

**NAME OF WORK: NEW ELECTRICAL WIRING /RENOVATION IN  
POULTRY FARM AT BASU PATNA**

Tender amount: ₹ 664989 /-

Cost of tender paper: ₹ 1250/-

Paid by D.D. No.....Date ....../....../20..... & Name of Bank .....

Name of Agency: \_\_\_\_\_

**OFFICE OF THE ESTATE OFFICE  
BIHAR ANIMAL SCIENCES UNIVERSITY  
(NOTICE OF INVITING TENDER)**

1. Sealed tenders on plain paper to be eventually drawn in U.E. Form 61 No. F2/K2/H will be received upto 15:00 hours upto 18.07.2019 through Speed Post only by the undersigned and will be opened in presence of the tenderers or their authorized agents.
2. The bill of quantity will be downloaded upto 17:00 hrs on or before 17.07.2019. There will be no sale on the date of receiving tender.
3. The tender documents downloaded from the website will be submitted with cost of B.O.Q in the form of Demand Draft in favour of **FINANCE COMPTROLLER, BIHAR ANIMAL SCINECES UNIVERSITY, PATNA**. Tenders submitted without cost of B.O.Q. in the form of demand draft will be summarily rejected.
4. Tenderers are required to deposit Earnest money at the rate of ₹ 100/- for every 5000/- or part thereof of the amount of the Estimate. Earnest Money can be deposited in shape of Demand Draft, N.S.C., N.D.C., Post Office Saving Bank Deposit, Post Office Time Deposit duly pledged to **The ESTATE OFFICER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. The tenderers shall have to attach a copy of N.P.S.C., N.D.C., N.S.C., D.D., or Pass Book with their quotations otherwise these tenders may outright be rejected. N.S.C., N.D.C. D.D., of Pass Book furnished after the receipt of tender on specified date and time will in no case be entertained.
5. Tenderers shall quote their rates both in figures and words and amount worked out against each item of work and initial all corrections, over writings interpolations. Indefinite forms like estimated rates etc. should not be considered.
6. The percentage rates quoted by the contractors should be inclusive of all taxes royalties and other incidental charges (i.e. Labour Cess etc.) Maximum applicable percentage rate below estimated cost is 10(Ten) percent
7. Defect Liability Period for the work is Two years from the date of completion of quality work.
8. The Contractor should quote in their tender:
  - a. Period within which they can complete the work commencing from the date of written orders to commence the work.
  - b. The plants and machinery they possess for execution of works.
  - c. Experience, they have with details of woks and its locations.
  - d. Certificate, if any about the capacity of doing work.
  - e. Technical staff, if they possess.
9. The Contractor should satisfy themselves fully about the nature and site of works before offering their tenders and plea of any ignorance afterwards shall not be considered.
10. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
11. Contractors are required to furnish up to date Tax Clearance Certificate in respect of I.T. and S.T. along with their tenders for values of works or ₹ 10,000/- or, over ₹ 10,000/- in each every tender. In absence of these documents along with their tender they will have to submit the same or certificates of No. outstanding Liabilities of I.T. and S.T. from the respective department within 10 days from the date of requisition in a registered letter with A.D. failing which their tenders shall be outright rejected and their Earnest Money furnished with the tenders shall stands forfeited without any further intimation.
12. Amount of Estimate: ₹ ...../-  
Earnest Money: ₹ ...../-  
Time of Completion: ...../-  
Conditional tenders may be rejected.

13. After approval of rates by the competent authority the contractor shall have to deposit the initial Security money in shape of D.D. or N.S.C. with days of the receipt of the written orders from Engineer I/C and execute agreement failing which his tender shall be rejected and Earnest Money forfeited.
14. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reasons.
15. The claim for idle labours due to stoppage of work non supply of materials, drawing and designs or delay due to any other reasons shall not be entertained.
16. The Contractor shall arrange necessary site for accommodation and other facilities like medical aid etc. for this labours at his own cost and initiative as well as will comply with all labours rules prevalent in the locality.
17. The specification of work mentioned in B.O.Q. where not mentioned in that case S.B.C., P.W.D., will be followed during the progress of the work. In case of any difference of things not being clear the instructions of the Estate Officer shall be followed.
18. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
19. Materials recoverable or non-recoverable directly issued to work shall be issued to the contractor on proper Hand Receipt. Recovery of the cost of materials shall be made for the gross quantity issued and not for the quantity consumed in the portion of the work billed for. If materials are obtained in excess of precise requirement, the recovery of the cost of such materials will be made at double the issue rate stipulated in agreement.
20. The contractor employing trucks, tippers etc. for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
21. In the case of Lump-Sum Tenders contractors should clearly write both in figures and words.
22. It will be obligatory on the part of the tenders to keep his tender open for a period of 6 months (180 days) from the date of opening of tender for acceptance.
23. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
24. "SITE ORDER BOOK":- with numbered pages and bearing the certificates of the Engineer In Charge of containing so much pages shall have to maintain by the contractor at the site of work, and it will have to be produced, if the E.I. or Inspecting officers desire for any instructions concerning the work. This shall be the property of the Department after completion of work.
25. No. work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer In Charge in writing on "SITE ORDER BOOK" and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month to which it relates it will be treated as time barred and may be disallowed.
26. Registered contractors of appropriate category of the P.W.D (R.C.D. & B.C.D.)/B.I.A.D.A./Bihar M.E.S./Bihar RajyaPulNegam/CPWD and BASU, Patna having satisfactory records of work will be allowed to tender for the work.

Estate officer,  
Bihar Animal Sciences university, Patna

# BIHAR ANIMAL SCIENCE UNIVERSITY PATNA - 14

BOQ						
Name of work :- New electric wiring work of poultry farm (Total sheds-12 nos) under BASU Patna-14						
NIT NO. :- 03/2019 - 20				ESTIMATED COST :- 664989/-		
DATE OF RECEIVING TENDER :- 18/07/2019				COST OF BOQ :-1250/-		
DATE OF OPENING TENDER :- 18/07/2019				EARNEST MONEY:-13300/-		
SI No	SOR No (2018) Electrical Item Code.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate	Amount
<b>Point Wiring in PVC Conduit with Piyano type switch:-</b>						
1	1.1	Wiring for light point/fan point/exhaust fan point / call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with piyano type switch , phenolic laminated sheet , suitable size M.S. / PVC box etc as required .				
	1.1.1	Group (A)	80	Point	465.00	37200
	1.1.2	Group (B)	100	Point	559.00	55900
	1.1.3	Group (C)	20.00	Point	681.00	13620
<b>Circuit / Submain Wiring in PVC Conduit :-</b>						
2	1.7	wiring for circuit/submain wiring along with earth wire with the following size of fr pvc insulated copper conductor single core cable in surface /recessed medium class pvc conduit as required.				
	1.7.2	2 x 2.5 sq.mm +1 x 2.5 sq.mm earth wire	624.00	Meter	161.00	100464
	1.7.3	2 x 4 sq.mm +1 x 4 sq.mm earth wire	240.00	Meter	200.00	48000
3	1.12	Wiring for circuit/ submain wiring along with earth wire with the following sizes of PVC insulated aluminium conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.12.4	2 X 6 Sq.mm + 1 X 6 Sq. mm Earth Wire	10.00	Meter	119.00	1190
4	1.30.	Supplying and fixing metal / PVC box of 180 mm X 100 mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps-piano type switch, connections, painting etc. as required	60.00	Each	286.00	17160
<b>S/F Ceiling Rose:-</b>						
5	1.33	supplying and fixing of , 2 pin 6 amps ceiling rose on the existing junction box wooden block including connection etc as required.	200	Each	42.00	8400
<b>S/F, MCB:-</b>						
6	2.12	S/F of following rating 240/415 volt ' c ' curve miniature circuit breaker suitable for inductive load of following poles in the existing mcb db complete with connection , testing and commissioning etc as required .				
	2.12.1	6/32 Amps, single pole	40	Each	192.00	7680
	2.12.2	6/32 Amps ,SPN	10	Each	511.00	5110
	2.12.5	6/32 Amps, TPN	1	Each	1108.00	1108
	2.12.6	40 Amps, TPN	3	Each	1487.00	4461
<b>Earthing with gi earth plate:-</b>						
7	3.4	Earthing with gi earth plate 600x600x6mm thick including accessories and providing masonry enclosure with covering plate having locking arrangement and watering pipe 2.7 mtr long etc with charcoal /coke and salt as required	4	Set	10341.00	41364

8	3.18	providing and fixing 6 swg dia GI wire on surface or in recess for loop earthing along with existing surface /recess conduit /submain wiring cable as required .	45.7	Meter	23.00	1051
		<b>S/F OF LED TUBE :-</b>				
9	5.9	supplying and fixing folowing powder coated batten for 28 watt T5 flourescent tube complete with electronics ballast and lamp etc. directally on wall ceiling including connection with 1.5 sqmm FRPVC insulated copper conductor and earthing the body etc as required .				
	5.9.1	Single	100	Each	565.00	56500
		<b>S/F OF LED FLOOD LIGHT :-</b>				
10	5.13.10	Supplying and fixing 90 watt LED type FLOOD light with die cast aluminium housing for ingress protection of IP65 and complete with all accessories etc and connection with FR PVC insulated copper conductor cable and earthing the body etc. as required.	6	Each	8501.00	51006
		<b>Providing and fixing of MCCB:-</b>				
11	2.4	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel , making connections etc as required.				
	2.4.2	25/100 Amp , 16 KA	1	Each	3254.00	3254
	2.4.5	200 Amp. ,35KA	1	Each	11915.00	11915
		<b>Providing and fixing of BUSHBAR Chamber :-</b>				
12	2.5	Providing and fixing following capacity bushbar chamber with 4 strips of suitable size made of copper , heavy duty Complete with all accessories including connections , earthing the body etc as required.				
	2.5.3	200 Amps	1	Each	7742.00	7742
13	2.6	Providing and fixing following capacity double pole/ four pole OFF-load changeover switches with side handle operation, in sheet enclosure in existing metal board, including drilling holes in metal panel, makingconnections etc. as required.				
	2.6.4	63 Amp, four pole	2	Each	4176.00	8352
		<b>s/f of MCB DB:-</b>				
14	2.8	Supplying and fixing following of follwing way single pole and neutral sheet steel , MCB Distribution board 240 V on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar , din bar, interconnections powder painted including earthing etc as required (But without MCB/RCCB/ISOLATOR)				
	2.8.7	2+6 way , double door	6	Each	671.00	4026
15	2.9	Supplying and fixing following way, horizontal type three pole & neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus - bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	2.9.4	4 way ( 4 + 12 ), double door, horizontal type	2	Each	2388.00	4776
		<b>S/L of armoured electric cable :-</b>				
16	2209	3.5 core, 95 sq. mm XLPE/PVC insulated sheathed (Heavy duty) armoured electric cable with aluminium conductor	150	Metre	340.20	51030
17	2207	3.5 core, 50 sq. mm XLPE / PVC insulated PVC sheathed (Heavy duty) armoured electric cable with Aluminium conductor	100	Metre	207.20	20720
18	2203	2 core , 16 sq. mm XLPE / PVC insulated pvc sheathed (heavy duty) armoured electric cable with Aluminium conductor	200	Metre	84.00	16800

19	7.1	Laying of one number PVC insulated and pvc sheathed / XLPE power cable of 1.1 kv grade of following size direct in ground including excavation , sand cushioning , protective covering and refilling the trench etc as required.				
	7.1.1	upto 35 sq. mm	200	Metre	144.00	28800
	7.1.2	Above 35 sq. mm and upto 95 sq. mm	250	Metre	151.00	37750
		<b>S/F of cubical panel:-</b>				
20	8.10.1	Supplying and fixing wall/floor mounted cubical panel board, fabricated with 18 gauge iron sheet, suitable for panel mounted switch disconnecter, including bus-bar chamber, insulator and painting etc. as required. (but without busbar copper strip )	12	metre	1314.00	15768
		<b>S/F of digital Ammeter:-</b>				
21	8.10.6	Supply and fixing digital Ammeter, three phase with C.T. coil in the existing cubical panel board including drilling holes in the panel board, making connection etc as required.	1	Each	1643.00	1643
		<b>S/F of Digital voltmeter:-</b>				
22	8.10.4	Supply and fixing digital voltmeter, three phase in the existing cubical panel board including drilling holes in the panel board, making connection etc as required.	1	Each	1337.00	1337
23	2318	pilot lamp for indicator	3	Each	91.50	275
24	2319	Selector switch	2	Each	293.25	587
		TOTAL AMOUNT				664989.00
		RUPEES SIX LAC SIXTY FOUR THOUSAND NINE HUNDRED EIGHTY NINE ONLY				

I/We execute the work at :

- (1) estimated /analysed rates shown in the bill of quantities.
- (a) In word ..... percent above the rates shown in the bill of quantities
- (b) In figure ..... percent above the rates shown in the bill of quantities
- © In word ..... percent below the rates shown in the bill of quantities
- (d) In figure ..... percent below the rates shown in the bill of quantities

I/We will complete the work within .....days from the date of order.

I/We have read and fully understood the terms and conditions of the state (PWD) contract form (F2) and the NIT special conditions.

signature of contractor .....

name and address of the contractor .....

sd-  
ESTATE OFFICER  
BASU Patna

- (1) No. of cutting .....
- (2) No. of overwriting.....
- (3) Rate quoted .....

ESTATE OFFICER  
BASU Patna

## N.I.T. SPECIAL CONDITIONS

1. Rates quoted should be inclusive of all taxes, royalties carriage and all other incidental charges what so ever.
2. The contractor shall not stipulate any additional conditions in their tender for increase of rates due to increase in rate of taxation. Rly. Freight and etc.
3. The rates should be written in figures as well as in words in such a way that interpolation is not possible and total amount of each item should be written both in figures and words and total amount of each page will also indicate both in figures and words.
4. Taxes, Rly. Freight and incidental charges on materials and labour in respect of the contractor shall be payable by the contractor and University shall not entertain any claim whatsoever in this respect.
5. The tenderers should acquaint themselves with the work and working conditions of the site locality and no claim will be entertained on this issue.
6. Site of execution of the work will be available as soon as work is awarded. In case, it is not possible for the department to take the entire site available on the award of the work, the contractor will have to arrange his working programme accordingly.
7. The contractor's responsibility for the construction shall commence from the date of issue of work order
8. The contractor shall study the specification, drawings and design carefully before submitting the tender
9. The work will be executed according to the approved and sanctioned design and drawing from time to time which will be binding on the contractor.\*No claim for the changes or modification in drawing and design will be tenable.
10. The contractor will be issued departmental materials as per actual requirement in stock length and size available with the department. Material is taken by the contractor in excess of the calculated requirement will be charged to panel rates which will be double the issue rates of the materials.
11. Contractor shall have to keep in upto date account of materials at site and his stores shall be inspected and stock taking will be done as and when required by the supervising staff of the department. The contractor should arrange for such inspection and free access should be given to the Supervising staff for such check up.
12. Quantities mentioned in the bill of quantity are approximate and the same may increase or decrease.
13. No claim shall be entertained on the grounds of fluctuation of rate in labour and materials etc. in the market during the period of filling the tender and completion of work.
14. The contractor shall arrange for necessary site accommodation and other facilities for the labour and no claim for medical aid to labour or any other incidental charges shall be entertained.
15. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
16. The contractor shall strictly follow the conditions laid down in the minimum wages act. He shall also comply with the labour laws as may be current and furnish information as required from time to time.
17. All materials brought to site by the motor vehicle, other than vehicles belonging to the contractor for this work, should be by public carrier vehicles. The carriage of such materials by Private carrier would be illegal and contractor will accordingly be responsible for employing private carrier instead of public carrier.
18. The motor vehicles rules should be followed by the contractor will also be responsible for infringement of traffic rules accident, damages to roads and culverts etc. No responsibility for all or any of the above things will rest with department.
19. The work shall be done according to the University specification. In respect of such items of work which is not covered by the University specification the specification laid down by the Superintending Engineer, South Bihar Circle shall be allowed which will be final and conclusive.
20. All R.C.C. as well as plain cement concrete work shall be machine mixed and vibrated properly and submerged with 2" constant head of water over horizontally laid concrete component and constant spray curing on verticals concrete complete as directed by Engineer In-charge.
21. All shuttering and centring materials shall be arranged and procured by the contractor at his own cost and shall consist of rigid and sound work and steel works not to deform or disturb as a result of the working of vibrator. A scaffolding materials shall also be procured and arranged by the contractor at his cost. In case of centring and shuttering of R.C.C. column only steel plates of requisite thickness shall be used in centring and shuttering and not the wooden planks, so as to give smooth surface.
22. No claim shall be entertained for cleaning and scraping rusts and normal elements from steel issued by the department.
23. All R.C.C. works shall be designed as per latest I.S. code of practice.
24. If during execution of work, any item which is provided in the bill of quantities, is not required to be executed due to change of specification etc. the contractor will have no claim whatsoever if that item is not done through them.
25. The contractor shall get the samples of bricks, sand stone chips etc. approved by the Estate Officer before undertaking mass collection of the same. Sample of the approved quality of materials shall be kept in the custody for comparison later on when the contractor's supply is made during progress of the work.
26. For overall structural works except plastering clean and coarse sand shall be used. For plastering, clean and medium sand shall be used and should be screened to 256 mesh in one square inch before used in work.
27. Flat iron, for making grills for window, hand rails for stair case etc. shall be procured by the tenderer himself.

28. All points of welding in grills etc. must be clean smooth and strong. The samples of grill shall be got approved by the Estate Officer before taking up mass manufacture.
29. After completion of work the building floor shall be thoroughly washed and cleaned. The ugly marks on glass panes shutters etc. shall be removed and damages made good. The works of paint cement etc. shall be removed and cleaned nicely at the contractor's cost.
30. The contractor shall removed all his surplus materials rubbish etc. and leave the site clean and tidy after levelling and dressing the premises of the works as directed by the Engineer In-charge and then the work shall be considered as complete.
31. The site should be cleaned of all rubbishes, levelled and dressing as directed by the Engineer In-charge and shall prepare for layout works. Engineer weeds stumps of trees if any shall be removed by the contractor at his cost before layout is taken up as directed by the Engineer I/C. The cost of masonry pages stradingsalabours and etc. are incidental expenditures in layout of the work and shall not constitute a claim for the some.
32. The arrangements and the cost of all the store shed, labour shed vate, tools scaffolding water supply arrangement electric supply and building accessories shall be borne by the contractor at his cost and noting will rest with the depart. The contractor shall also provide all facilities and medical aid to the labours employed, at his cost.
33. The contractor is liable to pay security deposit for concrete mixer, vibrator and other department, Machineries issued to him at the rate fixed by the Estate Officer, BASU, Patna. The amount is refundable as soon as the machinery is returned in the Bihar Animal Sciences University, Patna Godown in good and running condition after full completion of the job.
34. The contractor shall be responsible for apperup keep of the machinery under his charge and shall return the same to BASU Godown in good and sound condition. In event of loss or damage to any part, the valuable of the same is assessed by the Engineer In-charge shall be recovered by the contractor.
35. The power roller may be supplied free of cost but all cost of running and cleaning will be met by the contractor and the pay and allowances of the driver and khalasi will be recovered from the contractor @ ₹ 15/- (₹ Fifteen only) per day. A penalty of ₹ 30/- (₹ Thirty) only per day will be imposed on the contractor for keeping the roller idle.
36. any approach road necessary for carriage of building materials to site of work, will have to be constructed by the contractor at his own cost and no claim for the same will be entertained by the department.
37. The contractor shall keep at site such implements to cost the soundness of material etc. at site. Moulds for making concrete cubes, steel comes for slump test etc. shall be kept at site and the cost of making them shall be borne by the contractor and no claim for the same will be tenable. He shall also provide and mark all arraignments at his cost for collecting, preparing and forwarding required number of samples for test and analysis at such time and such places or places as directed by the Engineer I/C and full payment of R.C.C. work shall be made only on satisfactory test result.
38. The department will not hold itself responsible if the work has be stopped at any stage of progress due to reasons beyond the control of the department and no claim will be entertained for the same.
39. The Government materials issued to the contractor for the work shall be properly looked after and guarded against theft, pilferage and losses due to fire etc. and for such any loss, the responsibility shall entirely rest with the contractor.
40. The contractor shall compy sufficient number of skilled and experienced labours to the job in order to achieve proportionate time given for the work during, execution of work, if his any mason or labour is found avoiding instructions to follow, shall be turn out at once from the work site.
41. Good and approved quality of lime should be used and samples may be got approved before use in works.
42. In all R.C.C. and R.C.C. works, pakur or Manpur stone chips and sone sand of specified size grade and quality confirming to the Indian standard specification no. 456-964 shall be used. The bricks to be used in all brick works shall confirm requirement of relevant I.S. Code.
43. In case of T.L. Inverted or Rectangular beams, only the rib portion projecting or below the slab shall be insured for payment purpose.
44. The jamb and soffit of the door and windows openings should be smooth, true to plumb and suitable spaces will have to be left for receiving W.I. clamps as per direction of Engineer In- Charge for which no claim shall be entertained.
45. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
46. The N.I.T. special conditions and other condition attached with the bill quantity will form intergral part of the contract document and should be dully signed by the tendered on each page as taken of acceptance while submitting the tender for the work.
47. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
48. Suitable recess for fixing claps for doors and window, Jali work and railings whenever required, shall have to be provided by the contractor in brick walls, R.C.C. columns and R.C.C. roof as per direction of Engineer I/C without any cost.
49. The Engineer in-charge will have full powers to inquire the removal, from the premises of the site, of all materials which in his opening are not in accordance with, specification and in case of default the Engineer. I/C is at liberty to sell such inferior material at the contractor's cost and risks.
50. For purpose of payment of brick works; 19 on thick walls done with new size of bricks as per latest I.S.I specification shall be measured as 8"(Eighth inches) thick.

51. The teak wood and salwood shall be well seasoned and free from dead knots and other timber defects for the manufacture of frames and shutters and should be got approved before use in the works.
52. Fittings and fixtures for doors and windows etc, shall be got approved by the Estate Officer well in advance before use in work. The approved fittings and fising fixtures shall be mounted on a wooden board and always kept at site of work open or inspection and one such mounted board will be deposited in the office of the Estate Officer at the contractors cost.
53. Where not otherwise specified 1/8" thick plain glass panes weighting 2400 per fit (now 7.5 Kg per sqm only) shall be used in all glazed shutter
54. The contractor shall offer all facilities to the departmental officers for supervision, taking measurements, checking of bills etc. and any damage so occurred in the process will be made good by the contractor at his own cost.
55. In on account bills of the contractors, the maximum rate of any item of work for payment not included in the agreement, will be the BASU, Patna Schedule rates of work fixed time to time. In case BASU not having their own schedule of rates, the schedule rate of work of S.B./C., P.W.D. may be followed.
56. Om case any item of work not covered by Bihar Animal Sciences University, Patna or P.W.D. / B.C.D schedule of rates may be paid as per actual analysis of rates obtained from the local market.

(a) The methodology and equipment to be used on the project shall be furnished by the contractor to the Engineer-in-charge well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.

(b) The Contractor shall give a trial run of the equipment for establishing its capability to achieve the laid down specifications and -tolerance to the satisfaction of the Engineer-in-Charge before commencement of work if so desired by the Engineer-in-Charge.

(c) All equipment provided shall be of proven efficacy and shall be operated and maintained at all times in manner acceptable to the Engineer-in-Charge.

(d) No equipment or Technical personals will be removed from site without permission of the Engineer-in-Charge.

57. Contractor shall submit the details of technical personnel available with their firm as per format given below:-  
Qualifications and experience of key personnel required for administration and execution of the contract (Attached biographical date.

Position	Name	Qualification	Year of Experience in the proposed position
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58. Tenderer must inspect the site before filling the tender.
59. It will be presumed that the tenderer has carefully examined the bill of quantity, specification, condition, approved quarries, roads, ghats, site etc. complete and have satisfied himself as to the nature, extent of the liability of the work road approaches, means of communication and access to the site, availability of labour in connection with the completion of the work. No claim either for cost or for extension of time will be entertained on any one of these or similar ground. Delay in allotment of wagons shall not be a ground for time extension.
60. Quantities mentioned in the bill of quantities may decrease or increase.
61. In case of successful tender, the amount of the earnest money will be transferred to the initial security deposit and balance amount will be deposited by the contractor to cover up five percent security deposit before execution of the agreement. The total deposit shall be ten percent of his tender amount and the remaining five percent will be deducted from running bills.
62. No claim will be entertained for any increase in Railway Freight, fluctuation of rate for labour and materials in the market, if any, during the progress of work.
63. The rate to be quoted by the tenderer in terms of percentage in total estimated amount will be inclusive of the cost of materials transport charges up to the work site with loading unloading stacking & removing unserviceable materials involved at various works site, royalty and all type of State and Central Taxes. The complete rate as above only will be considered by the department.
64. Quoting rate for each item separately will be liable for rejection unless otherwise specifically asked for.
65. Conditional tender shall be outright rejected.



66. In the event of the tender being submitted by a firm it must be signed by each member or by a person holding the power of attorney authorizing him to do so.
67. No claim shall be entertained due to rise in price of lubricants and spare parts of vehicles or in taxes by Govt. or cost of labour or any materials or other cost.
68. The terms and conditions stated in the detailed tender documents together with the F2 condition shall form the part of the Agreement.
69. The Contractor shall have to abide by the Labour Act and Minimum Wages Act, MVI Act, forced in the area duly revised from time to time.
70. The Contractor will provide necessary facilities to the labourers and insurance coverage as per rules.
71. The Contractor shall make adequate arrangement for the safety of the labourers during execution of the works. He will be responsible for accident if occurs at his works site. Adequate compensation for the same will have to be paid by him as decided by competent authority.
72. No claim for non-availability or delay in supply of departmental materials, if any, shall be entertained.
73. The Contractor will be responsible for return of the Govt. machinery in good condition and will pay for its maintenance repair, Hire Charge for idle or repair period shall be payable by the Contractor.
74. In the event of any loss of the Govt. articles the value of the articles shall be recoverable from the contractor.
75. The contractor shall rectify at his own cost in case the work is found to be defective during checking & liability period.
76. It will be the responsibility of the contractor to pay royalty of mines materials. The contractor shall submit form "M" and "N" duly filled as per "Bihar" Mines and Mineral Act, 1972 or revised by the Govt. as the case may be.
77. The Contractor shall display a signboard at work site about the work as on the format prescribed by Engineer-in-Charge.
78. All old electrical fitting items (wiring , DBs, switch board, cable, pipes, etc.) will be dismantling by the contractor and some should be safely handed over to estate office without any cost .

Estate officer  
Bihar Animal Sciences University Patna -14

**NAME OF WORK: Renovation of Electrical wiring M.Sc. Building First Floor**

Tender amount: ₹ 1177073 /-

Cost of tender paper: ₹ 2500/-

Paid by D.D. No.....Date ....../..../20..... &amp; Name of Bank .....

Name of Agency: \_\_\_\_\_

**OFFICE OF THE ESTATE OFFICE**  
**BIHAR ANIMAL SCIENCES UNIVERSITY**  
**(NOTICE OF INVITING TENDER)**

1. Sealed tenders on plain paper to be eventually drawn in U.E. Form 61 No. F2/K2/H will be received upto 15:00 hours up to 18.07.2019 through Speed Post only by the undersigned and will be opened in presence of the tenderers or their authorized agents.
2. The bill of quantity will be downloaded upto 17:00 hrs on or before 17.07.2019. There will be no sale on the date of receiving tender.
3. The tender documents downloaded from the website will be submitted with cost of B.O.Q in the form of Demand Draft in favour of **FINANCE COMPTROLLER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. Tenders submitted without cost of B.O.Q. in the form of demand draft will be summarily rejected.
4. Tenderers are required to deposit Earnest money at the rate of ₹ 100/- for every 5000/- or part thereof of the amount of the Estimate. Earnest Money can be deposited in shape of Demand Draft, N.S.C., N.D.C., Post Office Saving Bank Deposit, Post Office Time Deposit duly pledged to **The ESTATE OFFICER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. The tenderers shall have to attach a copy of N.P.S.C., N.D.C., N.S.C., D.D., or Pass Book with their quotations otherwise these tenders may outright be rejected. N.S.C., N.D.C. D.D., of Pass Book furnished after the receipt of tender on specified date and time will in no case be entertained.
5. Tenderers shall quote their rates both in figures and words and amount worked out against each item of work and initial all corrections, over writings interpolations. Indefinite forms like estimated rates etc. should not be considered.
6. The percentage rates quoted by the contractors should be inclusive of all taxes royalties and other incidental charges (i.e. Labour Cess etc.) Maximum applicable percentage rate below estimated cost is 10(Ten) percent
7. Defect Liability Period for the work is Two years from the date of completion of quality work.
8. The Contractor should quote in their tender:
  - a. Period within which they can complete the work commencing from the date of written orders to commence the work.
  - b. The plants and machinery they possess for execution of works.
  - c. Experience, they have with details of works and its locations.
  - d. Certificate, if any about the capacity of doing work.
  - e. Technical staff, if they possess.
9. The Contractor should satisfy themselves fully about the nature and site of works before offering their tenders and plea of any ignorance afterwards shall not be considered.
10. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
11. Contractors are required to furnish up to date Tax Clearance Certificate in respect of I.T. and S.T. along with their tenders for values of works or ₹ 10,000/- or, over ₹ 10,000/- in each every tender. In absence of these documents along with their tender they will have to submit the same or certificates of No. outstanding Liabilities of I.T. and S.T. from the respective department within 10 days from the date of requisition in a registered letter with A.D. failing which their tenders shall be outright rejected and their Earnest Money furnished with the tenders shall stand forfeited without any further intimation.
12. Amount of Estimate: ₹ ...../-  
 Earnest Money: ₹ ...../-  
 Time of Completion: ...../-  
 Conditional tenders may be rejected.
13. After approval of rates by the competent authority the contractor shall have to deposit the initial Security money in shape of D.D. or N.S.C. with days of the receipt of the written orders from Engineer I/C and execute agreement failing which his tender shall be rejected and Earnest Money forfeited.

14. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reasons.
15. The claim for idle labours due to stoppage of work non supply of materials, drawing and designs or delay due to any other reasons shall not be entertained.
16. The Contractor shall arrange necessary site for accommodation and other facilities like medical aid etc. for this labours at his own cost and initiative as well as will comply with all labours rules prevalent in the locality.
17. The specification of work mentioned in B.O.Q. where not mentioned in that case S.B.C., P.W.D., will be followed during the progress of the work. In case of any difference of things not being clear the instructions of the Estate Officer shall be followed.
18. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
19. Materials recoverable or non-recoverable directly issued to work shall be issued to the contractor on proper Hand Receipt. Recovery of the cost of materials shall be made for the gross quantity issued and not for the quantity consumed in the portion of the work billed for. If materials are obtained in excess of precise requirement, the recovery of the cost of such materials will be made at double the issue rate stipulated in agreement.
20. The contractor employing trucks, tippers etc. for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
21. In the case of Lump-Sum Tenders contractors should clearly write both in figures and words.
22. It will be obligatory on the part of the tenders to keep his tender open for a period of 6 months (180 days) from the date of opening of tender for acceptance.
23. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
24. "SITE ORDER BOOK":- with numbered pages and bearing the certificates of the Engineer In Charge of containing so much pages shall have to maintain by the contractor at the site of work, and it will have to be produced, if the E.I. or Inspecting officers desire for any instructions concerning the work. This shall be the property of the Department after completion of work.
25. No. work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer In Charge in writing on "SITE ORDER BOOK" and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month to which it relates it will be treated as time barred and may be disallowed.
26. Registered contractors of appropriate category of the P.W.D (R.C.D. & B.C.D.)/B.I.A.D.A./Bihar M.E.S./Bihar RajyaPulNegam/CPWD and BASU, Patna having satisfactory records of work will be allowed to tender for the work.

Estate officer,  
Bihar Animal Sciences university, Patna

# BIHAR ANIMAL SCIENCE UNIVERSITY PATNA - 14

BOQ						
Name of work :-New Electric wiring work in the dept. of M.V.Sc building First floor at BASU Patna-14						
NIT NO. :- 03/2019 - 20				ESTIMATED COST :- 1177073/-		
DATE OF RECEIVING TENDER :- 18/07/2019				COST OF BOQ :-2500/-		
DATE OF OPENING TENDER :- 18/07/2019				EARNEST MONEY:-23600/-		
SI No	SOR No (2018) Electrical Item Code.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate	Amount
<b>POINT WIRING :-</b>						
1	1.3	Wiring for light point/fan point/exhaust fan point / call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate , suitable size of GI box etc as required .				
	1.3.1	Group (A)	150	point	513	76950
	1.3.2	Group (B)	75	point	602	45150
	1.3.3	Group (C)	25	point	724	18100
<b>TWIN CONTROL LIGHT POINT :-</b>						
2	1.4	Wiring for twin control light point with 1.5 sq. mm FRPVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box etc as required.	3	point	755	2265
3	1.12	wiring for circuit submain wiring along with earth wire with the following size of pvc insulated aluminium conductor single core cable in surface recessed medium class pvc conduit as required				
	1.12.12	4x16 sqmm +1x16sqmm eaeth wire	200	mtr	247	49400
	1.12.13	4x25 sqmm +1x16sqmm eaeth wire	300	mtr	326	97800
<b>SUBMAIN CIRCUIT WIRING :-</b>						
4	1.7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	400	meter	161	64400
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	2000	meter	200	400000
	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	250	meter	271	67750
	1.7.10	4x4 sq. mm + 1 X 4 sq. mm earth wire	120	meter	294	35280
<b>S/F MODULAR SWITCH/SOCKET :-</b>						
5	1.24	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				

	1.24.1	5/6 amps switch	136	Each	81	11016
	1.24.3	15/16 amp switch	136	Each	134	18224
	1.24.4	3 pin, 5/6 amps socket outlet	136	Each	122	16592
	1.24.5	6 pin , 15/16 amp socket outlet	136	Each	185	25160
		<b><u>S/F STEPPED TYPE ELECTRONIC FAN REGULATOR :-</u></b>				
6	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc	88.00	Each	359.00	31592
7	1.27	Supplying and fixing following size/ modules, GI box along with modular base and cover plate for modular switches in recess etc as required.				
	1.27.4	6 Module(200 mm X 75 mm)	136.00	Each	275.00	37400
		<b><u>S/F MODULAR SOCKET OUTLET :-</u></b>				
8	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5.00	Each	413.00	2065
		<b><u>S/F OF CEILING ROSE :-</u></b>				
9	1.33	supplying and fixing of , 2 pin 6amp ceiling rose on the existing junction box wooden block including connection etc as required.	250	Each	42	10500
		<b><u>S/F BATTEN/ANGLE HOLDER :-</u></b>				
10	1.34	Supplying and fixing batten/ angle holder including connection etc. as required.	16	Each	46	736
		<b><u>S/F MODULAR TYPE A.C. UNIT :-</u></b>				
11	2.31.0	Supplying and fixing modular type 25 amps A.C. unit box with ON/OFF MCB on surface or in recess complete with connections, testing and commissioning etc as required	52	Each	594	30888
		<b><u>S/F OF DB :-</u></b>				
12	2.9	supplying and fixing following way horizontal type three pole and neutral , sheet steel mcb distribution board 415 volt on surface /recess complete with tinned copper bus bar ,neutral bus bar earth bar din bar ,interconnection powder painted including earthing etc as reuired ( but wittout mcb /rccb/isolator)				
	2.9.5	6way (4 + 18) , double door , horizontal type	5	Each	2905	14525
	2.9.6	8way (4 + 24) , double door , horizontal type	8	Each	3702	29616
		<b><u>S/F OF MCB :-</u></b>				
13	2.12	Supplying and fixing of following rating 240/415 volt ' c ' curve miniature circuit breaker suitable for inductive load of following poles in the existing mcb DB complete with connection testing and commisssoning etc as required .				
	2.12.1	6/32 amp single pole	160	each	192	30720
	2.12.5	6/32 amps , Triple pole and neutral	5	Each	1108	5540
	2.12,6	40 amps, Triple pole and tpn	8	Each	1487	11896
		<b><u>S/F DP SHEET ENCLOSURE WITH MCB :-</u></b>				

14	2.27	Supplying and fixing DP sheet steel enclosure on surface / recess along with 25/32 amps 240 volts, "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	16	Each	777	12432
<b>S/F TPN SHEET ENCLOSURE WITH MCB :-</b>						
15	2.29	Supplying and fixing TPN sheet steel enclosure on surface/ recess along with 25/32 amps 415 volts, "C" curve TPN MCB complete with connections, testing and commissioning etc. as required.	8	Each	1392	11136
<b>S/F OF LED LAMP :-</b>						
16	6.1	Supplying and fixing of following types lamp in the existing electrical fitting/ fixtures etc. as required.				
	6.1.31	5 watt LED lamp	16	Each	134	2144
<b>S/I OF EXHAUST FAN :-</b>						
17	8.11.4	Supply and installation of 300 mm, 230 v A.C. exhaust fan in the existing opening including making good the damage, connection testing, commissioning etc as required.	12	Each	1483	17796
<b>TOTAL AMOUNT</b>						<b>1,177,073.00</b>
<b>( IN WORDS :ELEVEN LAKHS SEVENTY SEVEN THOUSANDS SEVENTY THREE ONLY )</b>						

I/We execute the work at :

- (a) In word ..... percent above the rates shown in the bill of quantities  
(b) In figure ..... percent above the rates shown in the bill of quantities  
© In word ..... percent below the rates shown in the bill of quantities  
(d) In figure ..... percent below the rates shown in the bill of quantities  
I/We will complete the work within .....days from the date of order.

I/We have read and fully understood the terms and conditions of the state (PWD) contract form (F2) and the NIT special conditions.

Signature of contractor.....

Name and address of contractor.....

.....

sd-  
ESTATE OFFICER  
BASU PATNA

- (1) No. of cutting .....  
(2) No. of over writing.....  
(3) Rate quoted .....

EATATE OFFICER  
BASU , PATNA

## N.I.T. SPECIAL CONDITIONS

1. Rates quoted should be inclusive of all taxes, royalties carriage and all other incidental charges what so ever.
2. The contractor shall not stipulate any additional conditions in their tender for increase of rates due to increase in rate of taxation. Rly. Freight and etc.
3. The rates should be written in figures as well as in words in such a way that interpolation is not possible and total amount of each item should be written both in figures and words and total amount of each page will also indicate both in figures and words.
4. Taxes, Rly. Freight and incidental charges on materials and labour in respect of the contractor shall be payable by the contractor and University shall not entertain any claim whatsoever in this respect.
5. The tenderers should acquaint themselves with the work and working conditions of the site locality and no claim will be entertained on this issue.
6. Site of execution of the work will be available as soon as work is awarded. In case, it is not possible for the department to take the entire site available on the award of the work, the contractor will have to arrange his working programme accordingly.
7. The contractor's responsibility for the construction shall commence from the date of issue of work order
8. The contractor shall study the specification, drawings and design carefully before submitting the tender
9. The work will be executed according to the approved and sanctioned design and drawing from time to time which will be binding on the contractor. No claim for the changes or modification in drawing and design will be tenable.
10. The contractor will be issued departmental materials as per actual requirement in stock length and size available with the department. Material is taken by the contractor in excess of the calculated requirement will be charged to panel rates which will be double the issue rates of the materials.
11. Contractor shall have to keep in upto date account of materials at site and his stores shall be inspected and stock taking will be done as and when required by the supervising staff of the department. The contractor should arrange for such inspection and free access should be given to the Supervising staff for such check up.
12. Quantities mentioned in the bill of quantity are approximate and the same may increase or decrease.
13. No claim shall be entertained on the grounds of fluctuation of rate in labour and materials etc. in the market during the period of filling the tender and completion of work.
14. The contractor shall arrange for necessary site accommodation and other facilities for the labour and no claim for medical aid to labour or any other incidental charges shall be entertained.
15. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
16. The contractor shall strictly follow the conditions laid down in the minimum wages act. He shall also comply with the labour laws as may be current and furnish information as required from time to time.
17. All materials brought to site by the motor vehicle, other than vehicles belonging to the contractor for this work, should be by public carrier vehicles. The carriage of such materials by Private carrier would be illegal and contractor will accordingly be responsible for employing private carrier instead of public carrier.
18. The motor vehicles rules should be followed by the contractor will also be responsible for infringement of traffic rules accident, damages to roads and culverts etc. No responsibility for all or any of the above things will rest with department.
19. The work shall be done according to the University specification. In respect of such items of work which is not covered by the University specification the specification laid down by the Superintending Engineer, South Bihar Circle shall be allowed which will be final and conclusive.
20. All R.C.C. as well as plain cement concrete work shall be machine mixed and vibrated properly and submerged with 2" constant head of water over horizontally laid concrete component and constant spray curing on verticals concrete complete as directed by Engineer In-charge.
21. All shuttering and centring materials shall be arranged and procured by the contractor at his own cost and shall consist of rigid and sound work and steel works not to deform or disturb as a sequel to the working of vibrator. A scaffolding materials shall also be procured and arranged by the contractor at his cost. In case of centring and shuttering of R.C.C. column only steel plates of requisite thickness shall be used in centring and shuttering and not the wooden planks, so as to give smooth surface.
22. No claim shall be entertained for cleaning and scraping rusts and normal elements from steel issued by the department.
23. All R.C.C. works shall be designed as per latest I.S. code of practice.
24. If during execution of work, any item which is provided in the bill of quantities, is not required to be executed due to change of specification etc. the contractor will have no claim whatsoever if that item is not done through them.
25. The contractor shall get the samples of bricks, sand stone chips etc. approved by the Estate Officer before undertaking mass collection of the same. Sample of the approved quality of materials shall be kept in the custody for comparison later on when the contractor's supply is made during progress of the work.
26. For overall structural works except plastering clean and coarse sand shall be used. For plastering, clean and medium sand shall be used and should be screened to 256 mesh in one square inch before used in work.
27. Flat iron, for making grills for window, hand rails for stair case etc. shall be procured by the tenderer himself.

28. All points of welding in grills etc. must be clean smooth and strong. The samples of grill shall be got approved by the Estate Officer before taking up mass manufacture.
29. After completion of work the building floor shall be thoroughly washed and cleaned. The ugly marks on glass panes shutters etc. shall be removed and damages made good. The works of paint cement etc. shall be removed and cleaned nicely at the contractor's cost.
30. The contractor shall removed all his surplus materials rubbish etc. and leave the site clean and tidy after levelling and dressing the premises of the works as directed by the Engineer In-charge and then the work shall be considered as complete.
31. The site should be cleaned of all rubbishes, levelled and dressing as directed by the Engineer In-charge and shall prepare for layout works. Engineer weeds stumps of trees if any shall be removed by the contractor at his cost before layout is taken up as directed by the Engineer I/C. The cost of masonry pages stradingsalabours and etc. are incidental expenditures in layout of the work and shall not constitute a claim for the some.
32. The arrangements and the cost of all the store shed, labour shed vate, tools scaffolding water supply arrangement electric supply and building accessories shall be borne by the contractor at his cost and noting will rest with the depart. The contractor shall also provide all facilities and medical aid to the labours employed, at his cost.
33. The contractor is liable to pay security deposit for concrete mixer, vibrator and other department, Machineries issued to him at the rate fixed by the Estate Officer, BASU, Patna. The amount is refundable as soon as the machinery is returned in the Bihar Animal Sciences University, Patna Godown in good and running condition after full completion of the job.
34. The contractor shall be responsible for apperup keep of the machinery under his charge and shall return the same to BASU Godown in good and sound condition. In event of loss or damage to any part, the valuable of the same is assessed by the Engineer In-charge shall be recovered by the contractor.
35. The power roller may be supplied free of cost but all cost of running and cleaning will be met by the contractor and the pay and allowances of the driver and khalasi will be recovered from the contractor @ ₹ 15/- (₹ Fifteen only) per day. A penalty of ₹ 30/- (₹ Thirty) only per day will be imposed on the contractor for keeping the roller idle.
36. any approach road necessary for carriage of building materials to site of work, will have to be constructed by the contractor at his own cost and no claim for the same will be entertained by the department.
37. The contractor shall keep at site such implements to cost the soundness of material etc. at site. Moulds for making concrete cubes, steel comes for slump test etc. shall be kept at site and the cost of making them shall be borne by the contractor and no claim for the same will be tenable. He shall also provide and mark all arraignment at his cost for collecting, preparing and forwarding required number of samples for test and analysis at such time and such places or places as directed by the Engineer I/C and full payment of R.C.C. work shall be made only on satisfactory test result.
38. The department will not hold itself responsible if the work has be stopped at any stage of progress due to reasons beyond the control of the department and no claim will be entertained for the same.
39. The Government materials issued to the contractor for the work shall be properly looked after and guarded against theft, pilferage and losses due to fire etc. and for such any loss, the responsibility shall entirely rest with the contractor.
40. The contractor shall compy sufficient number of skilled and experienced labours to the job in order to achieve proportionate time given for the work during, execution of work, if his any mason or labour is found avoiding instructions to follow, shall be turn out at once from the work site.
41. Good and approved quality of lime should be used and samples may be got approved before use in works.
42. In all R.C.C. and R.C.C. works, pakur or Manpur stone chips and sone sand of specified size grade and quality confirming to the Indian standard specification no. 456-964 shall be used. The bricks to be used in all brick works shall confirm requirement of relevant I.S. Code.
43. In case of T.L. Inverted or Rectangular beams, only the rib portion projecting or below the slab shall be insured for payment purpose.
44. The jamb and soffit of the door and windows openings should be smooth, true to plumb and suitable spaces will have to be left for receiving W.I. clamps as per direction of Engineer In- Charge for which no claim shall be entertained.
45. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
46. The N.I.T. special conditions and other condition attached with the bill quantity will form intergral part of the contract document and should be dully signed by the tendered on each page as taken of acceptance while submitting the tender for the work.
47. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
48. Suitable recess for fixing claps for doors and window, Jali work and railings whenever required, shall have to be provided by the contractor in brick walls, R.C.C. columns and R.C.C. roof as per direction of Engineer I/C without any cost.
49. The Engineer in-charge will have full powers to inquire the removal, from the premises of the site, of all materials which in his opening are not in accordance with, specification and in case of default the Engineer. I/C is at liberty to sell such inferior material at the contractor's cost and risks.
50. For purpose of payment of brick works; 19 on thick walls done with new size of bricks as per latest I.S.I specification shall be measured as 8"(Eighth inches) thick.



51. The teak wood and salwood shall be well seasoned and free from dead knots and other timber defects for the manufacture of frames and shutters and should be got approved before use in the works.
52. Fittings and fixtures for doors and windows etc, shall be got approved by the Estate Officer well in advance before use in work. The approved fittings and fising fixtures shall be mounted on a wooden board and always kept at site of work open or inspection and one such mounted board will be deposited in the office of the Estate Officer at the contractors cost.
53. Where not otherwise specified 1/8" thick plain glass panes weighting 2400 per fit (now 7.5 Kg per sqm only) shall be used in all glazed shutter
54. The contractor shall offer all facilities to the departmental officers for supervision, taking measurements, checking of bills etc. and any damage so occurred in the process will be made good by the contractor at his own cost.
55. In on account bills of the contractors, the maximum rate of any item of work for payment not included in the agreement, will be the BASU, Patna Schedule rates of work fixed time to time. In case BASU not having their own schedule of rates, the schedule rate of work of S.B./C., P.W.D. may be followed.
56. Om case any item of work not covered by Bihar Animal Sciences University, Patna or P.W.D. / B.C.D schedule of rates may be paid as per actual analysis of rates obtained from the local market.

(a) The methodology and equipment to be used on the project shall be furnished by the contractor to the Engineer-in-charge well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.

(b) The Contractor shall give a trial run of the equipment for establishing its capability to achieve the laid down specifications and tolerance to the satisfaction of the Engineer-in-Charge before commencement of work if so desired by the Engineer-in-Charge.

(c) All equipment provided shall be of proven efficacy and shall be operated and maintained at all times in manner acceptable to the Engineer-in-Charge.

(d) No equipment or Technical personals will be removed from site without permission of the Engineer-in-Charge.

57. Contractor shall submit the details of technical personnel available with their firm as per format given below:-  
Qualifications and experience of key personnel required for administration and execution of the contract  
(Attached biographical date).

Position	Name	Qualification	Year of Experience in the proposed position
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58. Tenderer must inspect the site before filling the tender.

59. It will be presumed that the tenderer has carefully examined the bill of quantity, specification, condition, approved quarries, roads, ghats, site etc complete and have satisfied himself as to the nature, extent of the liability of the work road approaches, means of communication and access to the site, availability of labour in connection with the completion of the work. No claim either for cost or for extension of time will be entertained on any one of these or similar ground. Delay in allotment of wagons shall not be a ground for time extension.

60. Quantities mentioned in the bill of quantities may decrease or increase.

61. In case of successful tender, the amount of the earnest money will be transferred to the initial security deposit and balance amount will be deposited by the contractor to cover up five percent security deposit before execution of the agreement. The total deposit shall be ten percent of his tender amount and the remaining five percent will be deducted from running bills.

62. No claim will be entertained for any increase in Railway Freight, fluctuation of rate for labour and materials in the market, if any, during the progress of work.

63. The rate to be quoted by the tenderer in terms of percentage in total estimated amount will be inclusive of the cost of materials transport charges up to the work site with loading unloading stacking & removing unserviceable materials involved at various works site, royalty and all type of State and Central Taxes. The complete rate as above only will be considered by the department.

64. Quoting rate for each item separately will be liable for rejection unless otherwise specifically asked for.

65. Conditional tender shall be outright rejected.

66. In the event of the tender being submitted by a firm it must be signed by each member or by a person holding the power of attorney authorizing him to do so.
67. No claim shall be entertained due to rise in price of lubricants and spare parts of vehicles or in taxes by Govt. or cost of labour or any materials or other cost.
68. The terms and conditions stated in the detailed tender documents together with the F2 condition shall form the part of the Agreement.
69. The Contractor shall have to abide by the Labour Act and Minimum Wages Act, MVI Act, forced in the area duly revised from time to time.
70. The Contractor will provide necessary facilities to the labourers and insurance coverage as per rules.
71. The Contractor shall make adequate arrangement for the safety of the labourers during execution of the works. He will be responsible for accident if occurs at his works site. Adequate compensation for the same will have to be paid by him as decided by competent authority.
72. No claim for non-availability or delay in supply of departmental materials, if any, shall be entertained.
73. The Contractor will be responsible for return of the Govt. machinery in good condition and will pay for its maintenance repair, Hire Charge for idle or repair period shall be payable by the Contractor.
74. In the event of any loss of the Govt. articles the value of the articles shall be recoverable from the contractor.
75. The contractor shall rectify at his own cost in case the work is found to be defective during checking & liability period.
76. It will be the responsibility of the contractor to pay royalty of mines materials. The contractor shall submit form "M" and "N" duly filled as per "Bihar" Mines and Mineral Act, 1972 or revised by the Govt. as the case may be.
77. The Contractor shall display a signboard at work site about the work as on the format prescribed by Engineer-in-Charge.
78. All old electrical fitting items (wiring , DBs, switch board, cable, pipes, etc.) will be dismantling by the contractor and same should be safely handed over to estate office without any cost .

Estate officer  
Bihar Animal Sciences University Patna -14

**NAME OF WORK: Renovation of Electric Wiring in the Girls Hostel of BVC at  
BASU Patna -**

Tender amount: ₹ 12,20,667 /-

Cost of tender paper: ₹ 2,500/-

Paid by D.D. No.....Date ....../....../20..... &amp; Name of Bank .....

Name of Agency: \_\_\_\_\_

**OFFICE OF THE ESTATE OFFICE  
BIHAR ANIMAL SCIENCES UNIVERSITY  
(NOTICE OF INVITING TENDER)**

1. Sealed tenders on plain paper to be eventually drawn in U.E. Form 61 No. F2/K2/H will be received upto 15:00 hours upto 18.07.2019 through Speed Post only by the undersigned and will be opened in presence of the tenderers or their authorized agents.
2. The bill of quantity will be downloaded upto 17:00 hrs on or before 17.07.2019. There will be no sale on the date of receiving tender.
3. The tender documents downloaded from the website will be submitted with cost of B.O.Q in the form of Demand Draft in favour of **FINANCE COMPTROLLER, BIHAR ANIMAL SCINECES UNIVERSITY, PATNA**. Tenders submitted without cost of B.O.Q. in the form of demand draft will be summarily rejected.
4. Tenderers are required to deposit Earnest money at the rate of ₹ 100/- for every 5000/- or part thereof of the amount of the Estimate. Earnest Money can be deposited in shape of Demand Draft, N.S.C., N.D.C., Post Office Saving Bank Deposit, Post Office Time Deposit duly pledged to **The ESTATE OFFICER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. The tenderers shall have to attach a copy of N.P.S.C., N.D.C., N.S.C., D.D., or Pass Book with their quotations otherwise these tenders may outright be rejected. N.S.C., N.D.C. D.D., of Pass Book furnished after the receipt of tender on specified date and time will in no case be entertained.
5. Tenderers shall quote their rates both in figures and words and amount worked out against each item of work and initial all corrections, over writings interpolations. Indefinite forms like estimated rates etc. should not be considered.
6. The percentage rates quoted by the contractors should be inclusive of all taxes royalties and other incidental charges (i.e. Labour Cess etc.) Maximum applicable percentage rate below estimated cost is 10(Ten) percent
7. Defect Liability Period for the work is Two years from the date of completion of quality work.
8. The Contractor should quote in their tender:
  - a. Period within which they can complete the work commencing from the date of written orders to commence the work.
  - b. The plants and machinery they possess for execution of works.
  - c. Experience, they have with details of woks and its locations.
  - d. Certificate, if any about the capacity of doing work.
  - e. Technical staff, if they possess.
9. The Contractor should satisfy themselves fully about the nature and site of works before offering their tenders and plea of any ignorance afterwards shall not be considered.
10. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
11. Contractors are required to furnish up to date Tax Clearance Certificate in respect of I.T. and S.T. along with their tenders for values of works or ₹ 10,000/- or, over ₹ 10,000/- in each every tender. In absence of these documents along with their tender they will have to submit the same or certificates of No. outstanding Liabilities of I.T. and S.T. from the respective department within 10 days from the date of requisition in a registered letter with A.D. failing which their tenders shall be outright rejected and their Earnest Money furnished with the tenders shall stands forfeited without any further intimation.
12. Amount of Estimate: ₹ ...../-  
Earnest Money: ₹ ...../-  
Time of Completion: ...../-  
Conditional tenders may be rejected.
13. After approval of rates by the competent authority the contractor shall have to deposit the initial Security money in shape of D.D. or N.S.C. with days of the receipt of the written orders from Engineer I/C and execute agreement failing which his tender shall be rejected and Earnest Money forfeited.

14. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reasons.
15. The claim for idle labours due to stoppage of work non supply of materials, drawing and designs or delay due to any other reasons shall not be entertained.
16. The Contractor shall arrange necessary site for accommodation and other facilities like medical aid etc. for this labours at his own cost and initiative as well as will comply with all labours rules prevalent in the locality.
17. The specification of work mentioned in B.O.Q. where not mentioned in that case S.B.C., P.W.D., will be followed during the progress of the work. In case of any difference of things not being clear the instructions of the Estate Officer shall be followed.
18. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
19. Materials recoverable or non-recoverable directly issued to work shall be issued to the contractor on proper Hand Receipt. Recovery of the cost of materials shall be made for the gross quantity issued and not for the quantity consumed in the portion of the work billed for. If materials are obtained in excess of precise requirement, the recovery of the cost of such materials will be made at double the issue rate stipulated in agreement.
20. The contractor employing trucks, tippers etc. for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
21. In the case of Lump-Sum Tenders contractors should clearly write both in figures and words.
22. It will be obligatory on the part of the tenders to keep his tender open for a period of 6 months (180 days) from the date of opening of tender for acceptance.
23. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
24. "SITE ORDER BOOK":- with numbered pages and bearing the certificates of the Engineer In Charge of containing so much pages shall have to maintain by the contractor at the site of work, and it will have to be produced, if the E.I. or Inspecting officers desire for any instructions concerning the work. This shall be the property of the Department after completion of work.
25. No. work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer In Charge in writing on "SITE ORDER BOOK" and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month to which it relates it will be treated as time barred and may be disallowed.
26. Registered contractors of appropriate category of the P.W.D (R.C.D. & B.C.D.)/B.I.A.D.A./Bihar M.E.S./Bihar RajyaPulNegam/CPWD and BASU, Patna having satisfactory records of work will be allowed to tender for the work.

Estate officer,  
Bihar Animal Sciences university, Patna

# BIHAR ANIMAL SCIENCE UNIVERSITY PATNA - 14

BOQ						
Name of work :-For Renovation of Electric wiring in the Girls Hostel of BVC at BASU Patna-14						
NIT NO. :- 03/2019 - 20				ESTIMATED COST :- 1220677/-		
DATE OF RECEIVING TENDER :- 18/07/2019				COST OF BOQ :-2500/-		
DATE OF OPENING TENDER :- 18/07/2019				EARNEST MONEY:-24500/-		
Sl. No.	SOR No (2018) Electrical Item Code.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate	Amount
		<b><u>Point Wiring in PVC Conduit with Modular switch:-</u></b>				
1	1.3	Wiring for light point/fan point/exhaust fan point / call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate , suitable size of GI box etc as required .				
	1.3.1	Group (A)	150	point	513	76950
	1.3.2	Group (B)	100	point	602	60200
	1.3.3	Group(C)	50	point	724	36200
2	1.4	Wiring for twin control light point with 1.5 sq. mm FRPVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box etc as required.	6	point	755	4530
		<b><u>Power Plug Wiring in PVC Conduit (2 X 4 Sq. mm):-</u></b>				
3	1.5	Wiring for light/ power plug plug with 2 X 4 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	1840	meter	200	368000
		<b><u>Circuit / Submain Wiring in PVC Conduit :-</u></b>				
4	1.7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	650	meter	161	104650
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	300	meter	200	60000
	1.7.4	4 X 6 sq. mm + 1 X 6 sq. mm earth wire	160	meter	410	65600
		<b><u>S/F Stepped type electronic fan regulator :-</u></b>				
5	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc	60.00	Each	359.00	21540.00
		<b><u>S/F Power Plug with modular type switch and socket :-</u></b>				

6	1.24	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
	1.24.1	5/6 Amps switch	90.00	Each	81.00	7290.00
	1.24.3	15/16 Amps switch	91.00	Each	134.00	12194.00
	1.24.4	3 /5pin , 5/6 Amps Socket outlet	90.00	Each	122.00	10980.00
	1.24.5	3/5 pin , 15/16 Amps Socket outlet	90.00	Each	185.00	16650.00
7	1.27	Supplying and fixing following size/ modules, GI box along with modular base and cover plate for modular switches in recess etc as required.				
	1.27.4	6 Module(200 mm X 75 mm)	90.00	Each	275.00	24750.00
8	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	8.00	Each	413.00	3304.00
		<u>S/F Ceiling Rose:-</u>				
9	1.33	supplying and fixing of , 2 pin 6amp ceiling rose on the existing junction box wooden block including connection etc as required.	283	Each	42	11886
		<u>S/F Batten Holder :-</u>				
10	1.34	Supplying and fixing batten/ angle holder including connection etc. as required.	28	Each	46	1288
		<u>S/F Bushbar Chamber :-</u>				
11	2.5	providing and fixing following capacity bus bar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections, earthing the body etc. as required Providing and fixing following capacity busbar				
	2.5.3	200 amp	1	Each	7742	7742
		<u>S/F Triple Pole MCB DB :-</u>				
12	2.9	supplying and fixing following way horizontal type three pole and neutral , sheet steel mcb distribution board 415 volt on surface /recess complete with tinned copper bus bar ,neutral bus bar earth bar din bar ,interconnection powder painted including earthing etc as reuired ( but wittout mcb /rccb/isolator)				
	2.9.5	6 way (4 + 18) , double door , horizontal type	7	Each	2905	20335
		<u>S/F , MCB:-</u>				
13	2.12	Supplying and fixing of following rating 240/415 volt ' c ' curve miniature circuit breaker suitable for inductive load of following poles in the existing mcb DB complete with connection testing and commisssoning etc as required .				
	2.12.1	6/32 amp single pole	120	Each	192	23040
	2.12.2	6/32 amp spn	2	Each	511	1022

	2.12.5	50/63 amp , Triple pole and neutral	7	Each	1635	11445
		<b>S/F LED type tube fitting :-</b>				
14	5.9.3	Supplying and fixing single wall mounted 18/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall/ ceiling including connections with 1.5 sq.mm FR PVC insulated copper conductor and earthing the body etc. as required.	112	Each	684	76608
		<b>S/F LED type Flood light :-</b>				
15	5.13.10	Supplying and fixing 90 watt LED type FLOOD light with die cast aluminium housing for ingress protection of IP65 and complete with all accessories etc and connection with FR PVC insulated copper conductor cable and earthing the body etc. as required.	6	Each	8501	51006.00
16	6.1	Supplying and fixing of following types lamp in the existing electrical fitting/ fixtures etc. as required.				
	6.1.31	5 watt LED lamp	20	Each	134	2680.00
		<b>S/L armoured cable :-</b>				
17	2205	3.5 CORE , 25sqmm XLPE/PVC insulated pvc sheathed (heavy duty) armoured electric cable with aluminium conductor	250	Meter	126	31500.00
18	7.4	Fixing for laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
	7.4.1	up to 35sqmm	250	meter	29	7250.00
		<b>S/I of A.C. ceiling fan :-</b>				
19	8.11.3	Supply and installation of regular/standard model A.C. ceiling fan of 1400 mm sweep including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FR PVC insulated copper conductor etc as required.	60	Each	1758	52740.00
		<b>S/I of A.C. Exhaust Fan :-</b>				
20	8.11.4	Supply and installation of 300 mm, 230 v A.C. exhaust fan in the existing opening including making good the damage, connection testing, commissioning etc as required.	10	Each	1483	5932.00
		<b>P/F of OFF-LOAD Changeover switch</b>				
21	2.6	Providing and fixing following capacity double pole/ four pole OFF-load changeover switches with side handle operation, in sheet enclosure in existing metal board, including drilling holes in metal panel, making connections etc				
	2.6.6	200 Amp , four pole	1	Each	11,831	11831.00
		<b>P/F of MCCB</b>				
22	2.4	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required.				
	2.4.5	200 Amp, 35 KA	1	Each	11,915	11915.00
		<b>S/F of Cubical Panel</b>				

23	8.10.1	Supplying and fixing wall/floor mounted cubical panel board, fabricated with 18 gauge iron sheet, suitable for panel mounted switch disconnector, including bus-bar chamber, insulator and painting etc. as required. (but without busbar copper strip )	12	Sq. ft	1314	15768.00
		<b>S/F of CT Coil</b>				
24	8.10.6	Supply and fixing digital Ammeter, three phase with C.T. coil in the existing cubical panel board including drilling holes in the panel board, making connection etc as required.	1	Each	1643	1643.00
		<b>S/F of digital voltmeter</b>				
25	8.10.3	Supply and fixing digital voltmeter, three phase in the existing cubical panel board including drilling holes in the panel board, making connection etc as required.	1	Each	1337	1337.00
26	2318	pilot lamp for indicator	3	Each	91.5	274.50
27	2319	Selector switch	2	Each	293.25	586.50
<b>Total amount</b>						<b>1220667</b>
<b>RUPEES TWELVE LAC TWENTY THOUSAND SIX HUNDRED SIXTY- SIX ONLY</b>						

I/We execute the work at :

- (1) estimated /analysed rates shown in the bill of quantities.
- (a) In word ..... percent above the rates shown in the bill of quantities
- (b) In figure ..... percent above the rates shown in the bill of quantities
- (c) In word ..... percent below the rates shown in the bill of quantities
- (d) In figure .....percent below the rates shown in the bill of quantities

I/We will complete the work within .....days from the date of order.

I/We have read and fully understood the terms and conditions of the state (PWD) contract form (F2) and the NIT special conditions.

Signature of the contractor :- .....

Name & Address of the contractor: .....

.....

ESTATE OFFICERE  
BASU, PATNA -14

- (1) No. of cutting .....
- (2) No. of over wrighting .....
- (3) Rate quoted .....

Estate officer  
Basu, Patna -14



## N.I.T. SPECIAL CONDITIONS

1. Rates quoted should be inclusive of all taxes, royalties carriage and all other incidental charges what so ever.
2. The contractor shall not stipulate any additional conditions in their tender for increase of rates due to increase in rate of taxation. Rly. Freight and etc.
3. The rates should be written in figures as well as in words in such a way that interpolation is not possible and total amount of each item should be written both in figures and words and total amount of each page will also indicate both in figures and words.
4. Taxes, Rly. Freight and incidental charges on materials and labour in respect of the contractor shall be payable by the contractor and University shall not entertain any claim whatsoever in this respect.
5. The tenderers should acquaint themselves with the work and working conditions of the site locality and no claim will be entertained on this issue.
6. Site of execution of the work will be available as soon as work is awarded. In case, it is not possible for the department to take the entire site available on the award of the work, the contractor will have to arrange his working programme accordingly.
7. The contractor's responsibility for the construction shall commence from the date of issue of work order
8. The contractor shall study the specification, drawings and design carefully before submitting the tender
9. The work will be executed according to the approved and sanctioned design and drawing from time to time which will be binding on the contractor. No claim for the changes or modification in drawing and design will be tenable.
10. The contractor will be issued departmental materials as per actual requirement in stock length and size available with the department. Material is taken by the contractor in excess of the calculated requirement will be charged to panel rates which will be double the issue rates of the materials.
11. Contractor shall have to keep in upto date account of materials at site and his stores shall be inspected and stock taking will be done as and when required by the supervising staff of the department. The contractor should arrange for such inspection and free access should be given to the Supervising staff for such check up.
12. Quantities mentioned in the bill of quantity are approximate and the same may increase or decrease.
13. No claim shall be entertained on the grounds of fluctuation of rate in labour and materials etc. in the market during the period of filling the tender and completion of work.
14. The contractor shall arrange for necessary site accommodation and other facilities for the labour and no claim for medical aid to labour or any other incidental charges shall be entertained.
15. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
16. The contractor shall strictly follow the conditions laid down in the minimum wages act. He shall also comply with the labour laws as may be current and furnish information as required from time to time.
17. All materials brought to site by the motor vehicle, other than vehicles belonging to the contractor for this work, should be by public carrier vehicles. The carriage of such materials by Private carrier would be illegal and contractor will accordingly be responsible for employing private carrier instead of public carrier.
18. The motor vehicles rules should be followed by the contractor will also be responsible for infringement of traffic rules accident, damages to roads and culverts etc. No responsibility for all or any of the above things will rest with department.
19. The work shall be done according to the University specification. In respect of such items of work which is not covered by the University specification the specification laid down by the Superintending Engineer, South Bihar Circle shall be allowed which will be final and conclusive.
20. All R.C.C. as well as plain cement concrete work shall be machine mixed and vibrated properly and submerged with 2" constant head of water over horizontally laid concrete component and constant spray curing on verticals concrete complete as directed by Engineer In-charge.
21. All shuttering and centring materials shall be arranged and procured by the contractor at his own cost and shall consist of rigid and sound work and steel works not to deform or disturb as a sequel to the working of vibrator. A scaffolding materials shall also be procured and arranged by the contractor at his cost. In case of centring and shuttering of R.C.C. column only steel plates of requisite thickness shall be used in centring and shuttering and not the wooden planks, so as to give smooth surface.
22. No claim shall be entertained for cleaning and scraping rusts and normal elements from steel issued by the department.
23. All R.C.C. works shall be designed as per latest I.S. code of practice.
24. If during execution of work, any item which is provided in the bill of quantities, is not required to be executed due to change of specification etc. the contractor will have no claim whatsoever if that item is not done through them.
25. The contractor shall get the samples of bricks, sand stone chips etc. approved by the Estate Officer before undertaking mass collection of the same. Sample of the approved quality of materials shall be kept in the custody for comparison later on when the contractor's supply is made during progress of the work.
26. For overall structural works except plastering clean and coarse sand shall be used. For plastering, clean and medium sand shall be used and should be screened to 256 mesh in one square inch before used in work.
27. Flat iron, for making grills for window, hand rails for stair case etc. shall be procured by the tenderer himself.

28. All points of welding in grills etc. must be clean smooth and strong. The samples of grill shall be got approved by the Estate Officer before taking up mass manufacture.
29. After completion of work the building floor shall be thoroughly washed and cleaned. The ugly marks on glass panes shutters etc. shall be removed and damages made good. The works of paint cement etc. shall be removed and cleaned nicely at the contractor's cost.
30. The contractor shall removed all his surplus materials rubbish etc. and leave the site clean and tidy after levelling and dressing the premises of the works as directed by the Engineer In-charge and then the work shall be considered as complete.
31. The site should be cleaned of all rubbishes, levelled and dressing as directed by the Engineer In-charge and shall prepare for layout works. Engineer weeds stumps of trees if any shall be removed by the contractor at his cost before layout is taken up as directed by the Engineer I/C. The cost of masonry pages stradingslabours and etc. are incidental expenditures in layout of the work and shall not constitute a claim for the some.
32. The arrangements and the cost of all the store shed, labour shed vate, tools scaffolding water supply arrangement electric supply and building accessories shall be borne by the contractor at his cost and noting will rest with the depart. The contractor shall also provide all facilities and medical aid to the labours employed, at his cost.
33. The contractor is liable to pay security deposit for concrete mixer, vibrator and other department, Machineris issued to him at the rate fixed by the Estate Officer, BASU, Patna. The amount is refundable as soon as the machinery is returned in the Bihar Animal Sciences University, Patna Godown in good and running condition after full completion of the job.
34. The contractor shall be responsible for apperup keep of the machinery under his charge and shall return the same to BASU Godown in good and sound condition. In event of loss or damage to any part, the valuable of the same is assessed by the Engineer In-charge shall be recovered by the contractor.
35. The power roller may be supplied free of cost but all cost of running and cleaning will be met by the contractor and the pay and allowances of the driver and khalasi will be recovered from the contractor @ ₹ 15/- (₹ Fifteen only) per day. A penalty of ₹ 30/- (₹ Thirty) only per day will be imposed on the contractor for keeping the roller idle.
36. any approach road necessary for carriage of building materials to site of work, will have to be constructed by the contractor at his own cost and no claim for the same will be entertained by the department.
37. The contractor shall keep at site such implements to cost the soundness of material etc. at site. Moulds for making concrete cubes, steel comes for slump test etc. shall be kept at site and the cost of making them shall be borne by the contractor and no claim for the same will be tenable. He shall also provide and mark all arraigments at his cost for collecting, preparing and forwarding required number of samples for test and analysis at such time and such places or places as directed by the Engineer I/C and full payment of R.C.C. work shall be made only on satisfactory test result.
38. The department will not hold itself responsible if the work has be stopped at any stage of progress due to reasons beyond the control of the department and no claim will be entertained for the same.
39. The Government materials issued to the contractor for the work shall be properly looked after and guarded against theft, pilferage and losses due to fire etc. and for such any loss, the responsibility shall entirely rest with the contractor.
40. The contractor shall compy sufficient number of skilled and experienced labours to the job in order to achieve proportionate time given for the work during, execution of work, if his any mason or labour is found avoiding instructions to follow, shall be turn out at once from the work site.
41. Good and approved quality of lime should be used and samples may be got approved before use in works.
42. In all R.C.C. and R.C.C. works, pakur or Manpur stone chips and some sand of specified size grade and quality confirming to the Indian standard specification no. 456-964 shall be used. The bricks to be used in all brick works shall confirm requirement of relevant I.S. Code.
43. In case of T.L. Inverted or Rectangular beams, only the rib portion projecting or below the slab shall be insured for payment purpose.
44. The jamb and soffit of the door and windows openings should be smooth, true to plumb and suitable spaces will have to be left for receiving W.I. clamps as per direction of Engineer In- Charge for which no claim shall be entertained.
45. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
46. The N.I.T. special conditions and other condition attached with the bill quantity will form intergral part of the contract document and should be dully signed by the tendered on each page as taken of acceptance while submitting the tender for the work.
47. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
48. Suitable recess for fixing claps for doors and window, Jali work and railings whenever required, shall have to be provided by the contractor in brick walls, R.C.C. columns and R.C.C. roof as per direction of Engineer I/C without any cost.
49. The Engineer in-charge will have full powers to inquire the removal, from the premises of the site, of all materials which in his opening are not in accordance with, specification and in case of default the Engineer. I/C is at liberty to sell such inferior material at the contractor's cost and risks.
50. For purpose of payment of brick works; 19 on thick walls done with new size of bricks as per latest I.S.I specification shall be measured as 8"(Eighth inchs) thick.

51. The teak wood and salwood shall be well seasoned and free from dead knots and other timber defects for the manufacture of frames and shutters and should be got approved before use in the works.
52. Fittings and fixtures for doors and windows etc, shall be got approved by the Estate Officer well in advance before use in work. The approved fittings and fising fixtures shall be mounted on a wooden board and always kept at site of work open or inspection and one such mounted board will be deposited in the office of the Estate Officer at the contractors cost.
53. Where not otherwise specified 1/8" thick plain glass panes weighting 2400 per fit (now 7.5 Kg per sqm only) shall be used in all glazed shutter
54. The contractor shall offer all facilities to the departmental officers for supervision, taking measurements, checking of bills etc. and any damage so occurred in the process will be made good by the contractor at his own cost.
55. In on account bills of the contractors, the maximum rate of any item of work for payment not included in the agreement, will be the BASU, Patna Schedule rates of work fixed time to time. In case BASU not having their own schedule of rates, the schedule rate of work of S.B./C., P.W.D. may be followed.
56. Om case any item of work not covered by Bihar Animal Sciences University, Patna or P.W.D. / B.C.D schedule of rates may be paid as per actual analysis of rates obtained from the local market.

(a) The methodology and equipment to be used on the project shall be furnished by the contractor to the Engineer-in-charge well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.

(b) The Contractor shall give a trial run of the equipment for establishing its capability to achieve the laid down specifications and tolerance to the satisfaction of the Engineer-in-Charge before commencement of work if so desired by the Engineer-in-Charge.

(c) All equipment provided shall be of proven efficacy and shall be operated and maintained at all times in manner acceptable to the Engineer-in-Charge.

(d) No equipment or Technical personals will be removed from site without permission of the Engineer-in-Charge.

57. Contractor shall submit the details of technical personnel available with their firm as per format given below:-  
Qualifications and experience of key personnel required for administration and execution of the contract  
(Attached biographical date.

Position	Name	Qualification	Year of Experience in the proposed position
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58. Tenderer must inspect the site before filling the tender.
59. It will be presumed that the tenderer has carefully examined the bill of quantity, specification, condition, approved quarries, roads, ghats, site etc. complete and have satisfied himself as to the nature, extent of the liability of the work road approaches, means of communication and access to the site, availability of labour in connection with the completion of the work. No claim either for cost or for extension of time will be entertained on any one of these or similar ground. Delay in allotment of wagons shall not be a ground for time extension.
60. Quantities mentioned in the bill of quantities may decrease or increase.
61. In case of successful tender, the amount of the earnest money will be transferred to the initial security deposit and balance amount will be deposited by the contractor to cover up five percent security deposit before execution of the agreement. The total deposit shall be ten percent of his tender amount and the remaining five percent will be deducted from running bills.
62. No claim will be entertained for any increase in Railway Freight, fluctuation of rate for labour and materials in the market, if any, during the progress of work.
63. The rate to be quoted by the tenderer in terms of percentage in total estimated amount will be inclusive of the cost of materials transport charges up to the work site with loading unloading stacking & removing unserviceable materials involved at various works site, royalty and all type of State and Central Taxes. The complete rate as above only will be considered by the department.
64. Quoting rate for each item separately will be liable for rejection unless otherwise specifically asked for.
65. Conditional tender shall be outright rejected.

66. In the event of the tender being submitted by a firm it must be signed by each member or by a person holding the power of attorney authorizing him to do so.
67. No claim shall be entertained due to rise in price of lubricants and spare parts of vehicles or in taxes by Govt. or cost of labour or any materials or other cost.
68. The terms and conditions stated in the detailed tender documents together with the F2 condition shall form the part of the Agreement.
69. The Contractor shall have to abide by the Labour Act and Minimum Wages Act, MVI Act, forced in the area duly revised from time to time.
70. The Contractor will provide necessary facilities to the labourers and insurance coverage as per rules.
71. The Contractor shall make adequate arrangement for the safety of the labourers during execution of the works. He will be responsible for accident if occurs at his works site. Adequate compensation for the same will have to be paid by him as decided by competent authority.
72. No claim for non-availability or delay in supply of departmental materials, if any, shall be entertained.
73. The Contractor will be responsible for return of the Govt. machinery in good condition and will pay for its maintenance repair, Hire Charge for idle or repair period shall be payable by the Contractor.
74. In the event of any loss of the Govt. articles the value of the articles shall be recoverable from the contractor.
75. The contractor shall rectify at his own cost in case the work is found to be defective during checking & liability period.
76. It will be the responsibility of the contractor to pay royalty of mines materials. The contractor shall submit form "M" and "N" duly filled as per "Bihar" Mines and Mineral Act, 1972 or revised by the Govt. as the case may be.
77. The Contractor shall display a signboard at work site about the work as on the format prescribed by Engineer-in-Charge.
78. All old electrical fitting items (wiring , DBs, switch board, cable, pipes, etc.) will be dismantling by the contractor and same should be safely handed over to estate office without any cost .

Estate officer  
Bihar Animal Sciences University Patna -14

**NAME OF WORK: Renovation of Electric Wiring in different Department of BVC, Patna**

Tender amount: ₹ 969969 /-

Cost of tender paper: ₹ 1250/-

Paid by D.D. No.....Date ....../..../20..... & Name of Bank .....

Name of Agency: \_\_\_\_\_

**OFFICE OF THE ESTATE OFFICE  
BIHAR ANIMAL SCIENCES UNIVERSITY  
(NOTICE OF INVITING TENDER)**

1. Sealed tenders on plain paper to be eventually drawn in U.E. Form 61 No. F2/K2/H will be received upto 15:00 hours upto 18.07.2019 through Speed Post only by the undersigned and will be opened in presence of the tenderers or their authorized agents.
2. The bill of quantity will be downloaded upto 17:00 hrs on or before 17.07.2019. There will be no sale on the date of receiving tender.
3. The tender documents downloaded from the website will be submitted with cost of B.O.Q in the form of Demand Draft in favour of **FINANCE COMPTROLLER, BIHAR ANIMAL SCINECES UNIVERSITY, PATNA**. Tenders submitted without cost of B.O.Q. in the form of demand draft will be summarily rejected.
4. Tenderers are required to deposit Earnest money at the rate of ₹ 100/- for every 5000/- or part thereof of the amount of the Estimate. Earnest Money can be deposited in shape of Demand Draft, N.S.C., N.D.C., Post Office Saving Bank Deposit, Post Office Time Deposit duly pledged to **The ESTATE OFFICER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. The tenderers shall have to attach a copy of N.P.S.C., N.D.C., N.S.C., D.D., or Pass Book with their quotations otherwise these tenders may outright be rejected. N.S.C., N.D.C. D.D., of Pass Book furnished after the receipt of tender on specified date and time will in no case be entertained.
5. Tenderers shall quote their rates both in figures and words and amount worked out against each item of work and initial all corrections, over writings interpolations. Indefinite forms like estimated rates etc. should not be considered.
6. The percentage rates quoted by the contractors should be inclusive of all taxes royalties and other incidental charges (i.e. Labour Cess etc.) Maximum applicable percentage rate below estimated cost is 10(Ten) percent
7. Defect Liability Period for the work is Two years from the date of completion of quality work.
8. The Contractor should quote in their tender:
  - a. Period within which they can complete the work commencing from the date of written orders to commence the work.
  - b. The plants and machinery they possess for execution of works.
  - c. Experience, they have with details of woks and its locations.
  - d. Certificate, if any about the capacity of doing work.
  - e. Technical staff, if they possess.
9. The Contractor should satisfy themselves fully about the nature and site of works before offering their tenders and plea of any ignorance afterwards shall not be considered.
10. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
11. Contractors are required to furnish up to date Tax Clearance Certificate in respect of I.T. and S.T. along with their tenders for values of works or ₹ 10,000/- or, over ₹ 10,000/- in each every tender. In absence of these documents along with their tender they will have to submit the same or certificates of No. outstanding Liabilities of I.T. and S.T. from the respective department within 10 days from the date of requisition in a registered letter with A.D. failing which their tenders shall be outright rejected and their Earnest Money furnished with the tenders shall stands forfeited without any further intimation.
12. Amount of Estimate: ₹ ...../-  
Earnest Money: ₹ ...../-  
Time of Completion: ...../-  
Conditional tenders may be rejected.
13. After approval of rates by the competent authority the contractor shall have to deposit the initial Security money in shape of D.D. or N.S.C. with days of the receipt of the written orders from Engineer I/C and execute agreement failing which his tender shall be rejected and Earnest Money forfeited.

14. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reasons.
15. The claim for idle labours due to stoppage of work non supply of materials, drawing and designs or delay due to any other reasons shall not be entertained.
16. The Contractor shall arrange necessary site for accommodation and other facilities like medical aid etc. for this labours at his own cost and initiative as well as will comply with all labours rules prevalent in the locality.
17. The specification of work mentioned in B.O.Q. where not mentioned in that case S.B.C., P.W.D., will be followed during the progress of the work. In case of any difference of things not being clear the instructions of the Estate Officer shall be followed.
18. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
19. Materials recoverable or non-recoverable directly issued to work shall be issued to the contractor on proper Hand Receipt. Recovery of the cost of materials shall be made for the gross quantity issued and not for the quantity consumed in the portion of the work billed for. If materials are obtained in excess of precise requirement, the recovery of the cost of such materials will be made at double the issue rate stipulated in agreement.
20. The contractor employing trucks, tippers etc. for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
21. In the case of Lump-Sum Tenders contractors should clearly write both in figures and words.
22. It will be obligatory on the part of the tenders to keep his tender open for a period of 6 months (180 days) from the date of opening of tender for acceptance.
23. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
24. "SITE ORDER BOOK":- with numbered pages and bearing the certificates of the Engineer In Charge of containing so much pages shall have to maintain by the contractor at the site of work, and it will have to be produced, if the E.I. or Inspecting officers desire for any instructions concerning the work. This shall be the property of the Department after completion of work.
25. No. work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer In Charge in writing on "SITE ORDER BOOK" and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month to which it relates it will be treated as time barred and may be disallowed.
26. Registered contractors of appropriate category of the P.W.D (R.C.D. & B.C.D.)/B.I.A.D.A./Bihar M.E.S./Bihar RajyaPulNegam/CPWD and BASU, Patna having satisfactory records of work will be allowed to tender for the work.

Estate officer,  
Bihar Animal Sciences university, Patna

BOQ						
MANE OF WORK - RENOVATION OF ELECTRICAL WIRING WORK IN THE BIHAR VETERINARY COLLEGE AT BASU PATNA						
ESTIMATED COST - 9,69,969/-				EARNEST MONEY - 19400		
DATE OF RECEIVING TENDER - 18/07/2019				DATE OF OPENING OF TENDER - 18/07/2019		
NIT NO. - 03/2019-20				COST OF BOQ - 1250		
Sl. No.	SOR No (2018) Electrical Item Code.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate	Amount
		<b>Point Wiring in PVC Conduit with Modular switch:-</b>				
1	1.3	Wiring for light point/fan point/exhaust fan point / call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate , suitable size of GI box etc as required .				
	1.3.1	Group (A)	150	point	513	76950
	1.3.2	Group (B)	70	point	602	42140
	1.3.3	Group(C)	30	point	724	21720
		<b>Power Plug Wiring in PVC Conduit (2 X 4 Sq. mm):-</b>				
2	1.5	Wiring for light/ power plug plug with 2 X 4 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	600	meter	200	120000
		<b>Circuit / Submain Wiring in PVC Conduit :-</b>				
3	1.7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	700	meter	161	112700
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	600	meter	200	120000
		<b>S/F Stepped type electronic fan regulator :-</b>				
4	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc	60.00	Each	359.00	21540.00
		<b>S/F Power Plug with modular type switch and socket :-</b>				
5	1.24	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
	1.24.1	5/6 Amps switch	250.00	Each	81.00	20250.00
	1.24.3	15/16 Amps switch	80.00	Each	134.00	10720.00
	1.24.4	3 /5pin , 5/6 Amps Socket outlet	250.00	Each	122.00	30500.00
	1.24.5	3/5 pin , 15/16 Amps Socket outlet	80.00	Each	185.00	14800.00
6	1.27	Supplying and fixing following size/ modules, GI box along with modular base and cover plate for modular switches in recess etc as required.				
	1.27.2	3Module(100 mm X 75 mm)	80.00	Each	210.00	16800.00
	1.27.4	6 Module(200 mm X 75 mm)	25.00	Each	275.00	6875.00
	1.27.5	12 Module(200 mm X 150 mm)	50.00	Each	423.00	21150.00
		<b>S/F Ceiling Rose:-</b>				

7	1.33	supplying and fixing of , 2 pin 6amp ceiling rose on the existing junction box wooden block including connection etc as required.	250	Each	42	10500
8	2.31	Supplying and fixing modular type 25 amps A.C. unit box with ON/OFF MCB on surface or in recess complete with connections,testingand commissioning etc as required.	40	Each	594	23760
		<b>S/F Bushbar Chamber :-</b>				
9	2.5	providing and fixing following capacity bus bar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections, earthing the body etc. as requiredProviding and fixing following capacity busbar				
	2.5.3	100 amp	4	Each	3684	14736
		<b>S/F Triple Pole MCB DB :-</b>				
10	2.8	supplying and fixing following way horizontal type three pole and neutral , sheet steel mcb distribution board 415 volt on surface /recess complete with tinned copper bus bar ,neutral bus bar earth bar din bar ,interconnection powder painted including earthing etc as reuired ( but wittout mcb				
	2.8.6	way (2+4 ) , double door , horizontal type	2	Each	1004	2008
11	2.9	supplying and fixing following way horizontal type three pole and neutral , sheet steel mcb distribution board 415 volt on surface /recess complete with tinned copper bus bar ,neutral bus bar earth bar din bar ,interconnection powder painted including earthing etc as reuired ( but without mcb /rccb/isolator)				
	2.9.4	way (4 + 12 ) , double door , horizontal type	4	Each	2388	9552
	2.9.5	6 way (4 + 18 ) , double door , horizontal type	5	Each	2905	14525
		<b>S/F , MCB:-</b>				
12	2.12	Supplying and fixing of following rating 240/415 volt ' c ' curve miniature circuit breaker suitable for inductive load of following poles in the existing mcb DB complete with connection testing and commisisoning etc as required .				
	2.12.1	6/32 amp single pole	110	Each	192	21120
	2.12.2	6/32 amp spn	4	Each	511	2044
	2.12.6	40 amp , Triple pole and neutral	9	Each	1487	13383
		<b>S/F LED type tube fitting :-</b>				
13	2206	3.5 CORE , 25sqmm XLPE/PVC insulated pvc sheathed (heavy duty) armoured electric cable with aluminium conductor	200	Meter	159.6	31920.00
14	2207	3.5 CORE , 50 sqmm XLPE/PVC insulated pvc sheathed (heavy duty) armoured electric cable with aluminium conductor	200	Meter	207.2	41440.00
15	5.11.5	Supplying and fixing recess mounted 12 watt LED vertical downlighter complete with all accessories and replaceable electronic driver, directly on false ceiling including connection with 1.5 sq.mm FR FRPVC insulatedcopper conductorcableandearthing the body etc. as required	30	Each	1066	31980.00
16	7.4	Fixing for laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
	7.4.1	up to 35sqmm	200	meter	29	5800.00
	7.4.2	Above 35 sqmm and up to 95 sqmm	200	Meter	68	13600.00



		<b>S/I of A.C. ceiling fan :-</b>				
17	8.11.3	Supply and installation of regular/standard model A.C. ceiling fan of 1400 mm sweep including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FR PVC insulated copper conductor etc as required.	30	Each	1758	52740.00
		<b>S/I of A.C. Exhaust Fan :-</b>				
18	8.11.4	Supply and installation of 300 mm, 230 v A.C. exhaust fan in the existing opening including making good the damage, connection testing, commissioning etc as required.	4	Each	1483	5932.00
19	8.11.7	Supply and installation of 400 mm, 230 v A.C.wall/cabin fan including fixing the bracket, making connection, testing, commissioning etc as required.	10	Each	2427	24270.00
		<b>P/F of OFF-LOAD Changeover switch</b>				
20	2.7	Providing and fixing following capacity four pole ONload/ panel mounted changeover switches inside the existing cubical panel board including drilling holes in cubicle panel, making connections etc. as required				
	2.7.8	320 Amp , four pole	1	Each	14,514	14514.00
			<b>Total amount</b>			<b>969,969.00</b>
<b>RUPEES TEN LAKH SIXTY SIX THOUSAND ONE HUNDRED FOURTY NINE ONLY</b>						

I/we execute the work at :

(1) estimated / analysed rates shown in the bill of quantities .

(a) In word .....percent above the rates shown in the bill of quantities

(b) In figure ..... percent above the rates shown in the bill of quantities

© In word .....percent below the rates shown in the bill of quantities

(d) In figure .....percent below the rates shown in the bill of quantities

I / we will complete the work within.....month from the date of work order .

I/we have read and fully understood the terms and condition of the state (PWD) contract form F2 and the NIT and special

signature of the contractor .....  
name and address of the contractor .....

.....  
.....  
.....

Sd-  
ESTATE OFFICER  
BASU PATNA-14

(1) No. of cutting .....

(2) No. of over writing .....

(3) Rate quoted .....

ESTATE OFFICER  
BASU PATNA-14

## N.I.T. SPECIAL CONDITIONS

1. Rates quoted should be inclusive of all taxes, royalties carriage and all other incidental charges what so ever.
2. The contractor shall not stipulate any additional conditions in their tender for increase of rates due to increase in rate of taxation. Rly. Freight and etc.
3. The rates should be written in figures as well as in words in such a way that interpolation is not possible and total amount of each item should be written both in figures and words and total amount of each page will also indicate both in figures and words.
4. Taxes, Rly. Freight and incidental charges on materials and labour in respect of the contractor shall be payable by the contractor and University shall not entertain any claim whatsoever in this respect.
5. The tenderers should acquaint themselves with the work and working conditions of the site locality and no claim will be entertained on this issue.
6. Site of execution of the work will be available as soon as work is awarded. In case, it is not possible for the department to take the entire site available on the award of the work, the contractor will have to arrange his working programme accordingly.
7. The contractor's responsibility for the construction shall commence from the date of issue of work order
8. The contractor shall study the specification, drawings and design carefully before submitting the tender
9. The work will be executed according to the approved and sanctioned design and drawing from time to time which will be binding on the contractor. No claim for the changes or modification in drawing and design will be tenable.
10. The contractor will be issued departmental materials as per actual requirement in stock length and size available with the department. Material is taken by the contractor in excess of the calculated requirement will be charged to panel rates which will be double the issue rates of the materials.
11. Contractor shall have to keep in upto date account of materials at site and his stores shall be inspected and stock taking will be done as and when required by the supervising staff of the department. The contractor should arrange for such inspection and free access should be given to the Supervising staff for such check up.
12. Quantities mentioned in the bill of quantity are approximate and the same may increase or decrease.
13. No claim shall be entertained on the grounds of fluctuation of rate in labour and materials etc. in the market during the period of filling the tender and completion of work.
14. The contractor shall arrange for necessary site accommodation and other facilities for the labour and no claim for medical aid to labour or any other incidental charges shall be entertained.
15. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
16. The contractor shall strictly follow the conditions laid down in the minimum wages act. He shall also comply with the labour laws as may be current and furnish information as required from time to time.
17. All materials brought to site by the motor vehicle, other than vehicles belonging to the contractor for this work, should be by public carrier vehicles. The carriage of such materials by Private carrier would be illegal and contractor will accordingly be responsible for employing private carrier instead of public carrier.
18. The motor vehicles rules should be followed by the contractor will also be responsible for infringement of traffic rules accident, damages to roads and culverts etc. No responsibility for all or any of the above things will rest with department.
19. The work shall be done according to the University specification. In respect of such items of work which is not covered by the University specification the specification laid down by the Superintending Engineer, South Bihar Circle shall be allowed which will be final and conclusive.
20. All R.C.C. as well as plain cement concrete work shall be machine mixed and vibrated properly and submerged with 2" constant head of water over horizontally laid concrete component and constant spray curing on verticals concrete complete as directed by Engineer In-charge.
21. All shuttering and centring materials shall be arranged and procured by the contractor at his own cost and shall consist of rigid and sound work and steel works not to deform or disturb as a sequel to the working of vibrator. A scaffolding materials shall also be procured and arranged by the contractor at his cost. In case of centring and shuttering of R.C.C. column only steel plates of requisite thickness shall be used in centring and shuttering and not the wooden planks, so as to give smooth surface.
22. No claim shall be entertained for cleaning and scraping rusts and normal elements from steel issued by the department.
23. All R.C.C. works shall be designed as per latest I.S. code of practice.
24. If during execution of work, any item which is provided in the bill of quantities, is not required to be executed due to change of specification etc. the contractor will have no claim whatsoever if that item is not done through them.
25. The contractor shall get the samples of bricks, sand stone chips etc. approved by the Estate Officer before undertaking mass collection of the same. Sample of the approved quality of materials shall be kept in the custody for comparison later on when the contractor's supply is made during progress of the work.
26. For overall structural works except plastering clean and coarse sone sand shall be used. For plastering, clean and medium sone sand shall be used and should be screened to 256 mesh in one square inch before used in work.
27. Flat iron, for making grills for window, hand rails for stair case etc. shall be procured by the tenderer himself.

28. All points of welding in grills etc. must be clean smooth and strong. The samples of grill shall be got approved by the Estate Officer before taking up mass manufacture.
29. After completion of work the building floor shall be thoroughly washed and cleaned. The ugly marks on glass panes shutters etc. shall be removed and damages made good. The works of paint cement etc. shall be removed and cleaned nicely at the contractor's cost.
30. The contractor shall removed all his surplus materials rubbish etc. and leave the site clean and tidy after levelling and dressing the premises of the works as directed by the Engineer In-charge and then the work shall be considered as complete.
31. The site should be cleaned of all rubbishes, levelled and dressing as directed by the Engineer In-charge and shall prepare for layout works. Engineer weeds stumps of trees if any shall be removed by the contractor at his cost before layout is taken up as directed by the Engineer I/C. The cost of masonry pages stradingslabours and etc. are incidental expenditures in layout of the work and shall not constitute a claim for the some.
32. The arrangements and the cost of all the store shed, labour shed vate, tools scaffolding water supply arrangement electric supply and building accessories shall be borne by the contractor at his cost and noting will rest with the depart. The contractor shall also provide all facilities and medical aid to the labours employed, at his cost.
33. The contractor is liable to pay security deposit for concrete mixer, vibrator and other department, Machineris issued to him at the rate fixed by the Estate Officer, BASU, Patna. The amount is refundable as soon as the machinery is returned in the Bihar Animal Sciences University, Patna Godown in good and running condition after full completion of the job.
34. The contractor shall be responsible for apperup keep of the machinery under his charge and shall return the same to BASU Godown in good and sound condition. In event of loss or damage to any part, the valuable of the same is assessed by the Engineer In-charge shall be recovered by the contractor.
35. The power roller may be supplied free of cost but all cost of running and cleaning will be met by the contractor and the pay and allowances of the driver and khalasi will be recovered from the contractor @ ₹ 15/- (₹ Fifteen only) per day. A penalty of ₹ 30/- (₹ Thirty) only per day will be imposed on the contractor for keeping the roller idle.
36. any approach road necessary for carriage of building materials to site of work, will have to be constructed by the contractor at his own cost and no claim for the same will be entertained by the department.
37. The contractor shall keep at site such implements to cost the soundness of material etc. at site. Moulds for making concrete cubes, steel comes for slump test etc. shall be kept at site and the cost of making them shall be borne by the contractor and no claim for the same will be tenable. He shall also provide and mark all arraignment at his cost for collecting, preparing and forwarding required number of samples for test and analysis at such time and such places or places as directed by the Engineer I/C and full payment of R.C.C. work shall be made only on satisfactory test result.
38. The department will not hold itself responsible if the work has be stopped at any stage of progress due to reasons beyond the control of the department and no claim will be entertained for the same.
39. The Government materials issued to the contractor for the work shall be properly looked after and guarded against theft, pilferage and losses due to fire etc. and for such any loss, the responsibility shall entirely rest with the contractor.
40. The contractor shall compy sufficient number of skilled and experienced labours to the job in order to achieve proportionate time given for the work during, execution of work, if his any mason or labour is found avoiding instructions to follow, shall be turn out at once from the work site.
41. Good and approved quality of lime should be used and samples may be got approved before use in works.
42. In all R.C.C. and R.C.C. works, pakur or Manpur stone chips and some sand of specified size grade and quality confirming to the Indian standard specification no. 456-964 shall be used. The bricks to be used in all brick works shall confirm requirement of relevant I.S. Code.
43. In case of T.L. Inverted or Rectangular beams, only the rib portion projecting or below the slab shall be insured for payment purpose.
44. The jamb and soffit of the door and windows openings should be smooth, true to plumb and suitable spaces will have to be left for receiving W.I. clamps as per direction of Engineer In- Charge for which no claim shall be entertained.
45. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
46. The N.I.T. special conditions and other condition attached with the bill quantity will form intergral part of the contract document and should be dully signed by the tendered on each page as taken of acceptance while submitting the tender for the work.
47. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
48. Suitable recess for fixing claps for doors and window, Jali work and railings whenever required, shall have to be provided by the contractor in brick walls, R.C.C. columns and R.C.C. roof as per direction of Engineer I/C without any cost.
49. The Engineer in-charge will have full powers to inquire the removal, from the premises of the site, of all materials which in his opening are not in accordance with, specification and in case of default the Engineer. I/C is at liberty to sell such inferior material at the contractor's cost and risks.
50. For purpose of payment of brick works; 19 on thick walls done with new size of bricks as per latest I.S.I specification shall be measured as 8" (Eighth inches) thick.

51. The teak wood and salwood shall be well seasoned and free from dead knots and other timber defects for the manufacture of frames and shutters and should be got approved before use in the works.
52. Fittings and fixtures for doors and windows etc, shall be got approved by the Estate Officer well in advance before use in work. The approved fittings and fising fixtures shall be mounted on a wooden board and always kept at site of work open or inspection and one such mounted board will be deposited in the office of the Estate Officer at the contractors cost.
53. Where not otherwise specified 1/8" thick plain glass panes weighting 2400 per fit (now 7.5 Kg per sqm only) shall be used in all glazed shutter
54. The contractor shall offer all facilities to the departmental officers for supervision, taking measurements, checking of bills etc. and any damage so occurred in the process will be made good by the contractor at his own cost.
55. In on account bills of the contractors, the maximum rate of any item of work for payment not included in the agreement, will be the BASU, Patna Schedule rates of work fixed time to time. In case BASU not having their own schedule of rates, the schedule rate of work of S.B./C., P.W.D. may be followed.
56. Om case any item of work not covered by Bihar Animal Sciences University, Patna or P.W.D. / B.C.D schedule of rates may be paid as per actual analysis of rates obtained from the local market.

(a) The methodology and equipment to be used on the project shall be furnished by the contractor to the Engineer-in-charge well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.

(b) The Contractor shall give a trial run of the equipment for establishing its capability to achieve the laid down specifications and tolerance to the satisfaction of the Engineer-in-Charge before commencement of work if so desired by the Engineer-in-Charge.

(c) All equipment provided shall be of proven efficacy and shall be operated and maintained at all times in manner acceptable to the Engineer-in-Charge.

(d) No equipment or Technical personals will be removed from site without permission of the Engineer-in-Charge.

57. Contractor shall submit the details of technical personnel available with their firm as per format given below:-  
Qualifications and experience of key personnel required for administration and execution of the contract (Attached biographical date.

Position	Name	Qualification	Year of Experience in the proposed position
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58. Tenderer must inspect the site before filling the tender.
59. It will be presumed that the tenderer has carefully examined the bill of quantity, specification, condition, approved quarries, roads, ghats, site etc. complete and have satisfied himself as to the nature, extent of the liability of the work road approaches, means of communication and access to the site, availability of labour in connection with the completion of the work. No claim either for cost or for extension of time will be entertained on any one of these or similar ground. Delay in allotment of wagons shall not be a ground for time extension.
60. Quantities mentioned in the bill of quantities may decrease or increase.
61. In case of successful tender, the amount of the earnest money will be transferred to the initial security deposit and balance amount will be deposited by the contractor to cover up five percent security deposit before execution of the agreement. The total deposit shall be ten percent of his tender amount and the remaining five percent will be deducted from running bills.
62. No claim will be entertained for any increase in Railway Freight, fluctuation of rate for labour and materials in the market, if any, during the progress of work.
63. The rate to be quoted by the tenderer in terms of percentage in total estimated amount will be inclusive of the cost of materials transport charges up to the work site with loading unloading stacking & removing unserviceable materials involved at various works site, royalty and all type of State and Central Taxes. The complete rate as above only will be considered by the department.
64. Quoting rate for each item separately will be liable for rejection unless otherwise specifically asked for.
65. Conditional tender shall be outright rejected.

66. In the event of the tender being submitted by a firm it must be signed by each member or by a person holding the power of attorney authorizing him to do so.
67. No claim shall be entertained due to rise in price of lubricants and spare parts of vehicles or in taxes by Govt. or cost of labour or any materials or other cost.
68. The terms and conditions stated in the detailed tender documents together with the F2 condition shall form the part of the Agreement.
69. The Contractor shall have to abide by the Labour Act and Minimum Wages Act, MVI Act, forced in the area duly revised from time to time.
70. The Contractor will provide necessary facilities to the labourers and insurance coverage as per rules.
71. The Contractor shall make adequate arrangement for the safety of the labourers during execution of the works. He will be responsible for accident if occurs at his works site. Adequate compensation for the same will have to be paid by him as decided by competent authority.
72. No claim for non-availability or delay in supply of departmental materials, if any, shall be entertained.
73. The Contractor will be responsible for return of the Govt. machinery in good condition and will pay for its maintenance repair, Hire Charge for idle or repair period shall be payable by the Contractor.
74. In the event of any loss of the Govt. articles the value of the articles shall be recoverable from the contractor.
75. The contractor shall rectify at his own cost in case the work is found to be defective during checking & liability period.
76. It will be the responsibility of the contractor to pay royalty of mines materials. The contractor shall submit form "M" and "N" duly filled as per "Bihar" Mines and Mineral Act, 1972 or revised by the Govt. as the case may be.
77. The Contractor shall display a signboard at work site about the work as on the format prescribed by Engineer-in-Charge.
78. All old electrical fitting items (wiring , DBs, switch board, cable, pipes, etc.) will be dismantling by the contractor and some should be safely handed over to estate office without any cost .

Estate officer  
Bihar Animal Sciences University Patna -14