

B.O.Q. No. /Group No. 01

NAME OF WORK: Fencing with barbed wire at Krishi Vigyan Kendra, Jamui under BASU, Patna.

Tender amount: ₹ 16,37,859 /- Cost of tender paper: ₹ 5,000/- EMD:- ₹ 32,800/-

**OFFICE OF THE ESTATE OFFICER
BIHAR ANIMAL SCIENCES UNIVERSITY
(Tender Document)**

1. BASU now invites proposals from interested eligible bidders through e-procurement process for **–Fencing with barbed wire at Krishi Vigyan Kendra, Jamui under BASU, Patna for the year 2020-2021.**
2. The bidder shall submit his response through Bid online submission to the tender on e-Procurement portal at <https://www.eproc.bihar.gov.in/BELTRON> by the procedure given below:
3. The bidder must have the DSC/PKI and user id of the e-procurement website before participated in the e-tendering process. The bidder may use their DSC/PKI if they already have the DSC/PKI. They can also take it from any of the authorized agencies or they may contact on our e-procurement help desk. For user id they can get registered on e-procurement website <https://www.eproc.bihar.gov.in/BELTRON> by paying annual registration fee. Offline bids shall not be entertained by the Tender Inviting Authority for the tenders published in e-procurement platform.
4. The bidders shall submit their eligibility and qualification details, Technical bid, Financial bid etc., in the online standard formats given in e-Procurement web site by uploading scanned copies of all the relevant certificates, documents etc., technical bids in the e-Procurement web site <https://www.eproc.bihar.gov.in/BELTRON>. The bidder shall sign on the statements, documents, certificates, uploaded by them, owning responsibility for their correctness/authenticity.
5. All the required documents will be attached at the proper place as mentioned in the e-forms otherwise the tender will be rejected.
6. The tender opening will be done online only. Any corrigendum, date extension notice and evaluation of technical Bid will be given on the BASU and e-procurement website only.
7. For support related to e-tendering process, bidders may contact at following address:
“e- Procurement HELP DESK First Floor, M/22, Bank of India Building, Road No-25, Sri Krishna Nagar, Patna- 800001. Ph. No: 0612-2523006, Mob- 7542028164” or may visit the link “Vendor Info” at (<https://www.eproc.bihar.gov.in>).
8. 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.
9. Earnest money in any form as prescribed in rule 161 of the revised PWD code and duly endorsed/pledged to the **ESTATE OFFICER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA** can be in any of the following shape or combination thereof
 1. Fixed deposit receipt of Nationalized/ Scheduled Bank and valid for the six months after last date of receipt of tender.
 2. Post Office/ Saving Bank Passbook.
 3. One, Two- or Three-year's post office time deposit.
 4. NSC issued within the state of Bihar
 5. 5 years National Development Bond.
 6. State Development Loan Certificate.

The above instruments shall remain valid for the minimum period of six months after last date of receipt of tender.

10. (a) A scanned copy of the instruments for Earnest Money as described in clause 10 & 11 above to be uploaded along with the tender documents.
(b) In respect of 10(a) the bidder shall also upload details of the instruments including amount, date, serial no., bank on which drawn, office in favour of whom it is drawn/pledged and the place where they are payable.
11. Bidder/Contractors can access tender documents on the website and must fill and submit the completed tender document into Electronic form on the website itself. Bidders/Contractors shall attach scanned copy of all required papers, DD and certificates as required in the eligibility criteria. All the uploaded documents shall have the signature of the Bidder or their authorized signatories. The scanned copy should be of the original papers and the certificates.
12. As per RCD letter no 3987(s), dated 28.04.2012, tenderers will have to declare by affidavit that they have not been declared defaulter or blacklisted by any State Government/Central Government/ Public Undertaking. If such affidavit is subsequently found to be false, their tender shall not be considered and further legal action shall be initiated.
13. As per RCD letter no 3407 (s) dated 18.03.2011 it is mandatory for bidders to upload an affidavit to the effect that they are not ineligible to participate in the tender.
14. In the unlikely event of the server for www.eproc.bihar.gov.in being down for more than two consecutive hours (in the period from midnight to closing time for receipt of tenders) on the last date of receiving of bid, the last date of the same shall automatically be extended to next working day till the last receiving time stipulated in the original NIT.
15. The bidders are requested to check their file size of uploaded documents at the time of submission and they should ensure that work file is uploaded. If they feel that the complete file is not uploaded then they should click on cancel and updated the same before submission. The Bidders should satisfy themselves of download ability/visibility of the scanned and uploaded file by them.
16. The bidders are directed to Zip their files using WinZip or Win RAR Software only. Other formats of Zipping will not be accepted and will be rejected.
17. The bidder must use MS Office-2003 or lower version.
18. File size should be less than 5MB and should be in MS Word, Ms Excel, PDF and JPEG formats.
19. No claim shall be entertained on account of disruption of internet service being used by bidders. Bidders are advised to upload their bids well in advance to avoid last minute technical snags.
20. 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 as per RCD notification no. 447(s) dated 16.01.2020.
21. Bids along with necessary online payments must be submitted through e- procurement portal www.eproc.bihar.gov.in before the date and time specified in the NIT, The Department doesn't take any responsibility for the delay Non-submission of Tender/Non- Reconciliation of online payment cause due to Non-availability of Internet connection, Network Traffic/Holidays or any other reason.
22. 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, (last three years) 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.
23. 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.
24. Conditional tenders may be outright rejected.
25. 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.
26. 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.
27. No. claim for idle labours due to stoppage of work non supply of materials, drawing and designs or delay due to any other reasons shall be entertained.
28. 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.
29. 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.

30. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
31. The contractor employing trucks for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
32. In the case of L.S. Tenders contractors should clearly write both in figures and words.
33. 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.
34. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
35. Registered local contractors of appropriate category of PWD/ CPWD 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.



Estate of 02/01/2021

Bihar Animal Sciences university, Patna

Bill of Quantity for Fencing with barbed wire at Krishi Vigyan Kendra, Jamui under BASU, Patna for the year 2020-2021

Estimated Cost :- Rs. 1637859=00	E.M. to be deposited :-	₹ 32800=00
Last Date of downloading tender paper:- 06.02.2021 upto 5:00 p.m.	Cost of B.O.Q :-	₹ 5000=00
Last Date of Uploading Tender :- 08.02.2021 upto 5:00 p.m.	Time of Completion :-	45 Days

Sl.No.	Item of Work	Quantity unit	Rate	Amount
	(1). Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m			
2.8.1		101.57 m ³ @	360.70 /m ³	₹ 36636=00
	(2). Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.			
2.28		12.70 m ³ @	281.40 /m ³	₹ 3574=00
	(3). Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,			
11.72		166.66 m ² @	285.20 /m ²	₹ 47531=00
	(4). 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. 1:2:4(1 cement: 2 coarse sand:4 graded stone aggregate 20mm nominal size)			
5.2.3		2.32 m ³ @	5,097.30 /m ³	₹ 11826=00
	(5). Centring and shuttering including strutting,propping etc. and removal of form for.			
	a. Columns,Pillars, Piers, Abutments, Posts and Struts 5.9.6	10.41 m ² @	470.60 /m ²	₹ 4899=00
	(6). Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			
(i)	<u>TMTC-500 10mm dia</u>	73.72 kg @	69.20 /kg	₹ 5101=00
5.22.7B				
(ii)	<u>TMTC-500-8mm dia</u>	60.98 kg @	70.60 /kg	₹ 4305=00
5.22.7 A				
	(7). 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)	74.65 m ³ @	3953.40 /m ³	₹ 295121=00

d

(8). Providing and fixing M.S. angle 50x50x5 mm to act as nosing with tugs of M.S. flat 10x5 mm 10 cm long forked at end 60 cm apart (minimum 3 lugs to be provided) including necessary welding and applying a priming coat of approved primer on exposed surfaces etc. complete			
11.35	6,677.55 Kg @	91.20 /Kg	₹ 608993=00
(9). Drilling 6mm Dia. In M.S. angle iron for fixing of staples etc. as per building specification and direction of E/I.			
10.33.6	6248 no @	8.50 /each	₹ 53108=00
(10). Supplying galvanised barbed wire including all complete job Code 1029 + C.P. 15% + 1%L.S. + 12 % GST			
	2,112.55 Kg @	71.55 /Kg	₹ 151153=00
(11). Labour for fitting and fixing barbed wire fencing in six rows horizontal up to a height of 1.85m and two diagonals including fixing of post in cement concrete at 2.5m centres including cost of staples (but excluding the cost of cement concrete, angle, iron post, its cutting and making holes, nuts & bolts) all complete as per building specification and direction of E/I.			
10.33.5	1830.00 m @	69.90 /m	₹ 127917=00
(12). 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			
9.48.2	360.00 Kg @	135.10 /Kg	₹ 48636=00
(13). 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 galvanised iron/steel works			
13.81.3+ 13.82.1	302.37 m ² @	112.70 /m ²	₹ 34077=00
(14). Labour for clearing jungle & site clearance inc.all complete job			
0L01 Labour	60 no @	373.35 /each	₹ 22401=00
(15). Carriage of materials including all complete job			
a. Sone Sand (Lead 45 Km.)	34.19 m ³ @	899.20 /m ³	₹ 30744=00
b. Stone Chips (Lead 110 Km.)	68.38 m ³ @	1,868.98 /m ³	₹ 127801=00
c. Bricks Lead (1+7) Km.	5,380 no. @	878.15 %0 no.	₹ 4724=00
d. Local Sand (Lead 3 Km.)	15.20 m ³ @	260.69 /m ³	₹ 3962=00
(16). Extra cost of materials			
a. Bricks	5,380 no. @	1,639.10 %0 no.	₹ 8818=00
b. Cement	493 bag @	13.25 /bag	₹ 6532=00
		Total	₹ 1637859=00



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

TENDER FORM

To,

The Estate Officer,
Bihar Animal Sciences University, Patna-14

Subject: Tender Notice No.:

Sir,

I have gone through the bill of quantity and terms & conditions laid down in the tender documents and accept the same.

I am hereby submitting the technical bid and enclosing the documents as per details given below:

TECHNICAL BID		Yes/No
1	Registered contractor of Govt. of Bihar/C.P.W.D for appropriate category	
2	Cost of B.O.Q. (Non-refundable) to be deposited through Demand Draft in favour of the Finance Comptroller, BASU, Patna. Payable at Patna	
3	EMD Pledged in favour of the Estate Officer, BASU, Patna.	
4	PAN No./ Certificate	
5	GST No. / GST Certificate	
6	Latest Income Tax Return Acknowledgement Receipt	
7	Experience, they have with details of works and its locations.(Last Three Years)	
8	All the documents should be Self-Attested	
9	The bidder has to submit the affidavit regarding genuineness and non-black listed paper from notary	
FINANCIAL BID		
1	Bill of Quantity.	
2	Quoted rate on giving prescribed format (Fill up given information).	
3	Common set of condition.	

Certified that each and every page of the tender documents are serially numbered and signed by me.

Yours faithfully,

Nature and Name of the authorized Signatory with seal

Designation
Name of the firm (Tenderer)



TECHNICAL BID

1. (a) Name of the Tenderer:

(b) Registration No. :

2. Address of Tenderer

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

3. Telephone No.:

4. Mobile No.:

5. Fax No.:

6. e-mail Address:.....

7. (a) Details of Cost of B.O.Q. :.....

(b) E.M.D. Details :

8. Bank details of the bidder:.....

Name of Account Holder:.....

Name of Bank:.....

Bank Account No.:.....

IFSC & MICR Code:.....

Address of the Bank:.....

I am enclosing duly signed Technical specification of the items offered in response of this Bid.

Seal & Signature of Bidder



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. Tender specifying certain percentage above or below the tender amount and other conditions in connection with the tender will not be given any consideration. Only tenders put in the prescribed form will be considered. Tenders containing percentage above or below the total tendered amount or estimated amount will be summarily rejected.
6. The tenderers should acquaint themselves with the work and working conditions of the site locality and no claim will be entertained on this issue.
7. 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.
8. The contractor's responsibility for the construction shall commence from the date of issue of work order
9. The contractor shall study the specification, drawings and design carefully before submitting the tender
10. 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.
11. 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.
12. 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.
13. Quantities mentioned in the bill of quantity are approximate and the same may increase or decrease. Nothing extra bill be paid for such increase or decrease in quantity of various item of works.
14. 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.
15. 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.
16. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. Lime concrete intended for terrace work over R.C.C. slab roof shall also machine mixed.
23. 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.
24. No claim shall be entertained for cleaning and scraping rusts and normal elements from steel issued by the department.
25. If during execution of work, any item which is provided in the bill of quantity, 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.
26. 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.
27. 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.

- (16)
28. Flat iron, for making grills for window, hand rails for stair case etc. shall be procured by the tenderer himself.
 29. 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.
 30. 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.
 31. 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.
 32. The site should be cleaned of all rubbishes, leveled and dressing as directed by the Engineer In-charge and shall prepare for layout works. 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.
 33. 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.
 34. Concrete mixer/vibrator will arranged by the contractors.
 35. 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.
 36. 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.
 37. 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.
 38. 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 turn out at once from the work site.
 39. Good and approved quality of lime should be used and samples may be got approved before use in works.
 40. In all R.C.C. and R.C.C. works, pakur or Manpur stone chips and coarse 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.
 41. In case of Inverted or Rectangular beams, only the rib portion projecting or below the slab shall be insured for payment purpose.
 42. 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.
 43. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
 44. 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.
 45. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
 46. 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.
 47. 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.
 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 can not 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
 Bihar Animal Sciences University, Patna