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Tender Inviting Authority: Dean (Admin)

Name of Work: Repainting and Miscellaneous civil work of Admin Building, Library Building, Canteen Basement, porch area and other Miscellaneous location at IPR

Contract No: IPR/TN/CIVIL/12/2024

<b>Name of the Bidder/ Bidding Firm / Company :</b>	
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**PRICE SCHEDULE**  
(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Contractor has to refer and follow Specifications Volume-I and Volume-II, 2019, CPWD (Central public works department) available on online CPWD portal ([https://cpwd.gov.in/Documents/cpwd\\_publication.aspx](https://cpwd.gov.in/Documents/cpwd_publication.aspx)) including mat scaffolding, curing, for all leads and lifts etc. In case of non-availability of detailed specification in CPWD 2019, Specification of the same shall be executed as per clauses mentioned in GCC and / or as directed by Engineer execution of items as mentioned in Schedule of Quantities as a result of adopting detailed specification or India Standard of relevant or Other Standards thereon. All respective items should be as per the approved make / brand

b) No debris shall be left over during the repair works under each item on any day. An area for 'Debris bins' will be identified on the request of contractor for collection of debris generated on day to day basis. The Debris fro adequate number of wheel borrows all the time for shifting the debris to Debris bin. If the debris lies around the building for more than 7 days, penalty @ Rs. 100/- per day shall be levied.

c) Disposal of debris, dismantled or waste material to be clear by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directio item. Permission to transport and dispose debris outside IPR campus shall be obtained by Contractor.

d) Wherever material are replaced with new one, quoted rate includes removing existing one and depositing the serviceable material at departmental store and disposing off debris outside campus.

e) Contractor has to abide by the "Construction & Demolition" work management plan as approved by IPR, AMC & any other regulations issued by the statutory authorities in the matter from time to time & agency has to deposi

f). Contractor shall take contractor's all risk insurance policy in respect of entire scope of work for entire period of contract and submit copy of the same before commencement of the work.

g). Contractor shall take care of existing service lines and other department properties while carrying out job & if any damage is done agency shall get it repair on his own cost.

h). Contractor has to make his own arrangements for regulating the traffic on the surrounding roads by putting up necessary Road Sign boards for Diversion, Men at Work, Danger, Work in Progress, Diversions/ change of di Department.

i).The contractor will be required to pay the wages to the workers employed by him on work at the rates per month per labour as per minimum wages as amended from time to time in force of minimum wages Act 1948 and as p

j) For supply items, materials to be supplied as and when required and as instructed by engineer in charge.

k) Contractor shall provide suitable Personal protective Equipment (PPE) to all its workmen and Also follow safety regulations while working at sites.

l) The contractor must take full precautions that original brick work is not damaged while dismantling of plaster / tiles or stone ladding. Incase of any damage the same shall be made good with 26g chicken wire mesh at his ow will be made. Contractor must visit site and acquaint himself with the condition of building.

m) The contractor shall provide daily report stating the nature of work done to the Engineer-in-charge or to his authorized representative daily in the format. Measurement of work done will be taken jointly and record in the signed by contractor and IPR official.

n) Work will be done in two phases. In Phase-1, Library Main building-GF and FF, Admin Annex-Purchase, admin- I, II, III and Admin Annex basement will be taken that consist of 100 days. In phase-2, Admin main building-Acc area, staff seating at FF will be taken that consist of 110 days. During phase-1 and 2, work will also be done for Canteen basement, Main Porch and corridor area up to canteen and in front of Toilet near E1, Roof Treatment Kindly refer TABLE OF MILESTONE(S) of schedule-F of technical Bid.

o) Anti termite chemical and treatment - 1. Insecticides/Pesticides/Chemicals etc to be used for controlling of pest should be of public health grade duly approved as such: i) Safe for human beings. ii) Eco friendly. iii) Appl Body/Organization in safety as well as effectiveness. 2. The contractor shall be responsible for control of pest which will be include all types of Insects including termite, white ants, mosquito, seasonal insects, beetles, ro personnel to carry out the pesticide treatment. 4. The contractor shall take all safety precautions. In connection with pest control works as per Standard Government guidelines with due regards to chemical and fire hazard an The firm should follow the directives of Govt. health authorities/WHO for the pest control treatments. 6. The materials/chemicals used and /or incorporated into the work shall be and strictly conforming to specifications, as building ( IS 6313 part 3).

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	RATE In Figures To be entered by the Bidder in Rs. P including GST & all taxes	TOTAL AMOUNT Including GST & all Taxes in Rs. P
1	2	3	4	5	7	14

1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 250 metres lead : Of area beyond 3 sq. metres	item1	22.00	Nos		0.00
2	Removing dry or oil bound distemper, plastic emulsion paint, limewash, colourwash, and the like by scrapping, sand papering, grinding and preparing the surface smooth including necessary repairs to scratches etc. complete. Note:- Removing of emulsion paint, white wash, oil paint or enamel paint ,wood work, steel work etc. by sand paper, wire brush, roll paper etc. to receive fresh coat of paint is also covered under item. Rates includes scaffolding. Measurements will be done as per relevant IS Code. Complete all as directed by EIC.	item2	5500.00	Sqm		0.00
3	Providing and applying white cement based putty two or more coat to achieve required finish on wall, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Note:-for internal walls only, Rates includes scaffolding and sand papering of wall after putty. <b>The thickness of putty should be 0.75 mm or more.</b> Measurements will be done as per relevant IS Code	item3	2100.00	Sqm		0.00
4	Providing and applying white cement based putty two or more coat to achieve required finish on wall, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Note:-for internal walls only, Rates includes scaffolding and sand papering of wall after putty. <b>The thickness of putty should be 0.50 mm or more.</b> Measurements will be done as per relevant IS Code	item4	5500.00	Sqm		0.00
5	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface (or oil based primer for AC Duct only) having VOC content less than 50 grams/ litre. Note:- For Internal wall only, rates includes scaffolding. Measurements will be done as per relevant IS Code. Complete all as directed by EIC.	item5	5500.00	Sqm		0.00

6	<p>Wall painting with premium acrylic emulsion paint of <b>interior grade</b>, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour In <b>TWO coat</b>.  Note:- Rates includes scaffolding, crack opening and filling with approved filler material (filling cracks - SBR polymer with cement as per manufacturers specification). Measurements will be done as per relevant IS Code. Complete all as directed by EIC.</p>	item6	5500.00	Sqm		0.00
7	<p>Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali &amp; fungal resistance, dirt resistance <b>exterior paint</b> of required shade (Company Depot Tinted) with silicon additives.  New /old work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm, including scrapping, sand papering and preparing the surface, complete in all respect as per the direction of Engineer-in-Charge.  Note:- Rates includes scaffolding, surface preparation, removing of old paint / lime washing as required, appying wire brush on existing surface, washing, crack opening and filling with approved filler material (filling cracks - SBR polymer with cement as per manufacturers specification). The paint coefficient will be 1.00 irrespective of applying on plain / sand face plaster / brick surface. No extra measurement will be paid for painting on rough or sand face plaster or brick surface with groove. Complete all as directed by EIC</p>	item7	4000.00	Sqm		0.00

8	<p>Providing and Applying two coats of Synthetic enamel paint on old doors and windows, MS members using 1st quality paint from approved manufacturer of approved colour and shade to give an even shade including scaffolding, removing of old existing paint that is soft, blistered, loose or flanking &amp; cleaning old surface, preparing the surface to receive paint including filling cracks and creaves with Putty or other approved filler materials, applying oil primer coats / anti corrosive zinc based yellow primer to steel work. cost also includes thinner, filler, putty, primer and other materials, necessary labours etc. complete as directed by Engineer in charge at all heights, in all floors.</p> <p>Note:- Measurements of doors and windows will be taken as per relevant IS code. Surface area of all MS Members will be taken for measurement  (1) Synthetic enamel Paint of approved brand (2) Zinc based yellow Primer (3) Putty suitable to Mild steel members of approved brand (4) Putty on wood work - oil base putty</p>	item8	1300.00	Sqm		0.00
9	<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 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) :</p> <p><b>For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).</b></p>	item9	500.00	Kg		0.00

10	<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. 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) :</p> <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 / required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)</b></p>	item10	225.00	Kg		0.00
11	<p>Providing and fixing Glass panes of selected glazing quality and thickness as specified below including providing and fixing EPDM rubber of approved quality and fixing with Aluminium glazing clips / Aluminium beadings (Supply cost of Aluminium clips / Aluminium beadings are measured in separate items mentioned above for DOORS / WINDOWS / PARTITIONS etc., Using 5mm thick float glass (weight not less than 12.50 kg/sqm)</p>	item11	85.00	Sqm		0.00
12	<p>Providing and fixing smoke Glass panes of selected glazing quality and thickness as specified below including providing and fixing EPDM rubber of approved quality and fixing with Aluminium glazing clips / Aluminium beadings (Supply cost of Aluminium clips / Aluminium beadings are measured in separate items mentioned above for DOORS / WINDOWS / PARTITIONS etc., Using 5mm thick smoke glass (weight not less than 12.50 kg/sqm)</p>	item12	65.00	Sqm		0.00
13	<p>Providing and fixing Single Point Locking Handle (SPLH) for Windows made of Zamak/die cast aluminium and all accessories etc. complete. - 150 mm.</p>	item13	70.00	Each		0.00
14	<p>Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/top hung Aluminium windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge. <b>400 x 19 x 1.9 mm.</b></p>	item14	120.00	Each		0.00

15	Providing and filling <b>silicon sealant</b> at the joint of aluminum and plaster of size 5 mm x 5 mm in triangle shape to make the surface water leakage proof at periphery of window from inside and outside both etc., as directed by EIC. NOTE: Including scaffolding, curing etc	item15	300.00	Rmt		0.00
16	Supplying <b>Polysulphide sealent</b> in sealed (Pour grade / Gun grade) containers including delivery at site as specified.	item16	20.00	Kg		0.00
17	Providing Mason (skilled) with helper for repairing of beam/column/rcc /brick/filling and removing and relaying of polysulphide materials in expansion joints and other buildings repairing related works etc. with required masonry tools and tackles, stacking of materials within IPR Campus as directed by EIC. Note:- Any consumable material required will be provided by the institute However tools and tackles should be available with them	item17	10.00	Per day		0.00
18	Providing Carpenter (skilled) with helper for repairing of wooden work inside buildings where repairing related works etc. with required carpentry tools and tackles, stacking of materials within IPR Campus as directed by EIC. Note:- Any consumable material required will be provided by the institute However tools and tackles should be available with them.	item18	10.00	Per day		0.00
19	Dismantling the old plaster or skirting, raking out joints, and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50mtr lead. Note:- Rates includes scaffolding ,staging & surface preparation. Measurement will be taken in actual area to work to be done, no additional labour rate will be made. Work to be complete in all respect as directed by EIC.	item19	180.00	Sqm		0.00
20	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge <b>50mm average thickness</b>	item20	40.00	Sqm		0.00

21	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge <b>75mm average thickness</b>	item21	5.00	Sqm		0.00
22	Providing and applying of zincrich primer with solvent (as specified by manufactures) as a protective coating to steel reinforcement including cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry including all complete as per direction of Engineer-In-Charge. Bars up to 12 mm diameter	item22	40.00	Rmt		0.00
23	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC or masonry work as per specifications and direction of Engineer-In-charge complete in all respect. <b>SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer.</b>	item23	40.00	Sqm		0.00
24	Providing & Applying polymer modified, <b>flexible cementitious negative side waterproofing coating</b> with elastic waterproofing polymers on interior wall plaster surface in three coats @14.35 kg /10 sqm. one coat of self priming of cementitious waterproofing polymer(dilution with water in the ratio of 1:1) and two coats of cementitious waterproofing polymer (dilution with water in the ratio of 3:1 ) after scrapping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect as per the direction of Engineer-in-Charge. Note:-Rates includes scaffolding, crack opening and filling with approved filler material.	item24	250.00	Sqm		0.00

25	<p>Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge.</p> <p>Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).</p> <p><b>Plastering 25 mm average thickness in 2 layers.</b></p>	item25	80.00	Sqm		0.00
26	<p>Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge.</p> <p>Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).</p> <p><b>Plastering 50 mm average thickness in 3 layers.</b></p>	item26	5.00	Sqm		0.00
27	<p>Sand faced plaster- 18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough using wooden gutka/ Sponge. NOTE: Including scaffolding, curing etc</p>	item27	75.00	Sqm		0.00
28	<p>15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)</p> <p>Note: The rate is including scaffolding, curing etc.The Plater should be of single coat Mala finished.</p>	item28	70.00	Sqm		0.00
29	<p>Providing and fixing GI hexagonal chicken wire mesh of size 12mm x 22g at the junction of dissimilar surfaces, crack surfaces or where necessary at brick masonry wall and RCC. Rate is inclusive of nails, scaffolding and any other material required to complete the work in all respect.</p>	item29	60.00	Sqm		0.00
30	<p>Supplying chemical emulsion in sealed containers including delivery as specified Chlorpyriphos/ Lindane emulsifiable concentrate of 20%</p>	item30	180.00	Ltr		0.00



31	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same. (excluding the cost of chemical emulsion)	item31	160.00	Rmt		0.00
32	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Treatment of existing floor or joint of floor and skirting using chemical emulsion @ one litre per hole at 300 mm interval including 12 mm drilling holes in RCC (if any) and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) with matching colour pigment to the full depth of the hole : With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	item32	900.00	Rmt		0.00
33	Providing and fixing sunfilm matching with existing sunfilm-Garware G-20 SRC or 3M or ALKOR. Rates includes fixing by authorized agency with scaffolding at all height and taking out of old damage film (if required). Measurement will be take of actual work done. Payment of wastage will not be given.	item33	80.00	Sqm		0.00
34	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). Note:- Rates includes scaffolding ,staging & surface preparation. Measurement will be taken in actual area to work to be done, no additional labour rate will be made. Work to be complete in all respect as directed by EIC.	item34	1.50	Cum		0.00
35	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns).The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, filling of existing crack (if any) with cement and SBR polymer paste, omplete in all respect as per the direction of Engineer-in-Charge.	item35	1550.00	Sqm		0.00

36	Repairing of crackes of the Gypsum board/Particle board false ceiling including screwing where ever required, repairing damaged ceiling, treatment to the cracks including fixing tape etc and making the ceiling in good condition (fixing of new gypsum board for closing of hole, if required) for painting with required material, scaffolding etc direction of Engineer-in-charge complete. - Note: Contractor should visit the site to understand the repairing work before quoting the tender.	item36	80.00	Rmt		0.00
37	Providing and laying Dholpur stone slabs 18-20 mm thick in risers of steps, skirting, sill, jamb, dado and pillars laid on 15 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.	item37	10.00	Sqm		0.00
38	Providing and laying Dholpur stone slabs (Pink / Red) 30 mm thick polished/ rough in floor etc.in required design and pattern wherever required, stones of different finished surface texture, laid on 30 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with white/grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete as directed by the Engineer-in-Charge.	item38	5.00	Sqm		0.00
39	Providing and applying of glass lapi/putti with glass pins including removing of old glass lapi without damage to the glass as instructed by EIC including scaffolding, disposing of debris etc, for any heights, leads and lift. (Putty conforming to IS 419 shall be prepared by mixing one part of white lead with three parts of finely powdered chalk and then adding the boiled linseed oil to the mixture to form a stiff paste and adding varnish to the paste @ 1 litre of varnish to 18 kg. of paste)	item39	240.00	Rmt		0.00
40	Providing and fixing of seasoned second class TEAK WOOD BATTENS of required size and class specified below for Glass fixing etc, including removing of the old damaged batten without damage to the glass including scaffolding, nail, screw, disposing of the damaged replaced glass outside campus for any heights, leads and lift. Using Second class seasoned TEAK WOOD. of Approximate size 10 x 10 MM ----- (Measurement will be taken in Rmt of the fixed batten)	item40	40.00	Rmt		0.00

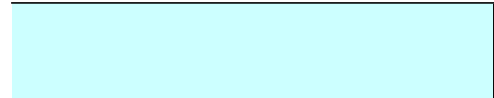
41	<p>Providing and laying <b>APP</b> (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : <b>3 mm thick</b>  Note: APP membrane to be apply over GI water supply line (conceal / under ground / open)</p>	item41	20.00	Sqm		0.00
42	<p>Providing and fixing G.I 65 mm diameter and 750 mm long rain water spout in cement concrete (1:2:4) with SBR polymer, surface finish and matching with existing surface with cement mortar 1:4 (1 cement : 4 fine sand) and SBR polymer, including dismantling existing pipe, dismantling of concrete while removing the pipe using breaker, and fixing with new GI pipe, water proofing chemical @ 2% by wt. of cement or manufacturer specified. Rate also includes scaffolding, centering, Priming &amp; painting of GI pipe, etc as necessary to complete as per direction of E-I-C. GI pipe spout</p>	item42	14.00	Nos		0.00

43	<p>Providing and laying integral cement based water proofing treatment including preparation of surface (taking out of existing treatment if required) as required for treatment of roofs, balconies, terraces etc consisting of following operations:</p> <p>(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (c) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge :</p>	item43	50.00	Sqm		0.00
44	<p>Providing and applying two or more coat of silicon based water repellent coating on dholpur/brick with filling of Horizontal and vertical joints with matching cement based colour pigment. Rate including scaffolding (at any height), filling the cracks and crevices with approved filler material (Dr. Fixit Crack X or equivalent), preparation of the surface so that surface becomes free from all debris, dirt, oil, grease, wax and all other contamination which could prevent penetration.etc. To improve penetration, Apply second coat wet on wet.Complete as per manufacturer specification and as directed by EIC.</p> <p>NOTE: Required Paint coefficient has to be considered in the quoted rate. Hence separate coefficient will not be considered while measuring the area for painting and area will be measured flat. The paint coefficient will be 1.00 irrespective of applying on dholpur stone cladding / Brick /plaster/ sand face plaster surface etc. No extra will be paid for rough surface. - (1) Coating - Dr Fixit Repellin WR (product no-103) (2) Crack filler - Dr. Fixit Crack X or equivalent</p>	item44	1600.00	Sqm		0.00
45	<p>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 : 75 mm</p>	item45	10.00	No.s		0.00
46	<p>Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.</p>	item46	5.00	No.s		0.00

47	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 : 100 mm	item47	8.00	No.s		0.00
48	Providing and fixing Stainless steel SS grade 304, curtain rod 25 mm dia 1.20mm thick with two Stainless steel SS grade 304 finial/conceal socket, brackets suitable for ( curtain rod) 25 mm dia 1.20mm thick fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete. Pipe should be in single length upto 5m : <b>25 mm dia</b>	item48	130.00	Rmt		0.00
49	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Rate includes transporting and stacking of old RCC Cover block at some specific location inside campus to dispose. Note - 1. Item to be applicable in urban areas having directions for restricted hours for movement / plying of load carrying motor vehicle of 3.5 cum or more. 2. Voids @20% for solids and 50% for rock shall be deducted from fully loaded truck measurement to arrive at the net quantity for payment in case of direct measurement is not possible. 3. The cost is inclusive of necessary permission from statutory authorities for dumping the debris/excess earth outside department premises	item49	20.00	Cum		0.00
50	Providing and laying China mosaic treatment over cement mortar / RCC roof including Dismantling, Scraping, removing and cleaning the existing treatment (china mosaic / plaster) by chiseling or other means, including cleaning with wire brushes and coir brooms, disposal of unserviceable material out side Institute's campus, including finishing the surfaces to receive new treatment, Applying of a coat of cement slurry at rate of 2.75 kg/Sqm mixed with water proofing compound is spread uniformly over the prepared surface, back coat of 30 mm thick cement mortar 1:4 including using approved water proofing compound like as per manufacturers specifications and broken pieces of white glazed tiles (6mm thick) set on 5mm thick neat coat of cement slurry of consistency of honey and top finished with white cement to required levels & slopes on barrel roof, making groove of 6 mm x 6 mm size in top finish in required panels, curing, scaffolding, tools and tackles, all as per specifications at all leads and lifts and at any height and space in the terrace and as directed by the Engineer - in - charge.	item50	100.00	Sqm		0.00

Total in Figures		0.00
Quoted Rate in Words	INR Zero Only	

campus, Bhat, Gandhinagar-382428



Bidder Name and Values only ) - "Note:- a) For detailed Specification, serial, workmanship, equipment's, IS code etc. All the items are including Engineer-in-Charge, whose decision shall be final. No extra shall be payable for items / list attached in Tender document.

Debris bin shall be cleared every month. The contractor must maintain

Records of Engineer-in-charge. Payment of the same will be done in respective

to Bank Gurantee/ deposit as required.

Provisions etc at his own cost during execution of work as directed by the

contractor provisions in contract conditions.

at own cost. No separate payment for any additional thickness of plaster if any

registers on daily basis / weekly basis or after completion of work and

for Reception, library Annex- basement and library annex- Civil seating in library, library annex, admin, admin annex and porch & corridor area.

Approved by World Health Organization/Govt. of India/other competent Govt. for termite, serpents, weeds etc. 3. The firm should have professional trained staff and they shall be held responsible and liable for any laxity in this regard. 5. As per latest Indian Standard code of practice for Anti termite measure in

**TEXT #**

**TOTAL AMOUNT In Words**

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