



**Department of Agriculture
Bihar Horticulture Development Society, Patna.
(State Horticulture Mission)**

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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), Chandi, Nalanda.

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), Chandi, Nalanda**”. 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/ empanelled need to get registered/ empanelled 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 4-10 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 BAU, Sabour*
- *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:

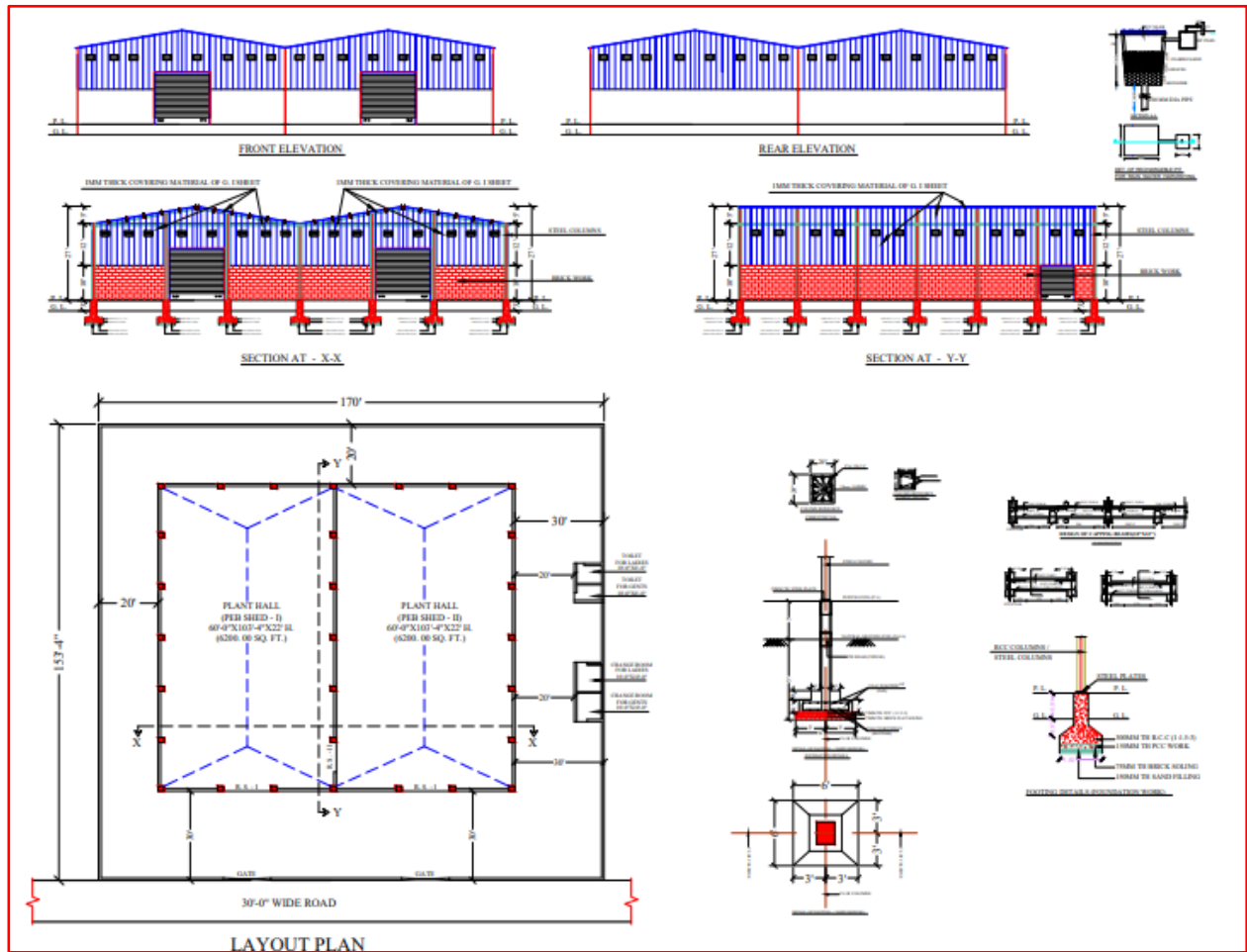
The agency shall be responsible for supply, installation and commissioning of various machines and equipment for Common Incubation Facility (CIF) at Centre of Excellence for Vegetables, Chandi, Nalanda, Bihar and on turn-key basis, and extend 2 years onsite Guarantee/Warranty for their supplies. The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

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

Plant & Machinery		
S. No.	Description of Item	Technical specifications
1	Primary processing and storage of vegetables	Annexure 2
2	Potato chips processing	Annexure 2
3	Pickle processing	Annexure 2
4	Tomato ketchup processing	Annexure 2

ANNEXURE 1: Details of Civil Work

Layout plan



Description of proposed civil work			
S. No.	Description of Item	Qty	Unit
1	Plant Hall (PEB Shed – I)	1	6200 sq. ft
2	Plant Hall (PEB Shed – II)	1	6200 sq. ft
3	Change room & washroom for ladies and gents	-	320 sq. ft.

<p style="text-align: center;">DETAILS ESTIMATE OF PLANT HALL (PEB SHED - I) AREA - 576.15 SQM. (6200.00 SQ. FT.,)</p>				
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 up to 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	131.26
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/l.	Sqm	53.58
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	5.36
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	13.95
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	29.76
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	15.51
7	5.9.6	Centring and shuttering including strutting, propping etcand removal of from for. Columns , Pillar, Piers, Abutments, Posts and Struts.	Sqm	105.91
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	10.40
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	83.18
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	15.63
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	3.78

DETAILS ESTIMATE OF PLANT HALL (PEB SHED - I) AREA - 576.15 SQM. (6200.00 SQ. FT.,)				
SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
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	30.25
13	2.28	Supplying and <u>filling in Plinth with local sand</u> and under floors including, watering, remming consolidation and dressing complete.	Cum	875.75
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	576.15
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	86.42
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	76.88
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	1052.25
	5.22.7 B	Thermo-Mechanically treated bars TMTC-500-10mm dia	Kg	992.15
	5.22.7 C	Thermo-Mechanically treated bars TMTC-500-12mm dia	Kg	1781.57
	5.22.7 D	Thermo-Mechanically treated bars TMTC-500-16mm dia	Kg	1310.30
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	19.23
19	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	8.37
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 a 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	1029.87
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	337.77
22	13.11.3	<u>Cement plaster in course send 12mm cement plaster</u> of mix 1:6(1cement:6course sand).	Sqm	307.52
21	13.77.2	New work (two or more coats) over and including priming coat with cement primer.	Sqm	645.29
22	11.26.1	Kota stone slab flooring over 20mm (average) thick. 20 to 25 mm thick	Sqm	576.15
23		Electrification and P.H work.		

<p align="center">DETAILS ESTIMATE OF PLANT HALL (PEB SHED - II) AREA - 576.15 SQM. (6200.00 SQ. FT.,)</p>				
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	129.15
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	52.71
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	5.27
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). R.C.C Footing	Cum	13.73
5	5.9.1	Centring and shuttering including strutting, propping etcand removal of from for.Foundation, Footing, bases of columns etc. mass concrete.	Sqm	29.28
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	15.26
7	5.9.6	Centring and shuttering including strutting, propping etcand removal of from for. Columns , Pillar, Piers, Abutments, Posts and Struts.	Sqm	104.20
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	10.23
9	5.9.5	Centring and shuttering including strutting,propping etcand removal of from for. lintels, beams, plinth beams, griders,bressumers and cantilevers. N. G. L Beam	Sqm	81.84
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	15.38
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	3.72

<p style="text-align: center;">DETAILS ESTIMATE OF PLANT HALL (PEB SHED - II) AREA - 576.15 SQM. (6200.00 SQ. FT.,)</p>				
SL. NO.	SOR CODE NO.	DESCRIPTION	UNIT	QTY.
12	5.9.5	Centring and shuttering including strutting,propping etcand removal of from for. lintels, beams, plinth beams, grids,bressumers and cantilevers. Plinth Beam	Sqm	29.76
13	2.28	Supplying and <u>filling in Plinth with local sand</u> and under floors including, watering, remming consolidation and dressing complete.	Cum	861.63
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/l.	Sqm	566.86
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	85.03
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	75.64
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	1035.28
	5.22.7 B	Thermo-Mechanically treated bars TMTC-500-10mm dia	Kg	976.15
	5.22.7 C	Thermo-Mechanically treated bars TMTC-500-12mm dia	Kg	1752.84
	5.22.7 D	Thermo-Mechanically treated bars TMTC-500-16mm dia	Kg	1289.17
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	18.92
19	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	8.37
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	1013.27
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	332.33
22	13.11.3	<u>Cement plaster in course send 12mm</u> cement plaster of mix 1:6(1cement:6course sand).	Sqm	302.56
21	13.77.2	New work (two or more coats) over and including priming coat with cement primer.	Sqm	634.89
22	11.26.1	Kota stone slab flooring over 20mm (average) thick. 20 to 25 mm thick	Sqm	566.86
23		Electrification and P.H work.		

**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.
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). <u>R.C.C Footing</u>	Cum	2.95
5	5.9.1	Centring and shuttering including strutting, propping etcand 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 etcand 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 etcand removal of from for. lintels, beams, plinth beams, griders,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 etcand removal of from for. lintels, beams, plinth beams, griders,bressumers and cantilevers. Plinth Beam	Sqm	14.32

**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.
13	2.28	Supplying and filling in Plinth with local sand and under floors including, watering, remming consolidation and dressing complete.	Cum	18.14
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). <u>PCCWork</u>	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 ston 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) <u>R.C.C Roof</u>	Cum	3.72
C	5.9.5	Centring and shuttering including strutting,propping etc.and removal of from forlintels,beams,plinth, beams,griders,bressumers and cantilevers. <u>Roof</u>	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

Primary Processing and storage of vegetables	
Sl. No.	Particulars
1	F&V Washer (300 Kg/Hr)
2	Onion Storage (50 MT)
3	Multipurpose Cold Room (30 MT)
4	Plastic crates (100 Nos.)
5	Aluminium Top Table
6	Racks
7	Electric Sealer (100 Kg/ Hr)
8	Bag Stitching machine

POTATO CHIPS PROCESSING			
Sl. No.	Particulars	Capacity	Qty. Nos.
1	POTATO GRADER	100 kg /hr	1
2	BATCH FRYER COMPLETE SET	50 kg /hr	1
3	DE-OILER	50 kg /hr	1
4	POTATO PEELING MACHINE WITH MOTOR	50 kg /hr	1
5	POTATO SLICER MACHINE WITH MOTOR	50 kg	1
6	DEHYDRATOR MACHINE WITH MOTOR	50 kg /hr	1
7	AUTO STORAGE SYSTEM	100 kg /hr	1
8	MASALA COATING & MIXER BOWL (Seasoning Machine)	25 kg	1
9	HEAD AUTOMATIC WIEGHER PACKING MACHINE	100 kg /hr	1

PICKLE PROCESSING		
Sr. No.	Description	Qty
1	Fruit Washer-50-100 Kg/hr	1
	Soaking tank consists of perforated sheet and air piping. Air bubbles are created in the soaking tank through the turbo blower. Turbulence action is created by the water jet to push the fruits on the Elevator. Take off elevator is of P.P food quality belt. Fresh water is sprayed on fruits from top and bottom of P.P belt to clean the Fruits.	
	M.O.C.-SS 304.	
	Electrical Power: - i) Elevator Drive:0.5 HP	
	ii) Blower Motor:0.5 HP	
	iii) Water Pump:0.5 HP	
304 type Stainless steel, all joints argon welded and polished		
2	Peeling Knives	8
	Stainless Steel - Fitted on wooden Platform and wooden handle	
3	SS Table with Stools	2
	Size: 2300 x 900 x 850 mm	
	SS 304 TableTop	
	With sitting chair arrangement	
304 type Stainless steel, all joints argon welded and polished		
4	Quartering Machine	1
	Cap depending upon the type of product & size.	

	Fruits/ vegetables cut into 4 quarter size	
5	Dicing & Cutting Machine	1
	Cap depending upon the type of product & size.	
	Fruits/ vegetables into cube size 8 mm, 10 mm, 15 mm	
	Electrical Power: - 1 HP	
	Contact Parts: - SS 304	
	All joints argon welded and polished	
6	Spares for Slicing & Dicing machine	2
	Cutters for slicing & dicing machine	
7	Jacketed Kettle – LPG operated	1
	Capacity: 50 Kg/Batch	
	Cylindrical bottom spherical bowl.	
	Agitator paddle type rotating at 28 RPM.	
	Tilting Type Kettle	
	Electrical Power: - 1 HP	
	MOC: Contact Parts S.S. 304.	
	Non-contact Parts: - MS duly painted	
	Jacketed Kettle with thermic fluid heated by gas burner	
304 type Stainless steel- all joints argon welded and polished		
8	Ribbon Blender	1
	Capacity: 50 Kg/Batch	
	Pickle Mixer machine having SS chamber	
	With suitable gear box and 3.0 HP electric motor	
	With all contacting parts stainless steel as per our standard supply.	
	MOC: S.S 304	
	304 type Stainless steel- all joints argon welded and polished Electrical Power: 3.0 HP	
9	SS Trays	10
	400 x 400 x 100 mm	
	For handling of raw material manually	
	MOC: SS	
10	Weighing Scale	1
	Capacity – 100 Kg	
	Digital display.	
	Capacity -200 Kg	
	L/C – 20 gm Platform Size – 600 x 600 mm	
11	Aluminium Heat-Sealing Machine	1
	To seal the top cover by aluminium foil paper	
	Manually operated	
12	Induction Sealing Machine	1
	Portable Induction Sealer Machine utilizes electro-magnetic induction principle to produce instant high heat to melt aluminum foil that then adheres to the bunghole, reaching the aim of wet-proof, leakage-proof, mildew-proof and extending preservation time.	
	Voltage: 110V/220V 50 - 60Hz; Power :500W	
	Capacity: 0 ~ 50pcs/min Sealing diameter: Φ20 - Φ100mm	

	Dimensions: 340 x 290 x 130mm	
	Weight: 6 kg	
13	SS vessel	1
	Stainless steel small vessel for heating oil – Capacity -5 Lit	
14	Veg cutting Knives	6
	Stainless Steel for cutting purpose	
	With plastic handle	
15	HDPE DRUM	50
	Sturdy, durable	
	With wide opening	
	Capacity – 200 Lit	
16	Pet Jar	500
	5 Kg pet jar	
	With lid cover	
	Food grade material	
17	Weighing scale	2
	Capacity – 1-5 Kg	
	Digital display.	
	Capacity -5 Kg	
	L/C – 0.1 gm	
18	Hot Air Gun	4
	Heat Gun is a professional hot air blower	
	The handle has on/off button attached to it for greater work-effectiveness.	
	Qualified heating elements which turn hot in few seconds and serve its purpose efficiently. When turned off, the coil cools down quickly	
19	Gas Oven/Stove	1
	2 burner assembly	
	For heating purpose	
	LPG cylinder is in customer scope.	
20	Automatic Pickle Pouch Filling & Packaging Machine	1
	Automatic Pickle Filling & packaging Machine	
	Automatic Sensors based digital weighing	
	Contact Parts – SS 304	

TOMATO KETCHUP PROCESSING			
S. No.	Descriptions	Capacity	Qty
1	Blancher	15 kg /hr	1
2	Fruit Pulper	100 kg /hr	1
3	Pasteuriser with Boiler	500 lt /hr	1
4	Mixing Tank	500 lt /hr	1
5	Vacuum Pan/ Stem Kettle	500 lt /hr	1
6	Ketchup Packing Machine	500 lt /hr	1

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 Facility at CoE, Chandī, Nalanda.**

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 :

(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/She 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, Chandi, Nalanda.

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, Chandi, Nalandaas 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 (PEB Shed – I)	1	6200 sq. ft			
2	Plant Hall (PEB Shed – II)	1	6200 sq. ft			
3	Change room & washroom for ladies and gents		320 sq. ft.			
	Subtotal I					

S. No.	Description of Item	Qty	Unit	Unit Rate	GST	Total Amount
II. Plant & machinery						
Primary processing and storage of vegetables						
1	F&V Washer (300 Kg/Hr)	1				
2	Onion Storage (50 MT)					
3	Multipurpose Cold Room (30 MT)					
4	Plastic crates (100 Nos.)	100				
5	Aluminium Top Table	1				
6	Racks					
7	Electric Sealer (100 Kg/ Hr)	1				
8	Bag Stitching machine	1				

S. No.	Description of Item	Qty	Unit	Unit Rate	GST	Total Amount
II. Plant & machinery						
Potato chip processing						
1	Potato Grader (100 kg/hr)	1				
2	Batch Fryer Complete Set (50 kg/hr)	1				
3	De-oiler (50 kg/hr)	1				
4	Potato Peeling Machine with Motor (50 kg/hr)	1				
5	Potato Slicer Machine with Motor (50 kg/hr)	1				
6	Dehydrator Machine with Motor (50 kg/hr)	1				
7	Auto storage system (100 kg/hr)	1				
8	Masala Coating & Mixer Bowl (Seasoning Machine) (25 kg/hr)	1				
9	Head Automatic Weigher Packing Machine (100 kg/hr)	1				
Pickle processing						
1	Fruit Washer-50-100 Kg/hr	1				
	Soaking tank consists of perforated sheet and air piping. Air bubbles are created in the soaking tank through the turbo blower. Turbulence action is created by the water jet to push the fruits on the Elevator. Take off elevator is of P.P food quality belt. Fresh water is sprayed on fruits from top and bottom of P.P belt to clean the Fruits.					
	M.O.C.-SS 304.					
	Electrical Power: - i) Elevator Drive:0.5 HP					
	ii) Blower Motor:0.5 HP					
	iii) Water Pump:0.5 HP					
304 type Stainless steel, all joints argon welded and polished						
2	Peeling Knives	8				
	Stainless Steel - Fitted on wooden Platform and wooden handle					
3	SS Table with Stools	2				
	Size: 2300 x 900 x 850 mm					
	SS 304 TableTop					
	With sitting chair arrangement					
304 type Stainless steel, all joints argon welded and polished						
4	Quartering Machine	1				
	Cap depending upon the type of product & size.					
	Fruits/ vegetables cut into 4 quarter size					
5	Dicing & Cutting Machine	1				
	Cap depending upon the type of product & size.					
	Fruits/ vegetables into cube size 8 mm, 10 mm, 15 mm					
	Electrical Power: - 1 HP					

S. No.	Description of Item	Qty	Unit	Unit Rate	GST	Total Amount
II. Plant & machinery						
	Contact Parts: - SS 304					
	All joints argon welded and polished					
6	Spares for Slicing & Dicing machine	2				
	Cutters for slicing & dicing machine					
7	Jacketed Kettle – LPG operated	1				
	Capacity: 50 Kg/Batch					
	Cylindrical bottom spherical bowl.					
	Agitator paddle type rotating at 28 RPM.					
	Tilting Type Kettle					
	Electrical Power: - 1 HP					
	MOC: Contact Parts S.S. 304.					
	Non-contact Parts: - MS duly painted					
	Jacketed Kettle with thermic fluid heated by gas burner					
	304 type Stainless steel- all joints argon welded and polished					
8	Ribbon Blender	1				
	Capacity: 50 Kg/Batch					
	Pickle Mixer machine having SS chamber					
	With suitable gear box and 3.0 HP electric motor					
	With all contacting parts stainless steel as per our standard supply.					
	MOC: S.S 304					
	304 type Stainless steel- all joints argon welded and polished Electrical Power: 3.0 HP					
9	SS Trays	10				
	400 x 400 x 100 mm					
	For handling of raw material manually					
	MOC: SS					
10	Weighing Scale	1				
	Capacity – 100 Kg					
	Digital display.					
	Capacity -200 Kg					
	L/C – 20 gm					
	Platform Size – 600 x 600 mm					
11	Aluminium Heat-Sealing Machine	1				
	To seal the top cover by aluminium foil paper					
	Manually operated					
12	Induction Sealing Machine	1				
	Portable Induction Sealer Machine utilizes electro-magnetic induction principle to produce instant high heat to melt aluminum foil that then adheres to the bunghole, reaching the aim of wet-proof, leakage-proof, mildew-proof and					

S. No.	Description of Item	Qty	Unit	Unit Rate	GST	Total Amount
II. Plant & machinery						
	extending preservation time. Voltage: 110V/220V 50 - 60Hz; Power :500W Capacity: 0 ~ 50pcs/min Sealing diameter: Φ20 - Φ100mm Dimensions: 340 x 290 x 130mm Weight: 6 kg					
13	SS vessel Stainless steel small vessel for heating oil – Capacity -5 Lit	1				
14	Veg cutting Knives Stainless Steel for cutting purpose With plastic handle	6				
15	HDPE DRUM Sturdy, durable With wide opening Capacity – 200 Lit	50				
16	Pet Jar 5 Kg pet jar With lid cover Food grade material	500				
17	Weighing scale Capacity – 1-5 Kg Digital display. Capacity -5 Kg L/C – 0.1 gm	2				
18	Hot Air Gun Heat Gun is a professional hot air blower The handle has on/off button attached to it for greater work-effectiveness. Qualified heating elements which turn hot in few seconds and serve its purpose efficiently. When turned off, the coil cools down quickly	4				
19	Gas Oven/Stove 2 burner assembly For heating purpose LPG cylinder is in customer scope.	1				
20	Automatic Pickle Pouch Filling & Packaging Machine Automatic Pickle Filling & packaging Machine Automatic Sensors based digital weighing Contact Parts – SS 304	1				

S. No.	Description of Item	Qty	Unit	Unit Rate	GST	Total Amount
II. Plant & machinery						
<i>Tomato ketchup processing</i>						
1	Blancher (15 kg/hr)	1				
2	Fruit Pulper (100 kg/hr)	1				
3	Pasteuriser with Boiler (500 litre/hr)	1				
4	Mixing Tank (500 litre/hr)	1				
5	Vacuum Pan/ Stem Kettle (500 litre/hr)	1				
6	Ketchup Packing Machine (500 litre/hr)	1				
				Subtotal II		
				Total (I+II)		
Total Rupees in words:						

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