

Group No. 01 Renovation /Construction of Vermicompost unit at PRTC under BASU, Patna for the year 2023-2024.

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

NAME OF WORK: Renovation /Construction of Vermicompost unit at PRTC under BASU, Patna for the year 2023-2024.


Tender amount: ₹ 2,59,942/-

Cost of BOQ: ₹ 750/-

EMD:-₹ 5,500/-

Name of Agency: _____

1. Tenders in closed envelope on plain paper to be eventually drawn in U.E. Form 61 No. F2/K2/H will be received upto 15:00 hours upto 01.12.2023 through Speed Post/Courier/In person by the undersigned and will be opened in presence of the tenderers or their authorized agents.
2. The bill of quantity will be downloaded from university website www.basu.org.in upto 17:00 hrs on or before 30.11.2023. 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 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 in accordance with RCD notification no. 447(s) dated 16.01.2020 in compliance of order of Hon'ble High Court, Patna pronounced in CWJC No. 9941/2022 dated 06.07.2023.**
7. 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.
8. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
9. After approval of rates by the competent authority the contractor shall have to deposit the initial Security money in shape of N.S.C. within 10 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.
10. 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.
11. 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.
12. The Contractor shall arrange necessary site for accommodation and other facilities like medical aid etc. for his labours at his own cost and initiative as well as will comply with all labours rules prevalent in the locality.
13. 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.
14. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
15. The contractor employing trucks for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
16. 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.
17. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
18. No. work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer In Charge in writing.
19. Registered Class IV Contractors of the P.W.D (R.C.D. & B.C.D.), 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 /Construction of Vermicompost unit at PRTC under BASU,
Patna for the year 2023-2024**

Estimated Cost :- Rs.2,59,942 =00	E.M. to be deposited :-	₹ 5500=00
Last Date of downloading tender paper:- 30.11.2023 upto 5:00 p.m.	Cost of B.O.Q :-	₹ 750=00
Last Date of Receiving Tender :- 01.12.2023 upto 3:00 p.m.	Time of Completion :-	30 Days

Sl.No.	Item of Work	Quantity unit	Rate	Amount
(1).	Labour for Garbage removal & site clearance inc.all complete job			
0L01	Labour (Helper)	5 no @	398.05 /each	₹ 1990=00
(2).	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 excavted soil and disposal of surplus excavated soil as directed, within a lead of 50 m.			
2.6.1		1.84 m ³ @	314.90 /m ³	₹ 579=00
(3).	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.			
2.28		14.66 m ³ @	281.40 /m ³	₹ 4125=00
(4).	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		36.79 m ² @	283.30 /m ²	₹ 10423=00
(5).	Centring and shuttering including strutting, propping etc. and removal of form for.			
a.	Foundations, footings, bases of columns			
5.9.1		16.240 m ² @	186.30 /m ²	₹ 3026=00
b.	Walls (any thickness) including attached pilasters, Butteresses. plinth and string courses etc.			
5.9.2		1.860 m ² @	321.30 /m ²	₹ 598=00
(6).	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>	49.86 kg @	77.40 /kg	₹ 3859=00
5.22.7 A				
(ii)	<u>TMTC-500 10 mm dia</u>	107.37 kg @	76.70 /kg	₹ 8235=00
5.22.7B				
(7).	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level 1:2:4(1 cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)			
5.1.3		2.51 m ³ @	4,902.30 /m ³	₹ 12305=00
(8).	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		3.92 m ³ @	4,819.90 /m ³	₹ 18894=00

(9). Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete: Hot finished welded type tubes			
10.16.1	780.24 Kg. @	123.90 /Kg.	₹ 96672=00
(10). providing and fixing bolts upto 300 mm in length including nuts and washers complete			
10.20	37.17 Kg. @	104.60 /Kg.	₹ 3888=00
(11). Providing & fixing 0.63 mm th. G.S. Sheet / 0.45 mm th. Durashine Sheet/ roofing including all complete job			
12.1.3	44.61 m ² @	1,257.30 /m ²	₹ 56088=00
(12). Providing ridges or hips of width 60 cm over all width plain G.S. sheet fixed with polymer coated J. Or L hooks . Bolts and nuts 8 mm dia. G. I. limpet and bitumen washers complete			
12.6.2	7.32 m @	527.70 /m	₹ 3863=00
(13). Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing.			
4.1.3 1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)			
	2.72 m ³ @	3998.10 /m ³	₹ 10875=00
(14). 12 mm cement plaster 1:3(1 cement: 3 coarse sand) finished with a floating coat of neat cement			
13.17.1	81.10 m ² @	203.60 /m ²	₹ 16512=00
(15). Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: New steel work (two or more coats)			
13.82.1	14.76 m ² @	83.50 /m ²	₹ 1232=00
(16). Carriage of materials including all complete job			
a. Sone Sand (Lead 45 Km.)	4.95 m ³ @	1,134.70 /m ³	₹ 5617=00
b. Stone Chips (Lead 110 Km.)	4.65 m ³ @	2,427.53 /m ³	₹ 11288=00
c. Local Sand (Lead 3 Km.)	15.21 m ³ @	283.32 /m ³	₹ 4309=00
(17). Extra cost of materials			
a. Cement	55 bag @	13.13 /bag	₹ 722=00
(18). Less Cost of Bricks i.e. To be supplied departmentally			
a. Bricks	3,124 no. @	4,852.00 %0 no.	-₹ 15158=00

Total ₹ 259942=00


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

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To,

The Estate Officer
Bihar Animal Sciences University
Patna 800 014

(a)	Name of the bidder/firm Address of the bidder Mobile No.	
(b)	Registration No.(Class IV) (copy to be enclosed)	
(c)	Detail of Cost of BOQ (In favour of FINANCE COMPTROLLER, BASU, PATNA) D.D. No. Date of Issue Bank Name	
(d)	Detail of Earnest money	
(e)	PAN No. (copy to be enclosed)	
(f)	GST No. (copy to be enclosed)	
(g)	Latest IT acknowledgement certificate (copy to be enclosed)	
(h)	Character Certificate (copy to be enclosed)	
(i)	Affidavit from Notary (in Original)	
(j)	Signature of tenderer	

I/ we shall execute the work at:- (Fill the appropriate information below & Strike the rest two)

(I) (a)(Estimated / Analysed) rates shown in the bill of quantities.

(II) (a)(In word) Percent above the rates shown in the bill of quantities

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

(III) (a)(In word) Percent below the rates shown in the bill of quantities

(b) (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

1) No. of Cutting

2) No. of over writing

3) Rate quoted

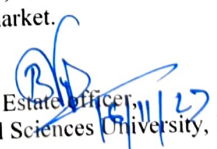

Estate Office
Bihar Animal Sciences University
Patna - 14

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 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.

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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 pages stradingsalabours and etc. are incidental expenditures in layout of the work and shall not constitute a claim for the some.
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 noting will rest with the depart. 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 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.
34. 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.
35. In all R.C.C. and R.C.C. works, stone chips and some sand of specified size grade and quality confirming to the Indian standard specification no. 456-964 shall be used. The bricks to be used in all brick works shall confirm requirement of relevant I.S. Code.
36. 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.
37. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
38. 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.
39. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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