

B.O.Q. No. /Group No. 02

NAME OF WORK: Extension of First Floor (North & South side) of Admin building at B.A.S.U., Patna (Civil & Electrical Wroks).

Tender amount: ₹ 28,39,524 /- Cost of tender paper: ₹ 5,000/- EMD:-₹ 56,800/-

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


1. BASU now invites proposals from interested eligible bidders (registered Govt. Contractor for civil alongwith electrical license issued from competent authority) through e-procurement process for **–Extension of First Floor (North & South side) of Admin building at B.A.S.U., Patna (Civil & Electrical Works).**
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. NSF 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.

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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.LabourCess 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 officer, 06/11/2024

Bihar Animal Sciences university, Patna

**Bill of Quantity for Extension of 1st Floor (North & South side) of Admin building at
B.A.S.U., Patna.(for Civil & Electricals work)**

Estimated Cost :- Rs. 28,39,524=00	E.M. to be deposited :-	₹ 56800=00
Last Date of downloading tender paper:- 06.02.2021 upto 05:00 p.m.	Cost of B.O.Q :-	₹ 5000=00
End Date of uploading Tender :- 08.02.2021 upto 5:00 p.m.	Time of Completion :-	180 Days

Sl.No.	Item of Work	Quantity unit	Rate	Amount
(1). Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:				
15.7.4		6.33 m ³ @	773.50 /m ³	₹ 4896=00
(2). 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		37.14 m ³ @	5,209.00 /m ³	₹ 193462=00
(3). Centring and shuttering including strutting,propping etc. and removal of form for.				
a. Columns,Pillars, Piers, Abutments, Posts and Struts 5.9.6		334.58 m ² @	470.60 /m ²	₹ 157453=00
(4). 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>		928.50 kg @	70.60 /kg	₹ 65552=00
5.22.7 A				
(ii) <u>TMTC-500 10mm dia</u>		1299.90 kg @	69.20 /kg	₹ 89953=00
5.22.7B				
(iii) <u>TMTC-500-12mm dia.</u>		1114.20 kg @	67.60 /kg	₹ 75320=00
5.22.7C				
(iv) <u>TMTC-500 16 mm dia</u>		371.40 kg @	68.50 /kg	₹ 25441=00
5.22.7D				
(5). 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		179.76 m ² @	231.30 /m ²	₹ 41578=00
(6). 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		68.59 m ³ @	5,641.00 /m ³	₹ 386916=00
(7). 12 mm th.C.P. of mix (1:6) including all complete job				
13.11.4		906.13 m ² @	134.50 /m ²	₹ 121874=00

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(8). Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.			
13.80A.2	906.13 m ² @	102.10 /m ²	₹ 92516=00
(9). Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade . New work (two or more coats) over and including priming coat with cement primer			
13.77.2	619.17 m ² @	97.20 /m ²	₹ 60183=00
(10). 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	286.96 m ² @	127.20 /m ²	₹ 36501=00
(11). Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) 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 of Tile 60x60 cm</u>			
11.47.2	141.50 m ² @	1,731.40 /m ²	₹ 244993=00
(12). 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	21.23 m ² @	1,309.50 /m ²	₹ 27801=00
(13). Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy , bottle green , black of any size as approved by Engineer-in-charge in skirting , risers of steps and dados over 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.			
11.36	45.15 m ² @	797.50 /m ²	₹ 36007=00

(14). Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist 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 motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete	11.38	12.20 m ² @	783.70 /m ²	₹ 9561=00
(15). Providing & fixing Stainless Steel grills etc. including all complete job	N.S.	32.00 m @	2500.00 /m	₹ 80000=00
(16). 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	0.240 m ³ @	94881.90 /m ³	₹ 22772=00
(17). 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	36 no @	123.20 /each	₹ 4435=00
(18). Providing and fixing ISI marked flush-door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters 35 mm thick including stainless steel butt hinges with necessary screws	9.20.1	9.02 m ² @	2,811.50 /m ²	₹ 25360=00
(19). 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	487.62 Kg @	135.10 /Kg	₹ 65877=00

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(20). 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

183.03 Kg @ 382.40 /Kg ₹ 69991=00

(21). 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):

With float glass panes of 5.5 mm thickness

21.3.2

20.41 m²@ 1,110.20 /m² ₹ 22659=00

(22). 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

15.30 m @ 366.10 /m ₹ 5601=00

<p>(23). 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</p>	9.118.2	5.23 m ² @	1,835.80 /m ²	₹ 9601=00
<p>(24). Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.</p>	9.51.2	22.68 m ² @	626.60 /m ²	₹ 14211=00
<p>(25). 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	31.58 m ² @	80.30 /m ²	₹ 2536=00
<p>(26). Providing and fixing G.I. pipes complete with G.I. fittings and clamps</p>	18.10.3	30.00 m @	355.10 /m	₹ 10653=00
<p>a. 25 mm dia G.I. pipe</p> <p>(27). 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 :</p>	18.11.1	18.30 m @	302.70 /m	₹ 5539=00
<p>a. 15 mm dia nominal bore</p>				
<p>(28). Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :</p>	18.49	6 no @	419.00 /each	₹ 2514=00
<p>(29). 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 :</p>	17.3.2	4 no @	5274.80 /each	₹ 21099=00

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- (30). 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 flush 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 required :

Single half stall urinal with 5 litre P.V.C. automatic flushing cistern

17.5.1

4 no @ 6170.60 /each ₹ 24682=00

- (31). 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 :
- Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.

17.7.1 + 17.8

4 no @ 3959.00 /each ₹ 15836=00

- (32). Providing and fixing following fittings

18.53.1 C.P. brass angle valve

12 no @ 532.00 /each ₹ 6384=00

18.65 P.V.C. waste pipe for sink or wash basin

8 no @ 101.10 /each ₹ 809=00

17.73.1 Connection Pipe 45 mm

8 no @ 83.00 /each ₹ 664=00

17.31 Mirror Oval shape 450x350 mm

4 no @ 918.50 /each ₹ 3674=00

18.49 PTMT soap Dish Holder

4 no @ 130.50 /each ₹ 522=00

18.52.1 stop cock concealed

6 no @ 606.30 /each ₹ 3638=00

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

12.78.2 110 mm dia PVC Pipe

36.00 m @ 252.60 /m ₹ 9094=00

12.79.5.2 110 mm bend

14 no @ 129.80 /each ₹ 1817=00

12.79.3.2 110 mm tee

5 no @ 191.20 each ₹ 956=00

12.80.2 110 mm clip

16 no @ 174.06 /each ₹ 2785=00

- (34). Providing and fixing pressed steel door confirming IS code 4351 manufactured from commercial mild steel sheet of 1.25 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed together by mechanical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile B

10.15.1

88.41 m @ 373.20 /m ₹ 32995=00

- (35). Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3mm MS gusset plates at the junction and corners.all necessary fittings completeincluding applying a priming coat of approved steel primer.

10.7.1

35.24 m²@ 3,177.50 /m² ₹ 111975=00

- (36). Carriage of materials including all complete job

- a. Sone Sand (Lead 45 Km.)
b. Stone Chips (Lead 110 Km.)
c. Bricks Lead (1+7) Km.

59.77 m³ @ 899.20 /m³ ₹ 53745=00
32.99 m³ @ 1,868.98 /m³ ₹ 61658=00
27,848 no. @ 878.15 %0 no. ₹ 24455=00

- (37). Extra cost of materials

- a. Bricks
b. Cement

27,848 no. @ 1,639.10 %0 no. ₹ 45646=00
490 bag @ 13.25 /bag ₹ 6493=00

Electrical Works

- (1). Wiring for light point/fan point/exhaust fan point / call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate , suitable size of GI box etc as required .

1.3.3 Group C

52 point @ 724.00 /each ₹ 37648=00

- (2). Wiring for light/ power plug plug with 2 X 4 sq. mm FRPVC insulated copper conductor single core cable insurface / recessed medium class PVC conduit alongwith 1 Nos 4 sq. mm FR PVC insulated copperconductor single core cable for loop earthing as required.

1.5

300 m @ 200.00 /m ₹ 60000=00

- (3). Wiring for circuit / submain wiring along with earth wire with the folowing size of fr pvc insulated copper conductor single core cable in surface /recessed medium class pvc conduit as required.

1.7.2 2 X 2.5 Sq. mm + 1 X 2.5 Sq. mm

500 m @ 161.00 /m ₹ 80500=00

- (4). Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of PVC insulated aluminium conductor, single core cable in surface / recessed medium class PVC conduit as required.

1.7.2 4 X 10 sq. mm + 1 X 10 sq. mm earth wire

150 m @ 187.00 /m ₹ 28050=00

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Telephone Wiring

- (5). Supplying and drawing following pair 0.5 sq. mm FR PVC insulated annealed copper conductor , unarmoured telephone cable in the existing surface / recessed PVC conduit as required

1.16.1 1 Pair 120 m @ 13.00 /m ₹ 1560=00

LIGHT PLUG POINT

- (6). Supplying and fixing following Modular base and cover plate on existing modular metal boxes etc. as required.

1.27.4 6 Module 20 no @ 275.00 /each ₹ 5500=00
1.27.6 12 Model 12 no @ 423.00 /each ₹ 5076=00

- (7). Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc.as required.

1.24.1 5/6 amps switch 88 no @ 81.00 /each ₹ 7128=00
1.24.4 3 pin , 5/6 amps socket outlet 88 no @ 122.00 /each ₹ 10736=00

CEILING ROSE

- (8). supplying and fixing of , 2 pin 6 amps ceiling rose on the existing junction box wooden block including connection etc as required.

1.33 52 no @ 42.00 /each ₹ 2184=00

MCB DB

- (9). supplying and fixing following way horizontal type three pole and neutral , sheet steel mcb distribution board 415 volt on surface /recess complete with tinned copper bus bar ,neutral bus bar earth bar din bar ,interconnection powder painted including earthing etc as required (but without mcb /rccb/isolator)

2.9.5 6 way (4+18), double door, horizontal type 2 no @ 2905.00 /each ₹ 5810=00

S/F OF MCB :-

- (10). Supplying and fixing of following rating 240/415 volt ' c ' curve miniature circuit breaker suitable for inductive load of following poles in the existing mcb DB complete with connection testing and commissioning etc as required .

2.12.1 6/32 amp single pole 36 no @ 192.00 /each ₹ 6912=00
2.12.6 40 amps , triple pole and neutral 2 no @ 1487.00 /each ₹ 2974=00

S/F OF AC UNIT :-

- (11). Supplying and fixing modular type 25 amps A.C. unit box with ON/OFF MCB on surface or in recess complete with connections, testing and commissioning etc as required.

2.31 6 no @ 594.00 /each ₹ 3564=00

S/F OF EXHAUST FAN :-

- (12). Supply and installation of 300 mm, 230 V A.C. exhaust fan in the existing opening including making good the damage, connection testing, commissioning etc as required.

8.11.4 3 no @ 1483.00 /each ₹ 4449=00

AC CEILING FAN :-			
(13). Supply and installation of regular/standard model A.C.ceiling fan of 1200 mm sweep including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated copper conductor etc. as required	12 no @	1618.00 /each	₹ 19416=00
8.11.2			
LED BATTEN FITTING :-			
(14). Supplying and fixing single wall mounted 18/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall/ ceiling including connections with 1.5 sq.mm FR PVC insulated copper conductor and earthing the body etc. as required.	22 no @	684.00 /each	₹ 15048=00
5.9.3			
S/F OF BATTEN HOLDER:-			
(15). Supplying and fixing batten/ angle holder including connection etc. as required.	5 no @	46.00 /each	₹ 230=00
1.34			
S/F OF LED LAMP:-			
(16). Supplying and fixing of following types lamp in the existing electrical fitting/ fixtures etc. as required	5 no @	134.00 /each	₹ 670=00
6.1.31 5 Watts			
S/F OF BUSBAR CHAMBER:-			
(17). Providing and fixing following capacity busbar chamber with 4 strips of suitable size made of copper , heavy duty , complete with all accessories including connections, earthing the body etc. as required.	1 no @	7742.00 /each	₹ 7742=00
2.5.3 200 AMPS			
P/F OF MCCB :-			
(18). Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections etc.	1 no @	11915.00 /each	₹ 11915=00
2.4.5 200 Amp , 35 KA			
Providing and fixing following capacity four pole ON-load/panel mounted change over switches inside the existing cubical panel board including drilling holes in cubicle panel,making connections etc. as required.			
2.7.2 63 Amp , four pole	4 no @	3716.00 /each	₹ 14864=00
S/F OF CUBICAL PANEL :-			
(19). Supplying and fixing wall / floor mounted cubical panel board, fabricated with 18 gauge iron sheet , suitable for panel mounted switch disconnecter, including bus-bar chamber, insulator and painting etc. as required. (but without busbar copper strip)	12 sft. @	1314.00 /sft.	₹ 15768=00
8.10.1			
S/F OF CT COIL :-			
(20). Supply and fixing digital Ammeter, three phase with C.T. coil in the existing cubical panel board including drilling holes in the panel board, making connection etc as required.	1 no @	1643.00 /each	₹ 1643=00
8.10.6			

Rajamit

S/F OF DIGITAL VOLTMETER :-

- (21). Supply and fixing digital voltmeter, three phase in the existing cubical panel board including drilling holes in the panel board, making connection etc as required.

8.10.4 2 no @ 1337.00 /each ₹ 2674=00

- (22). Pilot lamp for indicator
2318

3 no @ 91.50 /each ₹ 274.50

- (23). Selector switch
2319

2 no @ 293.25 /each ₹ 586.50

OFF LOAD CHANGE OVER :-

- (24). Providing and fixing following capacity double pole/ four pole OFF-load changeover switches with side handle operation, in sheet enclosure in existing metal board, including drilling holes in metal panel, making connections etc. as required.

2.6.6 200 Amps , Four Pole

1 no @ 11915.00 /each ₹ 11915=00

LED FLOOD LIGHT :-

- (25). Supplying and fixing 90 watt LED type FLOOD light with die cast aluminium housing for ingress protection of IP65 and complete with all accessories etc and connection with FR PVC insulated copper conductor cable and earthing the body etc. as required.

5.13.10

4 no @ 8501.00 /each ₹ 34004=00

Total ₹ 2839524=00

5/01/2021
A.E.O (Elect.)
B.A.S.U., Patna

06/01/2021
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)

Rajankal

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

Rajnikant

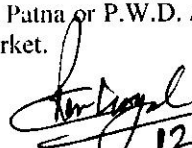
N.I.T. SPECIAL CONDITIONS

(69)

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 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.

Rajendra

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, labourshed, 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 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.
37. 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.
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, 12/01/2021

Bihar Animal Sciences University, Patna

Rajankat