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CENTRAL UNIVERSITY OF JHARKHAND

BRAMBE, RANCHI

NOTICE INVITING TENDER

NO.: CUJ/EE/CONSTRUCTION OF RESEARCH LAB CENTRE FOR LIFE SCIENCE /2012-2013

Date:-11.02.2013

The Central University of Jharkhand, Brambe,Ranchi – 835205, invites sealed tenders from approved and registered contractors of CPWD/PWD/Govt. Organisation who are conversant to execute the works as under:

Name of work	CONSTRUCTION OF RESEARCH LAB CENTRE FOR LIFE SCIENCE AT CENTRAL UNIVERSITY OF JHARKHAND,BRAMBE,RANCHI
Date of issue of Tender Document	15.02.2013 to 08.03.2013 (10:00 am to 4:00 pm)
Date of Submission Tender document	11.03.2013 up to 1:00 pm.
Date/Time of opening of Tender	11.03.2013 at 2:00 pm
Time allowed for Completion project	45 (forty five) days.
Cost of Tender document (non- refundable)	Bank draft for Rs. 5,000.00 (Rupees Five Thousand only) in favour of “ Central University of Jharkhand” payable at Ranchi.
Earnest Money	Rs. 16,300/-(Rupees Sixteen Thousand Three Hundred only) enclosed in the form of Bank Draft only in favour of Central University of Jharkhand payable at Ranchi along with bid document.

Tender document can be had from the Executive Engineer, Central University of Jharkhand, Brambe, Ranchi-835205, on written request for issuing of tender documents, on all working days on payment of requisite cost of tender in form of Bank Draft in favour of “Central University of Jharkhand” payable at Ranchi or can be downloaded from University website <http://www.cuj.ac.in>.

1.The tender documents has to be submitted in three separate envelops, All the envelops should be enclosed in one big envelop super-scribing as

“TENDER DOCUMENTS FOR CONSTRUCTION OF RESEARCH LAB CENTRE FOR LIFE SCIENCE AT CENTRAL UNIVERSITY OF JHARKHAND, BRAMBE, RANCHI “

- a). **First Envelop** should be super-scribed as TECHNICAL BID containing the technical specification and firms credential.
 - b). **Second Envelop** should be super scribed as PRICE BID containing the quoted rate.
 - c). **Third Envelop** should be super scribed as EMD containing the EMD amount.
2. In case the Tender Document is downloaded from the website the cost of the tender document must be enclosed separately in **Fourth Envelop** super scribing as **“TENDER COST”** (non-refundable) attached along with tender in the form of Demand Draft in favour of Central University of Jharkhand, payable at Ranchi.
 3. Tender submission should be accompanied with an Earnest Money Rs. 16,300/- (Rupees Sixteen Thousand Three Hundred only) (refundable) in the form of Demand Draft in favour of Central University of Jharkhand, payable at Ranchi.
 4. The Tender received without EMD and Cost of Tender Document (in case the Tender downloaded from website) shall be summarily rejected. Tenderers or their authorised representative may be present on the day of opening of tender.
 5. For clarification, if any, the same may be sought from the office of the Undersigned at the above address.
 6. The complete tender document are to be signed with sealed and are to be placed in the technical bid envelope along with necessary required catalogues/documents. The bidder shall submit satisfactory documentary proof.
 7. Central University of Jharkhand reserves the right to reject any or all prospective applicants without assigning any reason and to restrict the list of tendered contractors to any number deemed suitable by it, if too many applications are received satisfying the basic PQ criteria.
 8. The decision of the Competent Authority of the University will be the final and binding to all. Central University of Jharkhand reserves the right to accept or reject any tender and to annul the tender process and reject all tenders at any time, without assigning any reason or incurring any liability to the applicant.
 9. The University reserves the right to increase or decrease the scope of work or split the job.
 10. If any information furnished by the tenderer is found to be incorrect at any stage, the tenderer shall be liable to be debarred from tendering/taking up of work in Central University of Jharkhand. The Central University of Jharkhand reserve the right to verify the particulars furnished by the tenderer independently.
 11. The rate must be quoted for service/material F.O.R Brambe Campus of Central University of Jharkhand, situated at Brambe, Ratu-Lohadaga Road, Ranchi. No additional handling/liability charges will be entertained.

12. Even though applicant may satisfy the above requirement, University reserve the right to disqualify if it is found that the tenderer has:

a. Made misleading or false representation or deliberately suppressed the information in the forms statement and enclosure required in the prequalification document.

b. Record of proof performance such as abandoning work, not properly completing the contract, or financial failures/weakness etc.

Deputy Registrar (Estate)

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BILL OF QUANTITY

CONSTRUCTION OF RESEARCH LAB CENTRE FOR LIFE SCIENCE

Sl. No.	Item	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1.	Earth work in excavation by mechanical means (hydraulic excavator)/ manual means 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 up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kind of soil.	M3	9.04		
2.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth : consolidating each deposited layer by ramming and watering, lead up to 50m and lift up to 1.5 m.	M3	9.04		
3.	Supplying & filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	M3	20.03		
4.	Providing and laying in position cement concrete of specified grade all work up to plinth level of concrete mix 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	M3	6.97		
5.	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	M3	1.63		
6.	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	M2	9.13		
7.	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring etc. all work up to plinth level concrete mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	M3	1.36		
8.	Centring and shuttering including strutting, propping etc. and removal of form for foundation, footings, bases of columns, etc.	M2	9.72		
9.	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	M2	13.66		
10.	Reinforcement for R.C.C work TMT bars.	Kg	197.85		
11.	Brick work with bricks of class designation 75 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)	M3	8.59		
12.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	M3	23.77		
13.	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length up to 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	M2	105.26		
14.	Providing and fixing pre-coated galvanized steel sheet roofing accessories 0.50 mm + 0.05 % total coated thickness, Zinc coating 120gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500-600mm)	M	27.69		
15.	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board	M2	3.78		

	construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.				
16.	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete.	Kg	290.52		
17.	Providing and fixing aluminium sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	Each	2		
18.	Providing and fixing aluminium handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 125 mm	Each	8		
19.	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:	Kg	2100.00		
20.	Providing and fixing 12mm M. S. round holding down bolts with nuts and washer complete.	Kg	25.63		
21.	Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and confirming to IS : 15622 of approved make in all colours and shade, laid on 20 mm thick mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete size of tiles 60x60 cm	M2	69.73		
22.	12mm cement plaster of mix 1:6 (1 cement : 6 sand)	M2	237.64		
23.	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer.	M2	237.64		
24.	Finishing walls with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg/10 sqm).	M2	237.64		
25.	Applying priming coat : With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	M2	3.78		
26.	Providing and apply two coat of good quality enamel paints on all MS Structure.	M2	10.80		
27.	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required : Size 600x450x200mm	Each	1		
28.	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply including all PP - R plain & brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge. Internal work – Exposed on wall PN - 16 Pipe, 16 mm OD PN - 16 Pipe, 25 mm OD	M M	15.00 30.00		
29.	Providing and fixing unplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	Each	1		
30.	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	Each	1		
31.	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore.	Each	1		
32.	Providing and fixing anodised aluminium work for door, windows, ventilator and partition with extruded built up standard tubular sections/appropriate Z sections , fixed with rawl plugs and screws or fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides	Kg	300.00		

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	with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid separately.) For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micro)				
33.	Providing and fixing anodised aluminium work for door, windows, ventilator and partition with extruded built up standard tubular sections/appropriate Z sections , fixed with rawl plugs and screws or fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid separately.) For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fitting shall be paid for separately.) Powder coated aluminium (minimum thickness of powder coating 50 micro)	Kg	90.00		
34.	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ 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 4.0 mm thickness.	M2	70.14		
35.	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	Each	2		
36.	TOTAL --				

(Rupees.

NOTE:--

- Any item/work other than BOQ chosen from DSR-2012 as per the requirement/instruction of E/I quote the rate % (percentage) above/below/at par of DSR-2012.

Sl. No.	DSR-2012	% above/below/at par DSR-2012
1.	Civil	
2.	Electrical	

- Any item/work other than BOQ as per the requirement/instruction of E/I not available in DSR-2012 analyzed rate based on prevailing market rate will be paid.

**Signature of Bidder
Date & seal**