

**ICAR- CENTRAL INSTITUTE OF FISHERIES EDUCATION**  
(Deemed University)  
Fisheries University Road, Versova, Mumbai – 400 061

F. No. 32(164)/Works/2018-19/F-36

Date : 01-03-19

**ON LINE OPEN TENDER NOTICE**

**Name of the work : -Renovation and repairing of Biosecure Wet Lab Facility at new campus of CIFE Mumbai :**

The Director, Central Institute of Fisheries Education (CIFE) Mumbai - 400 061 invites open tender on CPP portal for the work titled “-**Renovation and repairing of Biosecure laboratory at new campus of CIFE Mumbai**” from eligible and approved Govt. Registered Contractors i.e. CPWD/PWD/BSNL/MTNL / Any Other Govt. Organizations.

**IMPORTANT INFORMATION & DATES FOR BIDDERS**

<b>Date for Issue/Publishing the tender</b>	<b>: From 01.03.2019</b>
<b>Last date for receiving the Tender</b>	<b>: 10.02.2019 Up to 1500 hrs. (10 Days from date of issue/publish</b>
<b>Date of opening of Tender</b>	<b>: 11.02.2019 at 11 am</b>
<b>Date of completion of Work</b>	<b>: 15 days from award of work</b>
<b>Tender Document Charges (Non-refundable)</b>	<b>: Rs.1000/- (Rupees One thousand only) in the form of DD drawn in favour of “ICAR Unit CIFE Mumbai”.</b>
<b>Earnest Money Deposit (EMD)</b>	<b>: Rs.63,000/- (Rupees Sixty three Thousand only) in the form of Demand Draft drawn in favour of “ICAR Unit CIFE Mumbai”.</b>
<b>Original DD of Tender Fee and EMD should be submitted to OIC (Works), CIFE Mumbai, on behalf of Director, ICAR-CIFE, Mumbai before end day/date during 1200 hours 1500 hours.</b>	

The Director of the Institute reserves the right to accept or reject any or all Tender without assigning any reasons whatsoever. No correspondence shall be entertained in this regards.

**Senior Administrative Officer**

## **INSTRUCTIONS TO BIDDERS, TERMS & CONDITIONS FOR WORK CONTRACT**

**(1) The list of Documents is to be scanned and uploaded within the period of bid submission with the tender failing which the tender shall be rejected out rightly:**

- 1.1 Demand Draft of tender fee and EMD . Original DD of tender fee and EMD should be submitted to OIC (W), CIFE Mumbai, on behalf of Director, ICAR-CIFE Mumbai on the bid submission end day/date during 1200 hours 1500 hours .
- 1.2 A copy of contractor's valid registration with CPWD/ PWD/ MES/ BSNL/ MTNL/ P & T/ All India Radio/ PSU/ Any Other Govt. Organizations.
- 1.3 Certificate of Registration for GST, Sales Tax / VAT and acknowledgement of up to date filed return if required.
- 1.4 Experience of three works of similar nature of last three years with satisfactory completion.
- 1.5 A Scan copy of PAN Card
- 1.6 A Photostats (i. e Xerox) copy of blank cheque for making payment by RTGS method.

**2. Original DD towards EMD & Tender Cost must be submitted to the Office, OIC (Works) on the bid submission end day/date during 1200 hours - 1500 hours failing which the Tender will be summarily rejected without any communication.**

3. The work shall be executed as per CPWD specifications.
4. 1% water and electrical charges will be recovered from the bill if supplied by the Department.
5. **Rs.1000/- (Rupees One thousand only)** cost of Tender Documents accompanied by an Earnest Money Deposit (EMD) amounting to **Rs.63,000/- (Rupees Sixty three Thousand only)** should be paid in the form of crossed demand draft drawn in favour of "ICAR Unit, CIFE, Mumbai".
6. Any other item to be required at site to complete the work will be executed as per the lowest quoted rates on DSR-2016
7. The rates shall remain valid for 180 days from the date of opening of Tender.
8. Tender received after due date and time shall not be entertained.
9. Contractor/ agency should be experienced in above said work.
10. The EMD of unsuccessful bidders will be returned within 15 days from the date of award of work to successful bidder.
11. **The successful bidder has to pay Security Deposit amounting to 10% of the quoted amount.** The security deposit will be released only after six months from the date of successful completion of work.
12. The defect liability period is 6 months. Any defect arising in the defect liability period is to be rectified by the contractor without any extra cost, failing which the same shall be done departmentally at the "risk and cost" of the contractor and the amount of expenditure shall be deducted from the security deposit.
13. The quoted rates should be inclusive of cost of material, carriages, whatsoever, storage, watch and ward, wastages, etc. The quoted rates shall not be increased under any circumstances.

14. TDS will be deducted at source from the bill as per rules.
15. The Institute will not supply any tools, equipments, materials storage. The contractor has to make their own arrangement.
16. The EMD submitted by the bidder is liable to be forfeited by the Institute, if the selected firm/bidder fail to commence the work within seven days from the date of receipt of work order.
17. The work shall start within 3 days from the date of award and complete within 30 days failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum up to 10%. The work must be completed within the specified time period.
18. Works are to be executed strictly as per the specifications mentioned in the tender document failing which work shall be rejected.
19. The material used for renovation must be approved by the officer In-charge (Works)/ site in-charge before using failing which works shall be rejected.
20. The agency has to abide by all rules and regulations pertaining to labour act. The contractor has to take all necessary steps for the welfare measures of labours employed by him at the site.
21. The agency will be fully responsible for providing medical facilities to their labourers in case of any accident, etc. Matters related to labour welfare/problems should be dealt by the contractor only. CIFE, Mumbai shall not be responsible in such matters.
22. Taxes, if any, should be clearly mentioned in the quotation, failing which it will be presumed that the quoted rates are inclusive of all taxes. No additional tax will be allowed if the same is not mentioned in the bid/Tender document/BOQ
23. The tenders/bidders in their own interest are instructed to visit the site for understanding the site conditions, nature of work, etc.
24. The Director, CIFE, Mumbai reserves the right to accept or reject any or all tender / all tenders without specifying any reason whatsoever. No correspondence shall be entertained in this regard. The decision of the Director, CIFE, Mumbai shall be final and binding on all concerned in such matters.
25. 1% Water & Electricity charges will be recovered from the bill respectively , if supplied by the Department.
26. All the materials, laboures, T&P etc. required will be arranged by the firms itself
27. The Director, ICAR-CIFE has the right to reject any or all the bids/tenders without assigning any reason.
28. We agree to all terms and conditions as mentioned in bid/tender document.

**Note : Other conditions for composite tenders and any special condition as applicable may also be added and Notice may be modified suitably by NIT approving authority.**

**Yours faithfully,**

**Senior Administrative Officer**

**ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION****(DEEMED UNIVERSITY, ICAR),****MUMBAI – 400 061**

Departmental Estimate DSR 2016

**Name of work-Renovation and repairing of Biosecure wet lab facility at new campus of CIFE Mumbai.**

S.N	Details of works	DSR Item No.	Qty	Unit	Rate	Amount
1	Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50m and lift upto 1.5 m :(a)All kinds of soil	2.2.1/ Pg-76	30	cum	427.9	12837.00
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level	4.1.3 / Pg-85	3.00	cum	5482	16445.85
3	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	16.11 / Pg-266	140	sqm	499.65	69951.00
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in(a)Cement mortar 1:4 (1 cement : 4 coarse sand)	6.1.1 / Pg-111	7.00	cum	4970.3	34792.10
5	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :(a)With F.P.S.(non modular) bricks	6.3 / Pg-111	20.00	cum	5640.2	112804.00

6	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal size)	4.10 / Pg-90	5	sqm	263.1	1315.50
7	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (a)All works upto plinth level	5.33.1 / Pg-102	17	cum	6446.45	109589.65
8	Centering and shuttering including strutting, propping etc. and removal of form for all heights					
8(a)	(a)Suspended floors, roofs, landings, balconies and access platform	5.9.3 / Pg-98	1	sqm	422.3	422.30
8(b)	(a)Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	5.9.15 / Pg-98	1	sqm	193.95	193.95
8©	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	5.9.2 / Pg-98	1	sqm	378.6	378.60
9	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level (a)Cold twisted bars	5.22.3 / Pg-100	2000	kg	56.6	113200.00

10	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 (a)Second class teak wood	9.1.1 / Pg-144	0.2	cum	92743.1	18548.61
11	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	10.1 / Pg-182	1000	kg	58.45	58450.00
12	Providing and fixing to existing door frames (a)30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames	9.122.2 / Pg-163	10	sqm	2187.35	21873.50
13	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :(a)125x64x2.50 mm	9.71.1 / Pg-155	10	each	74.15	741.50
14	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 (a)250x10 mm	9.97.2 / Pg-158	5	each	88.1	440.50

15	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 (a)300x16 mm	9.96.1 / Pg-158	5	each	212.45	1062.25
16	Providing and fixing aluminium handles, 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 (a)125 mm	9.96.1 / Pg-158	8	each	51.1	408.80
17	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.(a)Single rubber stopper	9.101.1 / Pg-159	5	each	27.55	137.75
18	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with 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. <b>(Hyper make or equivalent)</b>	9.84 / Pg-157	5	each	388.4	1942.00
19	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					
19(a)	(a)In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	10.25.1/ Pg-184	500	kg	65.8	32900.00

19(b)	(b)(a)In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	10.25.2 / / Pg-184	1000	kg	90.1	90100.00
20	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :(a)25 mm thick	11.26.1	110	sqm	1141.4	125554.00
21	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	11.27	3	sqm	1141.4	3424.20



22	<p>Providing and fixing precoated galvanised 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 grams per sqm 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. G.I. profile sheets of approved make <b>(HISTERN,CRILL/ ESSAR/TATA make or equivalent)</b> pattern and colour. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto 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.</p>	12.50 / Pg-216	200	sqm	550.4	110080.00
23	<p>Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm 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 :(a)Ridges plain (500 - 600mm)</p>	12.51.1 / Pg-216	20	metre	360.45	7209.00
24	<p>18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).</p>	13.11 / Pg-228	270	sqm	255.55	68998.50

25	Neat cement punning	13.18 / Pg-228	50	sqm	42.6	2130.00
26	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.(a)Water thinnable cement primer <b>(Asian paints or equivalent)</b>	13.43.1 / Pg-230	150	sqm	36.95	5542.50
27	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade (a)New work (two or more coats) over and including water thinnable priming coat with cement primer. <b>(Asian paints or equivalent)</b>	13.41.1 / Pg-230	170	sqm	93.7	15929.00
28	Finishing walls with Acrylic Smooth exterior paint <b>(APEX or equivalent)</b> of required shade :(a)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) <b>(Asian paints or equivalent)</b>	13.46.1 / Pg-231	155	sqm	96.05	14887.75
29	Applying priming coat (a)With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works. <b>(Asian paints or equivalent)</b>	13.50.3 / Pg-231	50	sqm	29.1	1455.00
30	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :(a)Two or more coats on new wor. <b>(Asian paints or equivalent)</b>	13.61.1 / / Pg-232	50	sqm	78.4	3920.00

31	<p>Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels  (a)Granite of black colour and shade  (1)Area of slab over 0.50 sqm  <b>(Telephone black colour)</b></p>	8.2.2.2 / Pg-128	25	sqm	3113.3	77832.50
32	<p>Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.</p>	8.4 / Pg-128	50	metre	266.25	13312.50
33	<p>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.(a)Granite work</p>	8.3.2 / Pg-128	50	Rmt	245.7	12285.00
34	<p>Extra for providing opening of required size &amp; shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.</p>	8.5 / Pg-128	1.00	Each	427.95	427.95

35	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.(a) Size-600 x 600mm <b>(Johnson premium quality or equivalent)</b>	11.46.2 / Pg-197	25.00	SQM	1135.20	28380.00
36	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (a)Size of Tile 600x600 mm <b>(Johnson premium quality or equivalent)</b>	11.47.2 / Pg-197	2.00	SQM	1240.6	2481.20
37	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. <u>Internal work - Exposed on wall</u> <b>(TATA C class make or equivalent)</b>					
37(a)	(a)15 mm dia nominal bore	18.10.1 / Pg-326	10.00	meter	186.40	1864.00
37(b)	(b)20 mm dia nominal bore	18.10.2 / Pg-326	50.00	meter	224.15	11207.50
37©	(c)25 mm dia nominal bore	18.10.3 / Pg-326	50.00	meter	247.85	12392.50
38	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) <b>(UNIK make):</b>					

38(a)	(a)15 mm nominal bore	18.47.1 / Pg-334	5.00	Each	366.20	1831.00
38(b)	(b)20 mm nominal bore	18.47.2 / Pg-334	5.00	Each	389.45	1947.25
38©	(c)25 mm dia nominal bore	18.47.3 / Pg-334	5.00	meter	424.30	2121.50
39	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead :(a)Thickness above 25 mm up to 40 mm	15.39.3/ Pg-256	150.00	SQM	38.75	5812.50
40	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge(a)Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix.	15.2.1	5.00	cum	892.7	4463.50
41	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead (A)Of area 3 sq. metres and below	15.12.1 / Pg-243	20.00	Each	141.25	2825.00
42	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of :(a)Asbestos sheet	15.28.2 / pg-255	200.00	sqm	32.85	6570.00
43	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	15.41 / pg-245	125.00	sqm	21.85	2731.25
44	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead (a)For thickness of tiles 10 mm to 25 mm	15.23 / Pg-244	125.00	sqm	28.2	3525.00

45	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge.	15.44.1 / Pg-245	50.00	metre	57.85	2892.50
45(a)	(a)15 mm to 40 mm nominal bore	15.44.1 / Pg-245	50.00	metre	57.85	2892.50
45(b)	(b)Above 40 mm nominal bore	15.44.2 / Pg-245	75.00	metre	70.85	5313.75
46	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. <b>(1)External work (TATA C class make or equivalent)</b>					
46(a)	(a)20 mm dia nominal bore	18.12.2 / Pg-326	15.00	metre	186.30	2794.50
46(b)	(a)25 mm dia nominal bore	18.12.2 / Pg-326	15.00	metre	205.85	3087.75
47	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :(a)25 to 40 mm nominal bore	18.13.1 / Pg-327	5.00	Each	394.15	1970.75
48	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) <b>(Kohinoor make or equivalent)</b>					
48(a)	(a)25 mm nominal bore	18.17.1/ Pg-327	5.00	Each	428.20	2141.00
48(b)	(b)20 mm nominal bore	18.17.1A / Pg-327	20.00	Each	396.55	7931.00

49	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), 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 mortar 1:3 (1 cement : 3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.(Size-450x600mm)( <b>Johnson/Kajaria/Nitco make or equivalent</b> )	11.36 / Pg-195	150.00	sqm	744.80	111720.00
50	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps.					
50(a)	(a)100 mm diameter	19.15.1 / Pg-355	10.00	metre	36.35	363.50
50(b)	(b)150 mm diameter	19.15.2 / Pg-355	10.00	metre	40.15	401.50

51	<p>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.</p>					
51(a)	<p>(a)For fixed portion(1)Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	21.1.1.2 / Pg-374	75.00	kg	384.50	28837.50
51(b)	<p>(b)For shutters of doors, windows &amp; 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(1)Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	21.1.2.2 / Pg-374	100.00	kg	444.90	44490.00
52	<p>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(a)With float glass panes of 4.0 mm thickness</p>	21.3.1/ Pg-375	100.00	sqm	741.50	74150.00



53	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	15.60 / Pg-258	10.00	cum	120.55	1205.50
54	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.					
54(a)	(a)15 mm nominal bore, 105 mm long, weighing not less than 138 gms	18.62.1 /Pg-336	2.00	each	165.30	330.60
54(b)	(b)20 mm nominal bore, 120 mm long, weighing not less than 198 gms	18.62.2 /Pg-336	2.00	each	216.70	433.40
55	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. (a)15 mm nominal bore <b>(Seiko make or equivalent)</b>	18.51.1 / Pg-334	3.00	each	492.55	1477.65
56	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.(a)Circular tank (2000 ltr tank each) <b>(Sintex make or equivalent)</b>	18.48A / Pg-334	4000.00	per litre	7.25	29000.00
57	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: (a)Size 600x450x200 mm <b>(Cera/Hindustan or equivalent)</b>	17.11.2 / Pg-295	2.00	Each	3211.45	6422.90

58	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	14.46 / Pg-246	50.00	sqm	10.80	540.00
<b>NON-SCHEDULE ITEMS</b>						
E-1	Providing and fixing 25mm thk machine cut both side pre-polished single lenth cuddapah stone in shelves i/c cutting chases in brick wall including seting and fixing the shelves in walls with cement mortar 1:4 (1 cement:4 coarse sand) and finishing etc all complete as per direction of engineer-incharge.(only the exposed stone peices outside the finished wall shall be measured for the payment)	N.S.	45.00	SQM	1000.00	45000.00
E-2	Providing & fixing by welding of G.I pipes of "C" class <b>(TATA or equivalent make)</b> for making trusses,columns or purlins etc.which are fixed properly as directed by the engineer incharge.					
	100mm dia (4")	N.S	50.00	Rmt	1550.00	77500.00
	50mm dia (2")	N.S	120.00	Rmt	1000.00	120000.00
	38 mm dia (1.5")	N.S	150.00	Rmt	700.00	105000.00
E-3	Providing and fixing of FRP grating above the draiange channel in laboaratory	N.S	8.00	sqm	500.00	4000.00
E-4	Providing and fixing 2.50k/Rmt as per IS 4985-2000 having thickness for sewerage line including fitting such as bends,tees,single junction,double junction,laying,jointing with solvent jointing as per direction of Engineer-in-charge etc complete <b>(Prince make or equivalent)</b> (a)110mm diameters selfit P.V.C.pipe 2.30 to 2.80mm	N.S	20.00	metre	1170.00	23400.00
		Total of schedule items in Rs.				1578071.26
		Add cost index 35.29%				556901.35
		Total of non-schedule items in Rs.				374900.00
		Grand Total in Rs.				<b>2509872.61</b>
		say Rs.				<b>2509873.00</b>

**Subject to be following terms & condition :-**

- **The Work shall be executed as per CPWD specification.**
- **Income Tax, work Tax & Work cess as per norms shall be recovered from the Bill.**
- **1% water and electrical charges will be recovered from the bill if supplied by the**

**Department.**

- **GST will be paid extra as per the norms of Ministry of Finance.**
- **All the materials, laboures, T&P etc. required will be arranged by the firms itself.**
- **The Director, ICAR-CIFE has the right to reject any or all the quotation/tenders without assigning any reason.**
- **We agree to all terms and conditions as mentioned in tender document.**

**Percentage rate to be quoted by BIDDER ABOVE or BELOW Or AT PAR -----**

**Date:**

**Sign of bidder with seal**