

NAME OF WORK: Repair and Renovation of Physiology Class room & ELT Class Room at BVC under B.A.S.U., Patna for the year 2019-2020.

Tender amount: ₹ 7,19,715 /-

Cost of BOQ: ₹ 1,250/-

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

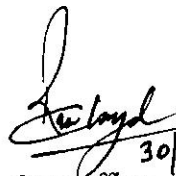
Name of Agency: _____

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

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 22.11.2019 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 21.11.2019. 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 COMPTRROLLER, 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 **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. 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.
8. 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.
9. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
10. 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.
11. Amount of Estimate: ₹/-
Earnest Money: ₹/-
Time of Completion:/-
Conditional tenders may be rejected.

12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
18. 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.
19. The contractor employing trucks for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
20. In the case of L.S. Tenders contractors should clearly write both in figures and words.
21. 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.
22. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
23. "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.
24. 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.
25. Registered contractors of Class-IV category of the P.W.D having satisfactory records of work will be allowed to tender for the work. The category of contractor should be appropriate as per prevailing state rules and PWD code.
26. The sealed tender(s) (with Tender Document for NIT Number marked on top of the envelope) should be sent through Speed Post only to mailing address

To,
Estate Office,
Bihar Animal Sciences University,
P.O. - Bihar Veterinary College Campus,
Patna-800 014.


30/X/2019
Estate officer,

Bihar Animal Sciences university, Patna

Bill of Quantity for Repair and Renovation of Physiology Class room & ELT Class Room at BVC under B.A.S.U., Patna for the year 2019-2020

Estimated Cost :- Rs. 7,19,715=00	E.M. to be deposited :-	₹ 14400=00
Last Date of downloading tender paper:- 21.11.2019 upto 5:00 p.m.	Cost of B.O.Q :-	₹ 1250=00
Last Date of Receiving Tender :- 22.11.2019 upto 3:00 p.m.	Time of Completion :-	45 Days

Sl.No.	Item of Work	Quantity unit	Rate	Amount
(1). Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)				
14.1.2		29.00 m ² @	213.30 /m ²	₹ 6186=00
(2). Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Sal wood				
9.1.2		0.148 m ³ @	87862.50 /m ³	₹ 13004=00
(3). Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)				
9.53		12 no @	106.60 /each	₹ 1279=00
(4). Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required. In gratings, frames, guard bar, ladders, railings, brackts. gates & similar works.				
10.32.2		167.32 Kg @	88.80 /Kg	₹ 14858=00
(5). Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). 2nd Class Teak wood				
9.1.1		0.202 m ³ @	95749.10 /m ³	₹ 19341=00
(6). Renewing glass panes, with putty and nails wherever necessary:				
14.5.1 Float glass panes weighing 10 kg/m ² (4mm thick		18.99 m ² @	620.30 /m ²	₹ 11779=00



- (7). Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / aneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately. For fixed portion

21.1.1	94.50 Kg @	369.20 /Kg	₹ 34889=00
<p>(8). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)</p>			
21.1.2.1	13.65 Kg @	423.90 /Kg	₹ 5786=00
<p>(9). Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.</p>			
21.2.2	0.88 m ² @	894.40 /m ²	₹ 787=00
<p>(10). Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):</p> <p>With float glass panes of 5.5 mm thickness</p>			
21.3.2	11.42 m ² @	1,017.30 /m ²	₹ 11618=00
<p>(11). Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete</p>			
9.48	540.75 Kg @	122.90 /Kg	₹ 66458=00
<p>(12). Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works</p>			
13.82.1	28.72 m ² @	74.50 /m ²	₹ 2140=00



(13). Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).	9.18.125 mm thick	11.43 m ² @	1,363.40 /m ²	₹ 15584=00
(14). Demolishing cement concrete including disposal of material within 50 metre lead: 1:3:6 or richer mix	15.2.1	4.224 m ³ @	807.20 /m ³	₹ 3410=00
(15). Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:	15.7.4	2.27 m ³ @	685.10 /m ³	₹ 1555=00
(16). Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand) Extra for Brick work in superstructure above plinth level upto floor V	6.1.14A + 6.3A	2.36 m ³ @	5,501.40 /m ³	₹ 12983=00
(17). Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups,including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab over 0.50 sqm	8.2.2.2	5.79 m ² @	3,699.10 /m ²	₹ 21418=00
(18). Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc., complete <u>Size</u> of Tile 60x60 cm	11.41.2	105.60 m ² @	1,520.90 /m ²	₹ 160607=00



(19). Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. <u>Size of Tile 60x60 cm</u>	11.46.2	6.04 m ² @	1,141.60 /m ²	₹ 6895=00
(20). Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches etc. complete	13.80	300.24 m ² @	8.10 /m ²	₹ 2432=00
(21). Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	13.80A.1	180.14 m ² @	82.80 /m ²	₹ 14916=00
(22). Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade . including priming coat with cement primer	13.78.2 + 13.77.3	300.24 m ² @	58.90 /m ²	₹ 17684=00
(23). Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade	13.82.3 / 13.82.4	98.32 m ² @	48.00 /m ²	₹ 4719=00
(24). Providing French Spirit Polishing including all complet job as per direction and specification.	13.101.2	138.25 m ² @	176.30 /m ²	₹ 24373=00
(25). Removing old tarfelting incl. all complete job as per direction of E/l OSR		254.45 m ² @	6.40 /m ²	₹ 1628=00
(26). 20 mm cement plaster of mix1:3(1 cement: 3 coarse sand) providing and mixing water proofing material in proportion recommended by the manufacturers:	13.13.1+ 13.36.1	76.34 m ² @	223.80 /m ²	₹ 17085=00



(27). Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/ sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5 cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147.

22.20.1

254.45 m² @ 420.80 /m² ₹ 107073=00

(28). Providing and fixing on wall face unplasticised-PVC pipes with accessories incl...job

12.78.2 110 mm dia PVC Pipe
12.79.5.2 110 mm bend

30.00 m @ ₹ 7149=00
4 no @ 124.70 /each ₹ 499=00

(29). Providing & fixing false ceiling at all heights with GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC 0.50 to 0.75 as per IS 8225:1987, Non combustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanised iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto

26.26.1

73.69 m² @ 1,384.20 /m² ₹ 102002=00

(30). Carriage of materials including all complete job

- a. Sone Sand (Lead 45 Km.)
b. Bricks Lead (1+7) Km.

7.26 m³ @ ₹ 6534=00
958 no. @ 856.35 %0 no. ₹ 820=00

(31). Extra cost of materials

- a. Bricks
b. Cement

958 no. @ 1,485.15 %0 no. ₹ 1423=00
56 bag @ 14.30 /bag ₹ 801=00

Total ₹ 719715=00

Dy. Estate Officer
B.A.S.U., Patna


Estate Officer
B.A.S.U., Patna

Fill up Given Information


- (a) Detail of Earnest money :
(b) Registration No.\ :
(Certified copy to be enclosed)
(c) Income tax clearance certificate :
(Certified copy to be enclosed)
(d) License issued by the labour Department :
(Certified copy to be enclosed)
(e) Detailed of documents attached :
(f) Name and Address of the Tenders :
(h) Signature of tenderer :
(i) Mobile No. :

I/ we execute the work at:-

- (I) Estimated / Analysed rates shown in the Bill of Quantities.
(II) (I) In word Percent above the rates shown in the bill of quantities
(II) In figure Percent above the rates shown in the bill of quantities
(III) (I) In word Percent below the rates shown in the bill of quantities
(II) 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 (P.W.D.) contract form F2 and the N.I.T. and special condition attached here with.

Name & full signature of the Tenderer


Estate Office 30/1/2019
Bihar Animal Sciences University
Patna - 14

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

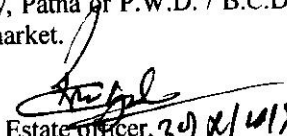
Estate Office
Bihar Animal Sciences University
Patna - 14

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. 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.
11. Quantities mentioned in the bill of quantity are approximate and the same may increase or decrease.
12. 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.
13. 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.
14. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. All shuttering and centering 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 centering and shuttering of R.C.C. column only steel plates of requisite thickness shall be used in centering and shuttering and not the wooden planks, so as to give smooth surface.
21. No claim shall be entertained for cleaning and scraping rusts and normal elements from steel issued by the department.
22. All R.C.C. works shall be designed as per latest I.S. code of practice.
23. 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.
24. 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.
25. For overall structural works except plastering clean and coarse sand shall be used. For plastering, clean and medium coarse sand shall be used and should be screened to 256 mesh in one square inch before used in work.
26. Flat iron, for making grills for window, hand rails for stair case etc. shall be procured by the tenderer himself.
27. 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.

28. 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.
29. The contractor shall remove 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.
30. 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, labours and etc. are incidental expenditures in layout of the work and shall not constitute a claim for the same.
31. The arrangements and the cost of all the store shed, labour shed, tools scaffolding water supply arrangement electric supply and building accessories shall be borne by the contractor at his cost and nothing will rest with the department. The contractor shall also provide all facilities and medical aid to the labours employed, at his cost.
32. 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.
33. 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 arrangements 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.
34. The department will not hold itself responsible if the work has been stopped at any stage of progress due to reasons beyond the control of the department and no claim will be entertained for the same.
35. 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.
36. The contractor shall comply 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 turned out at once from the work site.
37. Good and approved quality of lime should be used and samples may be got approved before use in works.
38. In all R.C.C. and R.C.C. works, Pakur or Manpur stone chips and Coarse sand of specified size grade and quality conforming 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.
39. 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.
40. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
41. The N.I.T. special conditions and other condition attached with the bill quantity will form integral part of the contract document and should be duly signed by the tenderer on each page as taken of acceptance while submitting the tender for the work.
42. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
43. Suitable recess for fixing clamps 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.
44. 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.
45. The teak wood and Sal wood 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.
46. 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 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.
47. 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
48. 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.
49. Where joints in reinforcements in all R.C.C. works cannot be avoided due to required length of steel bars, whether mild or for steel, they will be formed by over lapping to a length of 45 times the diameter and tied with 16.5 annaled soft iron wire.
50. During casting R.C.C. foundation, the foundation trenches shall be kept free from water and if necessary the water shall be pumped out for which no extra payment to contractor shall be paid.
51. 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.

52. In 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.


Estate officer, 30/11/17
Bihar Animal Sciences University, Patna