

NAME OF WORK: Renovation of M.V.Sc. Building under B.A.S.U., Patna for the year 2019-2020.

Tender amount: ₹ 14,52,482 /-

Cost of BOQ: ₹ 2,500/-

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

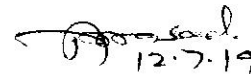
Name of Agency: _____

**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 24.07.2019 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 23.07.2019. 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 **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 works 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 stand 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 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

Bill of Quantity for Renovation of M.V.Sc. Building under B.A.S.U., Patna for the year 2019-2020

Estimated Cost :- Rs. 14,52,482=00	E.M. to be deposited :-	₹ 29100=00
Last Date of downloading tender paper:- 23.07.2019 upto 5:00 p.m.	Cost of B.O.Q :-	₹ 2500=00
Last Date of Receiving Tender :- 24.07.2019 upto 3:00 p.m.	Time of Completion :-	25 Days

Sl.No.	Item of Work	Quantity unit	Rate	Amount
13.80	(1). Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches etc. complete	6,500.02 m ² @	8.10 /m ²	₹ 52650=00
13.74	(2). Removing white or colour wash by scrapping and sand paper in and preparing the surface smooth including necessary repair scratches etc. complete	3,736.12 m ² @	6.40 /m ²	₹ 23911=00
15.56	(3). Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	558.65 m ² @	17.90 /m ²	₹ 10000=00
13.11.4	(4). 12 mm th.C.P. of mix (1:6) including all complete job	511.81 m ² @	126.20 /m ²	₹ 64590=00
13.24.2	(5). 6 mm C.P. to ceiling of mix(1:4) including all complete job	46.84 m ² @	110.90 /m ²	₹ 5195=00
9.1.2	(6). Providing wood work in frames of doors, windows, clerestory windowsand 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	0.435 m ³ @	87862.50 /m ³	₹ 38220=00
9.53	(7). 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)	64 no @	106.60 /each	₹ 6822=00



(8). Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge	14.22 m ² @	1742.10 /m ²	₹ 24773=00
9.5.2.1			
9.7.2 Klin seasoned and chemically treated hollock wood for 40,35,30,25mm thick shutters	4.27 m ² @	1414.7 /m ²	₹ 6041=00
(9). Renewing glass panes, with putty and nails wherever necessary:			
14.5.1 Float glass panes weighing 10 kg/m ² (4mm thick	12.80 m ² @	620.30 /m ²	₹ 7940=00
(10). Centring and shuttering including strutting,propping etc. and removal of form for.			
a. Suspended floors, roofs, landings, balconies and access platform.			
5.9.3	8.83 m ² @	362.60 /m ²	₹ 3202=00
b. Edges of slabs and breaks in floors and walls			
5.9.16.1	411.59 m @	100.90 /m	₹ 41529=00
(11). Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			
(i) <u>TMTC-415 8 mm dia</u>	352.43 kg @	77.40 /kg	₹ 27278=00
5.22.7 A			
(ii) <u>TMTC-500 10mm dia</u>	51.31 kg @	76.70 /kg	₹ 3935=00
5.22.7B			
(12). Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishing and reinforcement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size			
5.3	4.92 m ³ @	5,258.20 /m ³	₹ 25870=00
(13). 12 mm cement plaster of mix1:3(1 cement: 3 coarse sand) providing and mixing water proofing material in proportion recommended by the manufacturers:			
13.11.1+ 13.36.5	121.70 m ² @	161.80 /m ²	₹ 19691=00
(14). Demolishing cement concrete including disposal of material within 50 metre lead: 1:3:6 or richer mix			
15.2.1	0.256 m ³ @	807.20 /m ³	₹ 207=00



(15). Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such shades except white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete	11.38	6.40 m ² @	736.40 /m ²	₹ 4713=00	
(16). Providing & fixing 1st quality ceramic endura/Euro/Digital H.D Glazed wall tiles conforming to IS 15662 th. 8 to 10 mm tiles fixing with 12 mm CM(1:3) Job tiles size 300mm X 450mm	A.R.	S.E. SBC	213.50 sft. @	114.45 /sft.	₹ 24435=00
(17). Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm,made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	9.119	5.40 m @	462.00 /m	₹ 2495=00	
(18). 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting	9.118.2	1.87 m ² @	2,041.60 /m ²	₹ 3818=00	



(19). Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :			
18.11.1			
a. 15 mm dia nominal bore	12.20 m @	256.00 /m	₹ 3123=00
(20). Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.			
18.10.			
a. 15 mm dia nominal bore	15.00 m @	177.80 /m	₹ 2667=00
b. 25 mm dia G.I. pipe	6.00 m @	239.00 /m	₹ 1434=00
(21). Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
18.17.1			
a. 25 mm dia G.I. pipe	2 no @	461.80 /each	₹ 924=00
(22). Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :			
17.7.1			
	1 no @	2307.10 /each	₹ 2307=00
(23). Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls ndlevel white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever)conforming to IS : 7231, with all fittings and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests			
17.1.1			
	1 no @	3390.90 /each	₹ 3391=00
(24). Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :			
17.3.2			
	1 no @	4529.10 /each	₹ 4529=00
(25). Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern,with fittings, standard size C.P. brass lush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS :2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever Single half stall urinal with 5 litre P.V.C. automatic flushing cistern			
17.5.1			
	1 no @	5643.90 /each	₹ 5644=00

(26). Providing and fixing following fittings

18.65	PTMT soap Dish Holder	2 no @	122.10 /each	₹ 244=00
17.31	Mirror of superior glass	4 no @	741.90 /each	₹ 2968=00
18.53.1	C.P. brass angle valve	4 no @	512.90 /each	₹ 2052=00
18.52.1	C.P. brass stop cock (concealed)	4 no @	588.20 /each	₹ 2353=00
18.49	C.P. brass bib cock	6 no @	401.40 /each	₹ 2408=00

**(27). Constructing brick masonry road gully chamber
50x45x60 cm with bricks in cement mortar 1:4 (1
cement : 4 coarse sand) including 500x450 mm pre-
cast R.C.C. horizontal grating with frame complete
as per standard design With common burnt clay
F.P.S. (non modular) bricks of
class designation 7.5**

19.27.1		2 no @	3663.10 /each	₹ 7326=00
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**(28). Providing and fixing on wall face unplastidsed-PVC
pipes with accessories incl...job**

12.78.2	110 mm dia PVC Pipe	36.00 m @	238.30 /m	₹ 8579=00
12.79.5.2	110 mm bend	12 no @	124.70 /each	₹ 1496=00
12.79.3.2	110 mm tee	4 no @	183.10 each	₹ 732=00
12.80.2	110 mm clip	24 no @	157.37 /each	₹ 3777=00

**(29). Brick work with bricks of class designation 100A in
foundations and plinth in : Cement mortar 1:6 (1
cement: 6 coarse sand)**

6.1.14A		12.22 m ³ @	4,799.20 /m ³	₹ 58646=00
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**(30). Providing and laying cement concrete in kerbs,
steps and the like at or near ground level excluding
the cost of centring, shuttering and finishing.**

**4.4.1 1:2:4 (1 Cement :2 coarse sand :4 grade stone
aggregate 20 mm nominal size)**

		1.60 m ³ @	4151.40 /m ³	₹ 6642=00
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**(31). 12 mm cement plaster 1:3(1 cement: 3 coarse sand)
finished with a floating coat of neat cement**

Extra for providing and mixing water proofing
material in proportion recommended by the
manufacturers:

13.17.1 + 13.36.1		193.24 m ² @	199.00 /m ²	₹ 38455=00
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**(32). 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		650.00 m ² @	82.80 /m ²	₹ 53820=00
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**(33). Distempering 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		6,500.02 m ² @	58.90 /m ²	₹ 382851=00
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(34). Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)

13.46.1

3,736.12 m² @ 89.40 /m² ₹ 334009=00

(35). Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and softwood)

13.81.1+

13.82.3

954.51 m² @ 80.20 /m² ₹ 76552=00

(36). Carriage of materials including all complete job

- a. Sone Sand
- b. Stone Chips
- c. Bricks

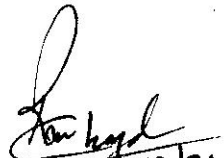
25.41 m³ @ 900.05 /m³ ₹ 22870=00
 5.79 m³ @ 1,868.80 /m³ ₹ 10820=00
 4,961 no. @ 856.35 %0 no. ₹ 4248=00

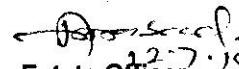
(37). Extra cost of materials

- a. Bricks
- b. Cement

4,961 no. @ 1,485.15 %0 no. ₹ 7368=00
 205 bag @ 14.30 /bag ₹ 2932=00

Total ₹ 1452482=00


 Dy. Estate Officer
 B.A.S.U., Patna
 12/7/19


 Estate Officer
 B.A.S.U., Patna
 12-7-19

Fill up Given Information

- (a) Detail of Earnest money :
(b) Registration No. \ :
(Certified copy to be enclosed)
- (c) Income tax & sale 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. :

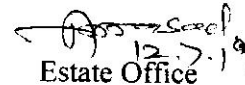
I/ we execute the work at:-

- (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

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

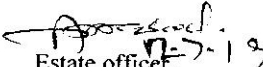
N.I.T. SPECIAL CONDITIONS

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. The contractor will be issued departmental materials as per actual requirement in stock length and size available with the department. Material 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 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.
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 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.
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. Concrete mixer/vibrator (subject to their availability with the department at the time otherwise the contractor will mark his own arrangements thereof) will be issued on the following terms and conditions.
 - a. Concrete mixer rent ₹ 9/-(Nine only) per day or part thereof for the number of days it works with the contractor.
 - b. Vibrator rent ₹ 5.50(Rupees five and paise fifty) only per day or part thereof for the number of days it remains with the contractor including idle days i.e. from the date of issue to the date of return to the Bihar Animal Sciences University, Patna Godown by the contractor.
34. Cost of running and cleaning the plants and machineries and other incidental charges in carriages from Bihar Animal Sciences University, Patna Godown to the site of the work and their return to Bihar Animal Sciences University, Patna Godown from site of work shall born by the contractor at his own cost.
 - a. Pay and allowance of the driver and khalasi @ 15/- per day working on the machineries will be borne by the contractor for the period machine remains with the contractor and necessary recovery will be made from the contractors bill.
 - b. Cost of materials such as lubricants, oil, greases, petrol, diesel, jute, etc. required during the work for the mixer, vibration and other departmental machineries if issued from Bihar Animal Sciences University, Patna stock will be recovered from the contractor at the rate fixed by the Engineer I/C and shall be binding on the contractor.
35. 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.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. Good and approved quality of lime should be used and samples may be got approved before use in works.

44. In all R.C.C. and R.C.C. works, pakur or Manpur stone chips and some 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.
45. In case of T.L. Inverted or Rectangular beams, only the rib portion projecting or below the slab shall be insured for payment purpose.
46. 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.
47. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
48. 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.
49. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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
56. 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.
57. 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.
58. 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.
59. 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.
60. 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,

Bihar Animal Sciences University, Patna