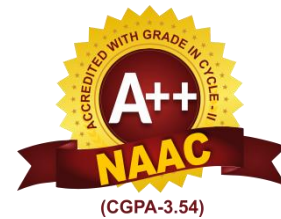




राजस्थान केन्द्रीय विश्वविद्यालय
Central University of Rajasthan
NH-8, Bandarsindri, Kishangarh-305817, Ajmer(Raj.)



NIT No. CURAJ/R/F.155/2024/4010

Date: 14.02.2024

Financial Bid

Name of Work: Repair & Maintenance work for the establishment of laboratories in the School of Life Sciences Building (A-3) at Central University of Rajasthan.

S. N	Description	Qty	Unit	Rate	Amount
1	Dismantalinga/removing and fixing of existing aluminium work for doors, windows, ventilators and partitions of extruded built up standard tubular sections and other sections and refixing it at other location by 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 jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (New Snap beading, new glass, new particle board,dash fastner if any used for refixing of partition to be paid separately) : Note: 1- The dismantalling and re-assembling of aluminium work will be carried out within the University Academic building 4A-3. 2. Unserviceble Material will be the Property of the Contractor	70.00	Sqm		
2	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.				

2.1	75 mm overall thickness partition with 12.5 mm thick double skin fire rated Glass Reinforced Gypsum (GRG) plaster board conforming to IS: 2095: (part 3):2011 (Board with BIS certification marks)	280.00	Sqm		
3	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 / paneling, 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) :				
3.1	For fixed portion				
3.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	3522.24	Kg		
4.2	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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
4.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	700.00	Kg		
5	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.				
5.1	Pre-laminated particle board with decorative lamination on both sides	270.00	Sqm		
6	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):				
6.1	With float glass panes of 5.00 mm thickness	100.00	Sqm		
7	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600				
7.1	Upto 10 mm depth and 10 mm width	100.00	Mtr.		
8	Providing and fixing aluminium handle of size 250mm with SS screws etc. complete as per direction of Engineer- in-charge				
8.1	Powder coated minimum thickness 50 micron aluminium	27.00	Each		
9	Providing and fixing aluminium sliding door bolts, ISI marked anodised (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 :				
9.1	300x16 mm	25.00	Each		
10	Providing and fixing aluminium tower bolts, ISI marked, anodised (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 :				

10.1	150x10 mm	25.00	Each		
11	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
11.1	Twin rubber stopper	39.00	Each		
12	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	10.00	Each		
13	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	20.00	Each		
14	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
14.1	With stainless steel cover plate minimum 1.25 mm thickness	19.00	Each		
15	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :				
15.1	Two or more coats	600.00	Sqm		
16	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	22.00	Sqm		
17	LAB TABLE SIZE - 1200(W)*750(D)*900(H)MM Providing and supplying lab table with overall dimensions of 1200mm (width) x 750mm (depth) x 900mm (height), The box consists of 1 drawer with a telescopic channel, C-type handle, and a cam lock for secure storage. There are also 1 shutters with a shelf, all equipped with 0.8mm thick body and C-type handles for easy access. The shutters include a gas kit to prevent chemical leakage. The bottom of the box has a frame with four legs and levelers to ensure stability on any surface. The sides of the lab have 0.8mm thick covers to conceal the gaps between the boxes. The lab's top surface features an 18mm black granite countertop. Additionally The components of the lab are constructed from high quality cold-rolled close-annealed (CRCA) sheet, undergo anticorrosion treatment, and are power-coated with a ten-tank phosphating procedure, providing a protective coating with 60 to 70 microns thickness.	6.00	Each		
18	LAB TABLE (1D+1S)WITH LEG SPACE SIZE - 1350(W)*750(D)*900(H)MM Providing and supplying lab table with overall dimensions of 1350mm (width) x 750mm (depth) x 900mm (height), The box consists of 1 drawer with a telescopic channel, C type handle, and a cam lock for secure storage. There are also 1 shutters with a shelf, all equipped with 0.8mm thick body and C-type handles for easy access. The shutters include a gas kit to prevent chemical leakage. The bottom of the box has a frame with four legs and levelers to ensure stability	5.00	Each		

	on any surface. The sides of the lab have 0.8mm thick covers to conceal the gaps between the boxes. The lab's top surface features an 18mm black granite countertop. Additionally The components of the lab are constructed from high-quality cold-rolled close annealed (CRCA) sheet, undergo anti-corrosion treatment, and are power-coated with a ten-tank phosphating procedure, providing a protective coating with 60 to 70 microns thickness.				
19	ELECTRICAL TRUCKING SIZE- 1200(W)*100(D)*150(H)MM providing a trucking with dimensions of 1200mm x 100mm x 150mm (width x depth x height) are provided, featuring 0.8mm thick CRCA for electrical supply. this also having a electrical cutting for your switvhes and socket.	6.00	Each		
20	ELECTRICAL TRUCKING SIZE- 1350(W)*100(D)*150(H)MM providing a trucking with dimensions of 1350mm x 100mm x 150mm (width x depth x height) are provided, featuring 0.8mm thick CRCA for electrical supply.this also having a electrical cutting for your switches and socket.	5.00	Each		
21	LAB SINK TABLE SIZE - 750(W)*750(D)*900(H)MM Providing and supplying a lab sink table overal size - 750x750x900mm. table made of CRCA sheet. with metal frame legs. Table also having a sink unit made of PVC. There is a one drawer and on the front there is a 2 shutter with adjustable shelf with 'C' type handle, inside the table all plumbing pipe fitting will be provided (such as waste coupling, waste pipe, sink, water mixer) other piping/fittings shall be paid seperately.	4.00	Each		
22	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
22.1	20 mm nominal outer dia Pipes	35.00	Mtr.		
22.2	32 mm nominal outer dia Pipes	20.00	Mtr.		
22.3	65 mm nominal outer dia Pipes	60.00	Mtr.		
23	Providing and fixing uplasticised PVC connection pipe with brass unions :				
23.1	45 cm length, 15 mm nominal bore	4.00	Each		
24	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
24.1	15mm nominal bore	4.00	Each		
25	Providing and fixing CPVC valve of approved quality, complete , as per directions of the Engineer-in-charge.				
25.1	32 mm nominal bore	1.00	Each		
26	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
26.1	Nominal concrete 1:4:8 or lener mix (i/c equivalent design mix)	1.80	Cum		
27	Dismantling Granite flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 500 metres lead.	32.00	Sqm		
28	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding				

	20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
28.1	All kinds of soil				
28.1.1	Pipes, cables etc, exceeding 80 mm dia. But not exceeding 300mm dia.	100.00	Mtr.		
29	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
29.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 20 mm nominal size derived from natural sources).	1.80	Cum		
30	Demolishing CLC masonry wall manually/ by mechanical means for making holes for inlet/outlet of CPVC pipes, repair of plaster,painting etc. complete and disposal of unserviceable material within 100 metres lead as per direction of Engineer-in-charge :	2.00	Each		
31	Demolishing CLC block masonry work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 100 metres lead as per direction of Engineer-in-charge.	23.41	Cum		
32	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 :				
32.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	3.68	Cum		
33	15 mm cement plaster on the rough side of single or half brick wall of mix :				
33.1	1:6 (1 cement: 6 fine sand)	36.80	Sqm		
34	12 mm cement plaster finished with a floating coat of neat cement of mix :				
34.1	1:4 (1 cement: 4 fine sand)	9.00	Sqm		
35	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
35.1	Granite work	10.00	Mtr.		
36	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
36.1	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	6.00	Sqm		
37	Providing and fixing Stainless Steel dash fastener of 10 mm dia comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in Aluminium frame complete as per direction of Engineer-in-charge.	80.00	Each		
38	Dismantling laboratory platform, made of concrete/RCC slab with granite top, including the brick piers partition walls (height 750mm) etc. including stacking within 100 metres lead :				
38.1	Thickness above 75mm up to 125 mm	7.35	Sqm		
39	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
39.1	100x100 mm size P type				
39.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each		

40	Providing and fixing soil, waste and vent pipes :				
40.1	100 mm dia				
40.1.1	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	100.00	Mtr.		
41	Providing and fixing plain bend of required degree.				
41.1	100 mm dia				
41.1.1	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	10.00	Each		
42	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in-Charge.				
42.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
42.1.1	Acid and alkali resistant tile	20.00	Sqm		
Total Rs. (in Figures): Total Rupees(in words):					

Note:

1. *The Goods and Service Tax, Turnover Tax, Excise Duty, Work Contract Tax, Or any other Tax as applicable shall be paid by the contractor himself. **The bidder shall quote his rates considering all such Taxes.***

Seal & Signature of Bidder
Date: