under floors including, watering, remming consolidation and dressing complete.	Cum	18.14

DETAILS ESTIMATE OF CHANGE ROOM & WASHROOM FOR LADIES & GENTS AREA - 29.74 SQM. (320.00 SQ. FT.)				
SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
14	11.72	Providing designation 100 A one <u>Brick Flat Soling</u> joints filled with local sand including cost of watering, taxes, royalty, all complete as per Building Specification and direction of E/I.	Sqm	29.74
15	4.5.2	Providing and fixing up to floor level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). PCC Work	Cum	2.97
16	6.1.14 A + 6.3. A	<u>Brick work</u> of calss designation 100 A in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) Extra for brick work in superstructure above plinth level up to floor V cum.	Cum	19.52
17	5.22	Reinforcement for R.C.C. work including straightening, cutting,placing in position and binding all complete.		
	5.22.7 A	Thermo-Mechanically treated bars TMTC-500-8mm dia	Kg	94.85
	5.22.7 B	Thermo-Mechanically treated bars TMTC-500-10mm dia	Kg	320.00
	5.22.7 C	Thermo-Mechanically treated bars TMTC-500-12mm dia	Kg	534.00
18	10.12.1	Providing and fixing steel glazed door, windows and ventilators of standard rolled steel sections joints mitered and melded with 15*3mm lugs 10 cm long with steel iugs embedded in cement concrete blocks 15*10*10cmof 1:3:6(1cement:3coarse sand:6graded stone aggregate 20mm nominal size.)	Sqm	12.85
19	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1.5:3 (1 Cement 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) R.C.C Roof	Cum	3.72
20	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from forlintels,beams,plinth beams,griders,bressumers and cantilevers. Roof	Sqm	29.74
21	13.12.3	<u>15 mm cement plaster on rough side</u> of single or half brick wall of mix. 1:6(1cement:6course sand).	Sqm	78.08
22	13.11.3	<u>Cement plaster in course send 12mm</u> cement plaster of mix 1:6(1cement:6course sand).	Sqm	124.41
23	13.77.2	New work (two or more coats) over and including priming coat with cement primer.	Sqm	202.49
24	11.26.1	Kota stone slab flooring over 20mm (average) thick. 20 to 25 mm thick	Sqm	29.74
25		Electrification and P.H work.		

ANNEXURE 2: Technical specification of Plant & Machinery

1. Honey Processing Plant with capacity of 150 MT/Annum				
S. No.	Particulars	Capacity	Power Required	Qty
1	Water Treatment unit	200kg /batch 11 KW heaters 5 motors with 3 Filters with Moisture Reduction which can reduce moisture upto 17%. Fully sensor control.1000 kg in 8 hours. Fully auto filtration with stainless steel storage tank capacity 1000 kg	30 KW	1
2	Boiler			1
3	S.S. Tank			1
4	Jacketed Storage Tank Inner			1
5	Semi- Automatic Single Head Machine			1
6	Bottling plant (including bottle washer, filter, crown corking m/c & sterilizer)			1
	Honey processing plant ,200kg /batch 11 KW heaters 5 motors with 3 Filters with Moisture Reduction which can reduce moisture upto 17%. Fully sensor control.1000 kg in 8 hour. Fully auto filtration with stainless steel storage tank capacity 1000 kg			
8	Weighing balance			1

2. Primary Processing and canning of fruits and vegetables (400 MT/Annum)			
S. No.	Particulars	Capacity	Quantity
1	Fruit washing machine	200 Kg/hr	1
2	Sorting or inspection conveyer	200 Kg/hr	1
3	Screw feeder	200/Hr	1
4	Twin pulper	300 kg/hr	1
5	Steam jacketed kettle	375 Kg	2
6	Support equipment (retort, crates, electric hoist, rotary flat can body reformer, body blanks(empty cans),washer & sterilizer, working table, steam boiler, MS trolleys, plastic barrels, knives, weighing scale etc.)	lot	
7	Cold Storage	75 MT	1

Mushroom and Banana based Cookies 3000 MT				
SR NO	PARTICULARS	CAPACITY	POWER (kW)	QTY
1	Blanching Cattle - Gas operated	100 Ltr.		
2	Chipping Machine	100 Kg/hr	0.5	
3	Solar Dryer	100 Kg		
4	Pulverizer	100 Kg/hr	0.5	
5	Spiral Mixer	90 Kg	5.00	1
6	Rotary Rack Oven, Double Trolley (Wielded)	No. of Tray (Tray Size) :- 132 (12" X 18") Diesel Fired	3.75	1

Mushroom and Banana based Cookies 3000 MT				
SR NO	PARTICULARS	CAPACITY	POWER (kW)	QTY
7	Floor Model Slicer	Cutting Speed: 500 loaves/hr	0.75	2
8	Industrial Planetary Mixer	90 Ltr	5.00	1
9	Cookie Drop and Wire-cut Machine	Capacity: 80 Kg per hr	2.25	1
10	Accessories (Tray, Aluminium Tray, Trolley, Mould, Work Table, Cooling Rack, Storage Rack, Scrapper etc.)			LS
11	Installation Charges			

ANNEXURE 3

Evaluation Criteria

S. No.	Criterion	Max. Marks
1	Experience in Manufacturing or supply of Food Processing Equipment or providing turnkey/ EPC services for food processing lines. One mark for each completed year. (Enclose Registration & Appropriate other documents)	15
2	Awards for technology or performance by Govt. or CII or any other reputed entity. (Enclose Award certificate)	15
3	Financial turnover of bidder (for 2019-20)	30
i	5 Marks for 5 Cr	
ii	10 marks for 6 Cr to 10 Cr,	
iii	15 marks for 10 Cr to 15 Cr	
iv	20 marks for 15 Cr to 25 Cr.	
v	30 marks for above 25 Cr.	
	Enclose C.A. Certificate & Balance sheet	
4	Successfully completed assignment during last 3 years ending 2020-21 where supply and installation involved with a cost of Rs. 1 Cr. or above. (5 marks for each such completed project)	30
5	Presentation	10
	Total	100

ANNEXURE 4

(Letter head of the bidder)

Name of Firm:

Address:

Phone No. /Mobile No.:

To,

The Mission Director,
State Horticulture Mission, Bihar
2nd floor, Krishi Bhawan,
Mithapur, Patna-800001

Subject: TECHNICAL PROPOSAL

Sir,

In accordance with the terms & conditions of the bid **Supply, Installation, Commissioning of Machinery and Equipment and construction of for Common Incubation Centre at CoE, Desari, Vaishali.**

I /We submit the **technical proposal** containing the following documents:

1. Authority Letter (Annexure 5)
2. Proposer/Bidder Information Sheet (Details of firm) (Annexure 6)
3. Details of Earnest Money along with Bank Draft (Annexure 7)
4. Details of tender document cost (Annexure 8)
5. Technical Specification (Annexure 1 & 2)
6. Submission of Affidavit (Annexure 9)
7. Financial Proposal/Bid (BOQ) for e-Tender (Annexure 10)
8. Photocopy of Sales Tax /GST Registration
9. Photocopy of Income tax PAN Card
10. Photocopy of ISO Certificates.
11. Work Orders/MoU/Completion Letter as experience in Manufacturing or supply of Food Processing Equipment or providing turnkey/ EPC services for food processing lines.
12. Audited Balance sheet and ITR of last three year showing 5.00 crore turn over in each last 3 financial year 2020-21, 2019-20, 2018-19.

Further, it is certified that the information furnished in this Bid documents is true and correct to the best of my/our knowledge & belief. I/we fully understand terms and conditions mentioned above and undertake to abide by the terms & conditions and rules & regulations mentioned in the Bid document.

It is also certified that the proposer has not been blacklisted by any Union or State Government department or institute in any matter and the owners or partners/ directors has never been legally prosecuted & in any legal dispute with any Union or State Government department.

Signature of Authorized
Signatory

Name

Designation

Seal of the firm

Dated :

Annexure – 5

(Letter head of the bidder)

AUTHORITY LETTER

M/s.

..... (Name & address with telephone no. of dealer) is working with/on behalf of our firm as our authorized representative for the State of Bihar.

He is authorized to submit, collect & correct all Bid/quotation/project documents on behalf of firm.

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated.....

Annexure 6

PROPOSER/BIDDER INFORMATION SHEET

(General Information to be supplied along with the Bid)

1. Name of the Item:

2. Name & Address of the firm/ authorized dealer,

Telephone No. :

3. (a) Sales Tax /C.S.T. Registration No. :

(b) Income Tax PAN No. :

4. Address with telephone no./e-mail/web address
where production centre(s) is situated

Certified that above information is correct.

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated.....

Annexure 7

DETAILS OF EARNEST MONEY

Earnest money as per details below is enclosed for the purpose of bid for

Bank Draft No.....

Name of the bank.....

Branch.....

Dated.....

Amount (In figures & words).....

.....

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated.....

Annexure 8

DETAILS OF TENDER DOCUMENT COST

(Not applicable for Bid Documents purchased in person)

Bid document cost as per details below is enclosed for the purpose

Bank Draft No.....

Name of the bank.....

Branch.....

Dated.....

Amount (In figures & words).....

.....

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated.....

Submission of Affidavit

(Through Notary Public on Non-Judicial stamp paper of Rs. 1000.00)

-
- Bidders shall not be under any declaration of ineligibility for corrupt and fraudulent practices issued by any State Government/GOI/ Union territory.
- The Bidders shall not be blacklisted by any State Government/GOI/Union territory/State and Central Educational Institutes etc. during last Ten Years at the time of submission of tender bid for any item or by any reason.
- Our firm will complete the work as per the technical specification required, in specified time decided by BHDS, Bihar, Patna.

Financial Proposal/Bid (BOQ) for e-Tender

State Horticulture Mission, Bihar

Tender enquiry for selection of executing agency for the establishment of “Supply, Installation, Commissioning of Machinery and Equipment and construction of for Common Incubation Facility at CoE, Desari, Vaishali.

Bidder's Information

1	Name of Firm/Company	
2	Address of Firm/Company	
3	Head Office	
4	Branch Office	
5	Name of In-Charge	
	Phone No.	
	Fax No.	
	Mobile No.	
	E-mail ID	
6	Signature with Stamp	
7	Date	
8	Place	

Rate quoted for the for the establishment of “Supply, Installation, Commissioning of Machinery and Equipment and construction of for Common Incubation Facility at CoE, Desari, Vaishali as per scope of work specified in this bid as well as per the requirement of each particular as following:-

S. No.	Description of Item	Qty	Unit	Unit Rate	GST	Total Amount
I. Civil Work						
1	Plant Hall (Ground Floor) – RCC	1	7000 sq. ft			
2	Plant Hall (First Floor) – PEB Shed	1	5000 sq. ft			
3	Change room & washroom for ladies and gents	-	320 sq. ft.			
	Subtotal I					
II. Plant & machinery						
Honey Processing plant with capacity 200kg /batch 11 KW heaters 5 motors with 3 Filters with Moisture Reduction which can reduce moisture upto 17%. Fully sensor control. 1000 kg in 8 hours. Fully auto filtration with stainless steel storage tank capacity 1000 kg, power requirement 30 KW						
1	Water Treatment unit	1				
2	Boiler	1				
3	S.S. Tank	1				
4	Jacketed Storage Tank Inner	1				
5	Semi- Automatic Single Head Machine	1				
6	Bottling plant (including bottle washer, filter, crown corking m/c & sterilizer)	1				
7	Honey processing plant ,200kg /batch 11 KW heaters 5 motors with 3 Filters with Moisture Reduction which can reduce moisture upto 17%. Fully sensor	1				

	control.1000 kg in 8 hour. Fully auto filtration with stainless steel storage tank capacity 1000 kg					
8	Weighing balance	1				
Primary Processing and canning of fruits and vegetables						
1	Fruit washing machine (200 kg/hr)	1				
2	Sorting or inspection conveyer(200 kg/hr)	1				
3	Screw feeder(200 kg/hr)	1				
4	Twin pulper(300 kg/hr)	1				
5	Steam jacketed kettle (375 kg)	2				
6	Support equipment (retort, crates, electric hoist, rotary flat can body reformer, body blanks(empty cans),washer & sterilizer, working table, steam boiler, MS trolleys, plastic barrels,knives, weighing scale etc.)	Lot				
7	Cold Storage (75 MT)	1				
Mushroom and Banana based Cookies (3000 MT)						
1	Blanching Cattle - Gas operated (100 litre)	1				
2	Chipping Machine(100 kg/hr)	1				
3	Solar Dryer (100 kg)	1				
4	Pulverizer(100 kg/hr)	1				
5	Spiral Mixer (90 kg)	1				
6	Rotary Rack Oven, Double Trolley (Wielded)No. of Tray (Tray Size) :- 132 (12" X 18") Diesel Fired	1				
7	Floor Model Slicer (500 loaves/ hr)	2				
8	Industrial Planetary Mixer (90 litre)	1				
9	Cookie Drop and Wire-cut Machine (80 kg/hr)	1				
10	Accessories (Tray, Aluminium Tray, Trolley, Mould, Work Table, Cooling Rack, Storage Rack, Scrapper etc.)	LS				
11	Installation Charges	LS				
	Subtotal II					
	Total (I+II)					

Price quoted are inclusive of all Taxes/Duties like Sales Tax/ VAT/GSTIN, excise duty, transportation charges, inspection charges etc., if any. The prices should be quoted in Indian Rupees only, both in figures and words in such a way that interpolation is not possible, and all over-writings should be strictly avoided or rewritten, and correction should be duly attested prior to the submission of proposal. Only one price should be quoted for above mentioned particulars. Multiple prices for above mentioned particulars will not be entertained.

Signature of Authorized Signatory
Name

Designation