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## Tender Notice

#### [NAU/COAB/FACILITIES/2018-2019]

Enhancement of Education Facilities at College of Agriculture Bharuch (2<sup>nd</sup> Attempt)

Tender available for downloading	01/01/19 to 11/01/19
Last date of online submission at nprocure.com	11/01/2019 up to 17:00 Hrs.
Last date for submission of tender fee, EMD and	16/01/2019 up to 17:00 Hrs.
other documents in hard copy	
Tender Fees	Rs. 5,000/-
Earnest Money Deposits (EMD)	Rs. 1,65,000/-

The details of tender for Enhancement of Education Facilities at College of Agriculture Bharuch Enhancement of Education Facilities at College of Agriculture Bharuch are available on website www.nau.in under tender section. If any future updates regarding tender will be there, it will be published in website www.nau.in during tender period.

Date : 01/01/2019	Principal,	COA	NAU	Bahruch
Date . 01/01/2019	Principal,	CUA	, NAU,	Damuch



Dean & Principal, College of Agriculture, Navsari Agricultural University, Bharuch- 392 012, Gujarat

Tender Document

For

Enhancement of Education Facilities at College of Agriculture Bharuch (2<sup>nd</sup> Attempt)

(NAU/COAB/FACILITIES/2018-19)

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#### Chapter 1: Tender Notice - NAU/COAB/FACILITIES/2018-19

### Enhancement of Education Facilities at College of Agriculture Bharuch (2<sup>nd</sup> Attempt)

#### (NAU/COAB/FACILITIES/2018-19)

Bids from supplier are invited for the Supply and Installation of Enhancement of Education Facilities at College of Agriculture, Bharuch, Navsari Agricultural University. The list of items, terms & conditions are described in tender document which is available in www.nau.in website and tender should be submitted through www.nprocure.com.

Tender Fee	Rs. 5,000/-
Tender available for downloading and submission	01/01/2019 to 11/01/2019 up to 17:00 Hrs.
Last date of online submission at nprocure.com	11/01/2019 up to 17:00 Hrs.
Last date for submission of tender fee, EMD and other documents in hard copy	16/01/2019 up to 17:00 Hrs.
Earnest Money Deposit (EMD)	Rs. 1,65,000/-
Tender documents available on website	www.nau.in
Bid Validity	1 year

Dean, COAB, NAU

## Chapter 2: Company Details

1	Name of the Party/Company	
	5 1 5	
2	Registration Number	
3	Address of the	
	Party/Company (Enclose the	
	authentic document for	
	address proof like electricity	
	bill, telephone bill,	
	corporation tax etc.)	
4	Phone Number	
4	Phone Number	
	Fax Number Mobile	
	i ax ivanioer woone	
	North on Workin a on oil	
	Number Working email	
	address	
5	PAN Card Number (Please	
	attach the photocopy)	
6	GST Number	

Date : \_\_\_\_\_

Signature of bidder (With Stamp, Name & Designation)

# Chapter 3: Guidelines (Terms & conditions)

1.	Amendment of tender document			
	1.1	The parties are expected to examine all instructions, forms, terms and requirements in the tender document. Failure to furnish all information required by the-tender document or submission of a bid not substantially responsive to the-tender document in every respect will be at the party's risk and may result in the rejection of the bid.		
	1.2	At any time prior to the last date purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective party, modify the tender document by an amendment.		
	1.3	The amendment will be notified through website (www.nau.in), so all the bidders are requested to frequently visit the Navsari Agricultural University website.		
	1.4	Each Supplier shall submit only one (1) Bid for each of the item, in response to this Procurement Document (PO). Any Supplier who submits more than one Bid for the item will be disqualified. The Bidder shall not transfer the PO document to another interested party.		
2.	Sele	ction of Bidders		
	2.1	Each party has to quote for all the items compulsorily, otherwise quotation of that party will be disqualified. Total amount of all the items per unit rate will be considered to judge the L1 party.		
	2.2	Selection of bidders will be done on the basis of the overall grand total obtained for		
		the whole tender. Bidders have to bid strictly in the given format in tender document.		
3.		ranty		
	3.1	The parties should warrants that the Goods supplied under this tender are new, unused, of the most recent or current models and those they incorporate all recent improvements in design and materials unless provided otherwise in the tender. This warranty shall remain valid for a period of a minimum 1 year (Enhancement of Education Facilities at College of Agriculture, Bharuch) after the Goods or any portion thereof as the case may be, have been delivered, commissioned and accepted at the final destination.		
	3.2	If the Supplier, having been notified, fails to remedy the defect(s) within the stipulated period of working 5 days, the Purchaser may proceed to take such remedial action as may be necessary, at the party's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.		
4	Taxe	es and Other Charges		
	4.1	The successful party shall be entirely responsible for all taxes, duties, license fees, demurrage charges etc., in respect of this contract and provisions of Income tax Act regarding deduction of tax at source shall apply.		
	4.2	Travel expenditures of man power for installation and maintenance during warranty period will not given by Navsari Agricultural University.		

5	Term	Cerms of Payment				
	5.1	The Bidder should specifically note that no advance payment will be made.				
	5.2	The payment of all charges shall be made after satisfactory installations.				
6	Righ	ts				
	6.1	Right is reserved to accept or reject any or all tender without assigning any reasons thereof.				
	6.2	This is subject to the jurisdiction of the competent court of Bharuch only.				
7	Purc	hase / Purchase Quantity				
	7.1	As purchaser is government organization, the purchase process / purchase quantity is depending upon grant availability, in case of grant issues either whole purchase process or some quantity.				
8	Supp	ly, Service and Support				
9	8.1 8.2 Seali 9.1	<ul> <li>These purchase items are inquired from various units of Navsari Agricultural University (NAU), hence supplier has to abide followings.</li> <li>Purchase order can be given by different units of NAU, and similarly payment will be made by respective units.</li> <li>Supplier has to supply items at Bharuch center of NAU. If demanded Supplier has to supply items at any locations of NAU with same tender conditions.</li> <li>Supplier is abided to provide service and support of items at Bharuch center of NAU and at any location of NAU without extra charges.</li> <li>This office invited unit rate of each item.</li> <li>ing and Marking of Bid for submission of Physical Tender documents and sample</li> <li>The outer envelope must be super scribed with the following information <ul> <li>(a) Name and Address of Supplier</li> </ul> </li> </ul>				
	9.2	<ul><li>(b) Name of work Tender.</li><li>If the envelope is not sealed and marked as instructed above, Authority assumes no</li></ul>				
		responsibility for the misplacement or premature opening of the contents of the Bid submitted and such Bid may be rejected.				
10	Draw					
	10.1	The bidder will submit drawings of the proposed works along with the bid. Successful bidder will be required to submit detailed drawings of all the works.				

I/we have gone through all the terms & condition specified above for participation under tender "Enhancement of Education Facilities at College of Agriculture Bharuch" and agreeing with all above terms & conditions.

Signature of bidder

(With Stamp, Name & Designation)

# Chapter 4: Item Specification

<ol> <li>Providing and fixing colors anodized aluminum section partition:- For providing and fixing partly paneled / glazed aluminum section partition the aluminum section should be of "JINDAL" or equivalent ISI brand with anodized colors. The bottom, top and side section having one side locking and should be single partition member section having thickness of 2.10mm. Grip system of size 63 x 38.10 mm, weight 1 to 1.100 Kg/RMT. Internal vertical and horizontal member of double side locking grip system should be provided. For fixing glass or panel the glazing clips should be of 0.90 mm thickness and its size should be 17.30 x 19mm of weight 120 g/RMT, with jumbo ISI-Brand rubber. For infill 6 mm thickness, transparent – "MODI GUARD" or equivalent ISI-Brand glass and 4 mm thickness aluminum composite panel of "ALEX" or equivalent ISI-Brand. The peripheral gap should be sealed by weather proof silicon seal. Installation should be done by S.S. screws (of required size) and wall plugs (of required size). All the work will be carried out with good finishing and line level as directed by engineer in charge.</li> <li>Providing and fixing cement sandwich panel partition:-For providing and fixing cement sandwich panel partition: dement, binders and mixture salacious and micaceous materials aggregates of V- board or equivalent, Size of panel should be 576 mm width. Top and bottom G.I."C" channel of size: 50 mm x 30 mm x 30 mm. C- channel fitting and machine S.S. screws (of required size) and wall plug (of required size). The average distance of screw used for floor and top channel should be 432mm minimum. The required height panel should be placed in floor mounted channels. The "C" channel fitting should be done as per necessity and requirements. After installation of panel all gaps between two panels should have primer coating Birla-White cement. For smooth finish coating paint-plastic paint "ASIAN" or equivalent ISI-Brand should be done. All the work will be carried out with good finishing and line level as dire</li></ol>	Unit	Appox. Qty	Name of Work	Sr. No.
providing and fixing cement sandwich panel partition the panel should be of 50 mm thickness cement sandwich panels having tongue and groove locking system and made out of two fiber-reinforced cement sheets enclosing a light weight core composed of Portland cement, binders and mixture salacious and micaceous materials aggregates of V– board or equivalent, Size of panel should be 576 mm width. Top and bottom G.I."C" channel of size: 50 mm x 30 mm x 30 mm. C- channel fitting and machine S.S. screws (of required size) and wall plug (of required size). The average distance of screw used for floor and top channel should be 432mm minimum. The required height panel should be placed in floor mounted channels. The "C" channel fitting should be done as per necessity and requirements. After installation of panel all gaps between two panels should be filled up with acrylic putty. The material should be water proof and termite proof. The cement sandwich double side board should have primer coating Birla-White cement. For smooth finish coating paint-plastic paint "ASIAN" or equivalent ISI-Brand should be done. All the work will be carried out with good finishing and line level as directed by engineer in charge.	SMT.	-	For providing and fixing partly paneled / glazed aluminum section partition the aluminum section should be of "JINDAL" or equivalent ISI brand with anodized colors. The bottom, top and side section having one side locking and should be single partition member section having thickness of 2.10mm. Grip system of size 63 x 38.10 mm, weight 1 to 1.100 Kg/RMT. Internal vertical and horizontal member of double side locking grip system should be provided. For fixing glass or panel the glazing clips should be of 0.90 mm thickness and its size should be 17.30 x 19mm of weight 120 g/RMT, with jumbo ISI-Brand rubber. For infill 6 mm thickness, transparent – "MODI GUARD" or equivalent ISI-Brand glass and 4 mm thickness aluminum composite panel of "ALEX" or equivalent ISI-Brand. The peripheral gap should be sealed by weather proof silicon seal. Installation should be done by S.S. screws (of required size) and wall plugs (of required size). All the work will be carried out with good finishing and line level as directed	1.
	SMT.	198	<b>Providing and fixing cement sandwich panel partition:</b> -For providing and fixing cement sandwich panel partition the panel should be of 50 mm thickness cement sandwich panels having tongue and groove locking system and made out of two fiber-reinforced cement sheets enclosing a light weight core composed of Portland cement, binders and mixture salacious and micaceous materials aggregates of V– board or equivalent, Size of panel should be 576 mm width. Top and bottom G.I."C" channel of size: 50 mm x 30 mm x 30 mm. C-channel fitting and machine S.S. screws (of required size) and wall plug (of required size). The average distance of screw used for floor and top channel should be 432mm minimum. The required height panel should be done as per necessity and requirements. After installation of panel all gaps between two panels should be filled up with acrylic putty. The material should be water proof and termite proof. The cement sandwich double side board should have primer coating Birla-White cement. For smooth finish coating paint-plastic paint "ASIAN" or equivalent ISI-Brand should be done. All the work will be carried out with good finishing and line level as directed by	2.
3. <b>Providing and fixing low Height partition for office Cubicles:</b> -For 36	SMT.	36	Providing and fixing low Height partition for office Cubicles:-For	3.

Aluminum frame should be of "JINDAL" or equivalent ISI-Brand e and should be made texture frame 63.50 mm x 38.10 mm size with 2 mm thickness and weight will be 1 to 1.100 Kg/RMT. Inside frame to form a grid of 576 mm x 576 mm, horizontal and vertical support should be connected with GI-"L" corner of size 50 mm x 25 mm x 25 mm. For installing the self-drilled screw of size 19 mm x 7 mm or 25 mm x 7 mm should be used. Both side of aluminum frame pre- laminate particle board of 12 mm thickness ISI brand .Top end of partition will be covered with bidding pre laminate patti of size 90 mm x 10 mm. To inter connect both Aluminum frame and pre laminated particle board adhesive silicon "ALSTONE STIXALL" should be used. All the work will be carried out with good finishing and line level and as directed by engineer in charge.		
Providing and fixing high height-partition for office:-For providing	390	SMT.
and fixing high height-partition for office the Aluminum frame should be of "JINDAL" or equivalent ISI brand. Inside texture frame size 63.50 mm x 38.10 mm size with 2 mm thickness and weight should be 1 to 1.100 Kg/RMT. For fitting frame horizontal and verticals support will be used from ground to top, connected with GI-"L" connector of size 50 mm x 25 mm x 25 mm and for installation self-drilled screw of size 25 mm x 7 mm or 19 x 7 mm should be used. For installing partition S.S. screw of 75 mm x 10 mm and wall plug of 38 mm should be used. Both side of Aluminum frame covered with pre laminated particle board of ISI brand of size 12 mm thick should be used. In middle of partition a glass of height 1050 mm and thickness 8 mm for clear vision should be used. For installing this glass both side bedding pre laminated patti of size 40 mm x 10 mm should be used. To interconnect both Aluminum frame and pre laminated particle board Adhesive silicon "ALSTONE STIXALL" should be used. All work will be carried out with Good shape and finishing good manner, in line		
level as directed by engineer in charge.	50	
<b>Providing and fixing partition door for office:</b> -For providing and fixing partition door for office pine flash door ISI Brand with glass in middle of door of 900 mm x 600 mm size with 8 mm thickness should be used for clean vision from door. Door size should be 35 mm thickness with both side laminated sheet (of 1 mm thickness) coated. Installation of laminate on both the sides will be done with Adhesive-Fevicol Marine. The four edge of office door coated with pre laminated bidding patti of size 35 mm x 8 mm. The glass used in office door should be toughened glass of "MODI GUARD" or equivalent ISI brand. For installing this glass all the side bedding pre laminated patti of size 14 mm x 10 mm should be used. For hanging door with partition, S.S Hinges (12 no.) of size 125 mm x 30 mm x 30 mm should be used. For installation of S.S Hinges (12 no.) with door S.S Screw of size 38 mm x 8 mm should be used. A mortise lock system of	53	SMT.
	and should be made texture frame 63.50 mm x 38.10 mm size with 2 mm thickness and weight will be 1 to 1.100 Kg/RMT. Inside frame to form a grid of 576 mm x 576 mm, horizontal and vertical support should be connected with GI-"L" corner of size 50 mm x 25 mm x 7 mm or 25 mm. For installing the self-drilled screw of size 19 mm x 7 mm or 25 mm X 7 mm should be used. Both side of aluminum frame pre- laminate particle board of 12 mm thickness ISI brand .Top end of partition will be covered with bidding pre laminate patti of size 90 mm x 10 mm. To inter connect both Aluminum frame and pre laminated particle board adhesive silicon "ALSTONE STIXALL" should be used. All the work will be carried out with good finishing and line level and as directed by engineer in charge. <b>Providing and fixing high height-partition for office:</b> -For providing and fixing high height-partition for office: the Aluminum frame should be of "JINDAL" or equivalent ISI brand. Inside texture frame size 63.50 mm x 38.10 mm size with 2 mm thickness and weight should be 1 to 1.100 Kg/RMT. For fitting frame horizontal and verticals support will be used from ground to top, connected with GI-"L" connector of size 50 mm x 25 mm x 25 mm and for installation self-drilled screw of size 25 mm x 7 mm or 19 x 7 mm should be used. For installing particle board of ISI brand of size 12 mm thick should be used. In middle of partition a glass of height 1050 mm and thickness 8 mm for clear vision should be used. For installing this glass both side bedding pre laminated patti of size 40 mm x 10 mm should be used. All work will be carried out with Good shape and finishing good manner, in line level as directed by engineer in charge. <b>Providing and fixing partition door for office:</b> -For providing and fixing partition door for office pro roviding and fixing partition door for office door coated with glass in middle of door of 900 mm x 600 mm size with 8 mm thickness should be used for clean vision from door. Door size should be 35 mm thickness with both side laminated sh	and should be made texture frame 63.50 mm x 38.10 mm size with 2 mm thickness and weight will be 1 to 1.100 Kg/RMT. Inside frame to form a grid of 576 mm x 576 mm, horizontal and vertical support should be connected with GI-"L" corner of size 50 mm x 25 mm x 25 mm. For installing the self-drilled serew of size 19 mm x 7 mm or 25 mm x 7 mm should be used. Both side of aluminum frame pre- laminate particle board of 12 mm thickness ISI brand .Top end of partition will be covered with bidding pre laminate pati of size 90 mm x 10 mm. To inter connect both Aluminum frame and pre laminated particle board adhesive silicon "ALSTONE STIXALL" should be used. All the work will be carried out with good finishing and line level and as directed by engineer in charge. <b>Providing and fixing high height-partition for office:</b> -For providing and fixing high height-partition for office: the Aluminum frame should be of "JINDAL" or equivalent ISI brand. Inside texture frame size 63.50 mm x 38.10 mm size with 2 mm thickness and weight should be 1 to 1.100 Kg/RMT. For fitting frame horizontal and verticals support will be used from ground to top, connected with GI-"L" connector of size 50 mm x 25 mm and for installation self-drilled screw of size 25 mm x 7 mm or 19 x 7 mm should be used. For installing particito S.S. screw of 75 mm x 10 mm and wall plug of 38 mm should be used. Both side of Aluminum frame covered with pre laminated particle board of ISI brand of size 12 mm thick should be used. In middle of partition a glass of height 1050 mm and thickness 8 mm for clear vision should be used. For installing this glass both side bedding pre laminated patti of size 40 mm x 10 mm should be used. In middle of or off size 12 mm tick should be used. In middle of door of 900 mm x 600 mm size with 8 mm thickness should be used for clean vision from door. Door size should be used. In middle of door of 900 mm x 600 mm size with 8 mm thickness should be used for clean vision from door. Door size should be 35 mm thickness with both side laminated

	size 45 mm x 85 mm should be used with the door of "ENOX" ISO brand or equivalent. For auto-closing of door, door closer of 80 kg weight capacity should be used of "ENOX" ISO brand equivalent. All work will be carried out in good finishing or line level as directed by engineer or authority.		
6.	<b>Providing and fixing working station Drawer Unit:</b> -For providing and fixing working station drawer unit 19 mm Marine plywood "EVEREST" ISI Brand or equivalent of BWP grade 710 should be used, both side of plywood sheet will be covered with two type of laminate sheet (inside white-off white color and outer side choiceable color) of 1 mm thickness, of "GREEN LAM" ISI Brand or equivalent should be used. For installation of laminate sheet with both sides of door "Fevicol" Marine ISI Brand adhesive should be used. Required number of drawer and shutter should be provided with 2mm pre- laminated patti on edges, quality runner, handle, lock, etc. The shutter should be attached to framing section using required number of hinges of required opening fashion of "ENOX" ISO brand or equivalent. S.S handle of size 75mm x 10mm should be provided to all shutters and drawers. All work will be carried out in good manner finishing as directed by engineer in charge.	5	SMT.
7.	<b>Providing and fixing work station top:-</b> For providing and fixing work station top 36 mm plywood of "EVEREST" or equivalent ISI Brand of MR grade should be used. For good finishing on top of plywood sheet acrylic laminate sheet should be used. For installation of acrylic sheet with plywood sheet "BREGA" adhesive should be used. In front side of working station top post forming should be done. Installation of top with lower working station drawer unit should be done with S.S. Screw of 32 mm x 8 mm. All work will be carried out in good manner, good finished as directed by engineer in charge.	8	SMT.
8.	<b>Providing and fixing computer C.P.U stand:</b> -For providing and fixing computer C.P.U stand with work station drawer unit the C.P.U stand of "EBCO" or equivalent ISI brand should be used. The C.P.U stand should be powder coated with quality wheels or without wheels but under table mounting type with swivel and pull out type option. All work will be carried out in good manner, good finished as directed by engineer in charge.	8	Nos.
9.	<b>Providing and fixing computer key board tray:-</b> For providing and fixing computer key board tray with work station drawer unit the key board tray of "EBCO" or equivalent ISI brand should be used. The key board tray should be powder coated with quality runners and required hardware. All work will be carried out in good manner, good finished as directed by engineer in charge.	8	Nos.
10.	<b>Providing and fixing decorative wooden flooring:</b> -For providing and fixing decorative wooden flooring material should be wooden flooring AC-3 paper of "GREEN" or equivalent ISI brand of 10 mm thickness	45	SMT.

	should be used. Before fixing flooring heatlon paper of 2.5 mm		
	thickness should be used. For locking system alternative grip should be		
	used. In wall skirting pre laminated of solid wooden patti of size 75		
	mm x 12 mm should be used. In this process installation should be		
	done with the help of S.S. Screw and wall plug of required size. All		
	work will be carried out in good manner, good finishing and line-level		
	as directed by engineer in charge.		
11.	<b>Provide and fixing file store rack:-</b> For providing and fixing file store	33	SMT.
	rack plywood sheet of 18 mm thickness of red and white gurjan face		
	MR grade 303 of "EVEREST" or equivalent ISI brand should be used		
	with the size of file store rack 432 mm depth. Inside rack white/ off		
	white 1mm thickness laminated sheet should be used for finishing.		
	While outer side of file store rack will be covered with 1 mm thickness		
	(choiceable color). For installation of laminate sheet with plywood		
	sheet "Fevicol" Marine ISI Brand should be used. Inside File store		
	rack should be divided in five same size compartment as directed by		
	engineer in charge. 18 mm thickness of red and white gurjan face MR		
	grade 303 of "EVEREST" ISI Brand equivalent plywood should be		
	used for shutter and covering of sheet should be done with 1mm		
	thickness laminate (Inside white/ off white laminated sheet and outer		
	side choiceable colored laminated sheet). For installation of laminate		
	sheet with ply wood sheet both side of shutter Fevicol Marine ISI		
	Brand should be used. Four edges of shutter should be covered with		
	pre laminated patti of size 2mm x 20mm. The shutter should be		
	attached to file store rack using required number of "ENOX" ISO		
	Brand equivalent of required opening fashion 0 crank, 18 crank, 8		
	crank auto-hinges. 100mm x 10mm S.S handle and lock should be		
	provided to all shutters. Auto-hinge should be installed with the help of		
	machine or S.S. machine screw of required size with file store rack.		
	•		
	Entire work will be carried out in good finishing, good manner and		
10	line-level as directed by engineer in charge.		()) (T
12.	<b>Providing and fixing frame with shutter of wall rack:-</b> For providing	292	SMT.
	and fixing framing with shutter of wall rack made out of particle board		
	of solid wood panel of size 18 mm x 45 mm frame the edge of which		
	would be covered with pre-laminated patti For fixing frame on the		
	wall GI-"L" connector of size 50mm x 25mm x 25mm should be used.		
	Installation of frame on wall should be done by S.S. Screw and wall		
	plug of required size. For shutter of frame plywood sheet of 18 mm		
	thickness of red and white gurjan face MR grade 303 of "EVEREST"		
	or equivalent ISI Brand should be used and covering of plywood sheet		
	should be done with 1mm thickness laminate (Inside white/ off white		
	laminated sheet and outer side choiceable colored laminated sheet).		
	For installation of laminate sheet with ply wood sheet both side of		
	shutter "Fevicol" Marine ISI Brand should be used. Four edges of		
	shutter should be covered with pre laminated patti of size 2mm x		

13.	<ul> <li>20mm. Installation of shutter with frame, S.S. hinges of size 75 mm x 18 mm x 18 mm with S.S. Screw of size (19 x 6 mm), (25 x 6 mm) should be used. S.S Handle of size 100 mm x 10mm should be used for shutter. To adjust opening or closing of door, door chain should be used. Magnetic system should be used for closing of door or shutter. Entire work will be carried out in good finishing, good manner and line-level as directed by engineer in charge.</li> <li>Providing and fixing 12mm toughened glass:-For providing and fixing 12 mm toughened glass, 12mm toughened glass of ISI brand should be used for clear vision. Four edges of the glass should be polished by "machine dhaar polish". For installation of glass weather proof silicon sealant should be used. Entire work will be carried out in good finishing, good manner and line-level as directed by engineer in charge.</li> </ul>	6	SMT.
14.	charge. <b>Providing and fixing lab platform carcasses with granite top:</b> -For providing and fixing the carcasses lab platform with granite top size 700mm deep and 765 height made out from using 20 mm and 8 mm thick cement compressed particle board of "BISON" ISI Brand. The top, side, bottom and salving panel should be 20 mm thick cement compressed particle board. All panels should be assembled using required size anti corrosive screw and adhesive. The top, side, bottom and salving panel should be assembled in true line level and right angle. Backing panel should be of size 8 mm thick cement compressed particle board of "BISON" ISI Brand should be used. At the front side required size skirting should be provided. The top, side, bottom and salving panel should be covered with 10 mm x 20 mm teak wood bedding patti. Care should be taken for vertical panel installation, it should touch to floor for better load bearing capacity of platform. The top of platform should be of 18mm thickness approved quality and design granite stone. It should be placed on carcasses using cement mortar or Araldite adhesive. The front edge of granite top should be rounded and polished as directed by engineer in charge. During fabrication the sink with proper drainage outlets should be installed as directed by engineer in charge. Inside the plat-form primer Birla putty and for smooth finishing plastic paint of "ASAIN PAINT" ISI Brand should be used. For shutter of platform 18 mm marine plywood BWP 710 of "EVEREST" or equivalent ISI Brand should be used. Both side of plywood sheet should be covered with laminate sheet of 1mm thickness (Inside white/ off white laminated sheet and outer side choiceable colored laminated sheet). For installation of laminate sheet with ply wood sheet both side of shutter "Fevicol" Marine ISI Brand should be used. Four edges of shutter should be covered with pre laminated patti of size 2mm x 20mm. The shutter should be matched to platform using required number of "ENOX" or equivalent	31	RMT.

	100mm x 10mm S.S handle should be provided to all shutters. Auto- hinge and handle should be installed with the help of machine or S.S. machine screw of required size. Entire work will be carried out in good finishing, good manner and line-level as directed by engineer in charge.		
15.	<b>Providing and fixing cement board divider salving:-</b> For providing and fixing cement board divider salving, the cement compressed particle board of "BISON" ISI Brand of thickness 20 mm should be used and its open edge should be covered with 20 mm x 10 mm teak wood patti. For smooth finishing two type of coating should be used. First coating should be primer or BIRLA PUTTI and second coating should be of plastic paint "ASAIN PAINT" ISI Brand. Salving should be installed horizontally and vertically using "C" shape or "L" shape capping as directed by engineer in charge. Entire work will be carried out in good manner, good finishing and true line level as directed by engineer in charge.	18	SMT.
16.	<b>Providing and fixing glass partition and glass door:</b> -For providing and fixing glass partition and glass door, 12 mm toughened glass of ISI Brand should be used for the glass partition. All edge of glass should be well polished. All fittings should of "ENOX" ISO Brand. For fitting of glass partition on floor and wall "Fix bracket" (ESH-401 A) should be used. For installation of bracket with glass a cutout of size 200 mm x 20 mm should be done in glass. For installing glass with glass "Fix bracket" (ESH-405) should be used. For sealing the peripheral gap or other gap between glass joint, weather proof and water resistance silicon should be used. For glass door 12 mm thick toughened glass should be used of ISI Brand. All edge of glass should be well polished. The size of door should be 864 mm x 1944 mm or as per requirement of engineer or authority provided. For installing glass "door floor spring" ENOX 943 (EN3) of 100 kg weight capacity double crank should be used. For easy opening of door glass door handle of 300 mm (ESDH -1212) in "D" shape should be used. For installing door with partition top or bottom "patch fitting" (EPF 701 OR EPF 702) should be used. For covering upper phase of glass door 12 mm toughened glass panel should be used. For installing glass door 12 mm toughened glass panel should be used. For installing glass door is with partition top or bottom "patch fitting" (EPF 701 OR EPF 702) should be used. For covering upper phase of glass door 12 mm toughened glass panel should be used. For installing glass got 12 mm toughened glass panel should be used. For installing glass door 12 mm toughened glass panel should be used. For installing glass panel "Over panel corner" of "L" shape patch (EPF-704) should be used. Entire work will be carried out in good manner, good finishing and in true line level as directed by engineer in charge.	12	SMT.
17.	<b>Providing, fixing and installation of 6 mm thickness "SINTEX"</b> <b>panel for wall paneling and ceiling:-</b> For providing, fixing and installing of wall paneling and ceiling, 6 mm thickness "SINTEX" panel should be used. Level should be marked on the wall or partition and then 1.5mm thick aluminum channel having size of 32mm x 25mm and weight 341 gm/RMT will be fixed the perimeter of wall	234	SMT.

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	with PVC wall plug and S.S screws at 500 mm center at required level.		
	Line should be marked at roof or slab at 1000mm x 1000mm grid for		
	hanger placement. The intersection point of these lines will be "L"		
	patti of 2mm thickness of size 25mm x 25mm and weight 275		
	gm/RMT. The one end of "L" patti should be fixed to roof or slab,		
	while other end to the intermediate channel using self drilling. 6mm		
	thick 260mm/300mm wide "SINTEX" pre-laminated designer series		
	multi chambered hollow plastic section having tongue and groove		
	joining system should be used for the false ceiling. The plastic section		
	will be then positioned under\ the frame keeping longitudinal edges of		
	the panel across to the ceiling sections. The plastic section will screw		
	fixed to the frame using self-drilling and tapping screws. Then another		
	panel will be sided to panel. All open end will covered with "SINTEX"		
	made extruded "L" shape PVC section having size of 25 mm x 7 mm		
	or "L" shape PVC section having size of 24 mm 24 mm. To extend the		
	length 6 mm thick PVC ceiling section having size of 40 mm x 25 mm		
	should be used. Cynoacrylate adhesive of "THANGA BOND S-302"		
	should be used for joining panel and capping section. Entire work will		
	be carried out in good manner, good finishing and true line level as		
	directed by engineer in charge.		
18.	Providing and fixing Aluminum section color anodized door:-	28	SMT.
10.	For providing and fixing Aluminum section color anodized anodized	20	SIVIT.
	door, Aluminum section should be of anodized color.		
	Aluminum section should be of "JINDAL" or equivalent ISI Brand.		
	The door frame section should be 01 SHVDAL of equivalent 151 Brand.		
	44.45 mm and weight should be 1.400 KG/RMT. The frame should be		
	attached to partition/wall/structure using "self expanding fastener"		
	with reinforcement. The door shutter lock rail, hinge rail and handle		
	rail should be used of 2mm thickness and having size 85 mm x 44.45		
	mm and weight 1.400 KG/RMT. The door shutter top and bottom rail		
	should be of 2mm thickness and having size 85 mm x 44.45 mm and		
	weight 1.400 KG/RMT. The glazing clip should be 0.90 mm thick		
	having size 17.30 mm x 19mm weight 120 gm/RMT with jumbo		
	"EPDM" rubber. For infill 6 mm thick clear glass of "MODI		
	GUARD'' ISI brand equivalent should be used. 4 mm thick aluminum		
	composite panel of "ALEX" or equivalent ISI brand should be used.		
	Weather proof sealant should be used for sealing peripheral gaps. The		
	door should be attached with aluminum partition using S.S hinges(12		
	No.) having size 120 mm x 30 mm x 30 mm. For installing the hinges		
	with door self drilling screws of required size should be used. S.S		
	Concealed door lock of approved quality of ISI brand should be used.		
	S.S handle "D" shape having size 300mm x 18 mm x 18 mm should be		
	used. Door closer of "GODREJ" ISI brand should be used. Entire work		
	will be carried out in good manner, good finishing and in true line		
1	level as directed by engineer in charge.		

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19.	<b>Providing and fixing exposed grid ceiling with cement fiber Hicem designer board:-</b> Exposed grid ceiling system should be comprises of 0.4 mm thick pre-coated steel "L" shaped angle of size 24 x 24 mm, fixed to the brick wall/ partition at the perimeter of the ceiling by nylon sleeves and wood screws at 450 mm centers. Main "T" with pre-coated steel at the bottom, and 'H' notches at 300 mm centers, interlocking notches at both ends, of size 24 x 38 x 3600 mm is suspended from the soffit at 1200 mm centers with the help of metal rowel plug, soffit cleat and a level clip with 4 mm dia. G.I. wire. Cross "T" of size 24 x 38 x 1200 mm with bottom pre-coated steel and 'H' notch in the centre and interlocking notches at both the ends, is to be inserted fixed to the Main "T" at 600 mm centers to form a grid of 600x1200 mm. Another cross 'T' of size 24 x 38 x 600 mm with inter locking notches at both ends is inserted fixed to the centre notch of above cross 'T' to form a grid of size 600 x 600 mm. Above style grid system and cement fiber designer Boards with smooth finished paint cut to size 595 x 1195 or 595 x 595 mm are then laid on to the grid accordingly. Entire work will be carried out in good manner, good finishing and in true line level as directed by engineer in charge.	50	SMT.
20.	<b>Providing and fixing aluminium composite panel board:-</b> The aluminium composite panel board should have thickness of 4 mm. The frame should be of G.I. of "APPOLO" or equivalent ISI brand which should be made of structure frame of size 50mm x 25mm of 1.5 mm thickness and weight should be 1.400 KG/RMT. Inside frame to form a grid of 576mm x 1150 mm horizontal and vertical support should be connected by welding. Frame must be supported with the wall by G.I. "APPOLO" or equivalent ISI brand of size 50mm x 25mm of 1.5 mm thickness and weight should be 1.400 KG/RMT. One side of G.I. frame must be fitted with aluminium composite panel of 4mm of "ALEX" or equivalent ISI brand with the help of 3M double gum tap and weather proof silicone seal. Aluminium composite panel should be fitted at right angle with G.I. frame by making 45° V-cut. Entire work will be carried out in good manner, good finishing and in true line level as directed by engineer in charge.	80	SMT.

### Chapter 5: Tender Fee, EMD and Submission Address

**Tender Fee:** Bidder has to submit non refundable Tender Fee Rs. 5,000/- in the form of Bank Draft in favor of **"ASSOCIATE PROFESSOR, COLLEGE OF AGRICULTURE, N.A.U., BHARUCH"**, payable at Bharuch.

**Earnest Money Deposit:** Tender shall be accompanied by an earnest money, without which tenders will not be considered. The EMD amount Rs. 1,65,000/- should be deposited in the form of Bank Draft in favor of "ASSOCIATE PROFESSOR, COLLEGE OF AGRICULTURE, N.A.U., BHARUCH" payable at Bharuch. EMD would be applicable as below.

**Refund of Earnest Money:** The earnest money of unsuccessful Bidder will be refunded. The earnest money of successful Bidder will be converted as security deposit and the same would be refunded after warranty period.

Forfeiture of Earnest Money: The earnest money will be forfeited in the following cases:

When Bidder withdraws or modifies the offer after opening of tender but before acceptance of tender.

When Bidder does not execute the agreement if any, prescribed within the specified time.

Security Deposit: Successful bidder shall deposit security/ performance guarantee money (5% of purchase/ work order)

**Forfeiture of Security Deposit:** The Security Deposit will be forfeited if supplier (Successful bidder) violet tender rules (Terms & Conditions).

#### Tender Fee, EMD and Tender Submission Address:

Dean, College of Agriculture, Navsari Agricultural University, Bharuch– 392 012 (Gujarat)

> Important: The tender document must be superscribed with title "Tender Document For Enhancement of Education Facilities at College of Agriculture Bharuch (2<sup>nd</sup> Attempt)(NAU/COAB/FACILITIES/2018-19)".

## Chapter 6: Checklist

Sr. No.	Document / Certificate	Attached Yes /No	Page No. on
1	Tender Fee: Demand draft of Rs. 5,000/- (Non-Refundable)		-
2	EMD : Demand draft of Rs. 1,65,000/- (Refundable)		
3	Company details (only in tender format given)		
4	Authentic document for address proof like electricity bill, telephone bill, corporation tax etc.		
5	Valid Registration Certificate of bidders firm. (Shop Act Registration/ Partnership deed /Memorandum of article/Registration of firm / Small Scale Industry Registration only).		
6	Three years of Income tax return (2015-16, 2016-17 and 2017-18 as per Financial Year) along with all taxation documents described in company detail page.		
7	Original affidavit from the bidder that business entity is not black listed (notarized on Rs. 100 stamp paper).		
8	Terms and conditions duly signed on each page.		
9	G.S.T Certificate must be submitted.		
10	Work experience certificate from organization		

Note: All the above documents are mandatory; missing of any is subjected to rejection for the tender.

#### **DECLARATION**

I/We solemnly declare that we have attached all the documents mentioned here above and mentioned in the tender. It is verified that all the certificates / permissions/ documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.

I/We further undertake to produce on demand the original certificate / permission / document for verification at any stage during the processing of the tender.

I/We also understand that non-compliance of any documents will be treated as non-respective tender and we will lose our claim to participate in the Tender Enquiry automatically and our tender will be liable to

reject

Name of the Firm:

Signature of bidder (With Stamp, Name & Designation)