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[Item Rate BoQ](#)

Tender Inviting Authority: Dean (Admin)

Name of Work: Replacing of damaged roofs with PUF sheets and other miscellaneous civil works in different laboratories at FCIPT Campus, Plot No. A/10/B, GIDC, S

Contract No: IPR/TN/CIVIL/10/2024

Name of the Bidder/ Bidding Firm / Company :	
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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 Values only) - "Note:- a) For detailed Specification, Contractor has to refer and follow Specifications Volume-I and Volume-II, 2019, CPWD (Central public (https://cpwd.gov.in/Documents/cpwd_publication.aspx) including material, workmanship, equipment's, IS code etc. All the items are including scaffolding, curing, for all leads and lifi CPWD 2019, Specification of the same shall be executed as per clauses mentioned in GCC and / or as directed by Engineer-In-Charge, whose decision shall be final. No extra shall be 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 / brands / lis 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 gen be cleared every month. The contractor must maintain adequate number of wheel borrows all the time for shifting the debris to Debris bin. If the debris lies around the building for mor 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 charge. Payment of the same will be done in respective 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 out 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 matte deposit as required. 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 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).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 contract conditions. i) Contractor shall provide suitable Personal protective Equipment (PPE) to all its workmen and Also follow safety regulations while working at sites. j) 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 do basis / weekly basis or after completion of work and signed by contractor and IPR official. k) 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 h Organization/Govt. of India/other competent Govt. Body/Organization in safety as well as effectiveness. 2. The contractor shall be responsible for control of pest which will be include seasonal insects, beetles, rodent, serpents, weeds etc. 3. The firm should have professional trained personnel to carry out the pesticide treatment. 4. The contractor shall take all se per Standard Government guidelines with due regards to chemical and fire hazard and they shall be held responsible and liable for any laxity in this regard. 5. The firm should follow control treatments. 6. The materials/chemicals used and /or incorporated into the work shall be and strictly conforming to specifications, as per latest Indian Standard code of practice

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	<p>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :</p> <p>Two or more coats on new /old work over an under coat of suitable shade with ordinary paint / wood primer (on wood surface) / zinc based primer (on metal surface) of approved brand and manufacture</p> <p>Note:-Paint will be applied on steel and wood work, Rates includes scaffolding, oil based putty on wood work, removing of paint that is soft, blistered, loose or flanking & cleaning old surface, preparing the surface to receive paint including filling cracks and creaves with Putty or other approved filler materials. The surface area of MS members (roof truss, purlin, girders etc) and door / window frame will be measured and paid. However measurements of fully treated doors and windows will be taken as per relevant IS code. Complete all as directed by EIC</p> <p>(1) Synthetic enamel Paint of approved brand confirming to IS 2932 (2) Zinc based yellow Primer on MS and oil base primer on wood work (3) Putty suitable to Mild steel members of approved brand (4) Putty on wood work - oil base putty</p>	item1	400.00	Sqm		0.00
2	<p>Providing and fixing Glass panes of selected glazing quality and thickness as specified below including providing and fixing EPDM rubber gasket of approved quality and fixing with Aluminium glazing clips / Aluminium beadings (Supply cost of Aluminium clips / Aluminium beadings are measured in seperate items mentioned above for DOORS / WINDOWS / PARTITIONS etc., Using 5mm thick float glass (weight not less than 12.50 kg/sqm)</p>	item2	15.00	Sqm		0.00
3	<p>Providing and fixing silicon sealant at the joint of aluminum frame and adjacent MS member/RCC/Brick/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.</p>	item3	150.00	Rmt		0.00
4	<p>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 : 300x10 mm</p>	item4	25.00	No		0.00
5	<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 : 125 mm</p>	item5	20.00	No		0.00
6	<p>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.</p>	item6	5.00	No		0.00
7	<p>Supplying and fixing Chromium plated Brass lock 6 levers 100mm of approved quality aluminum door lock with two keys, suitable either to single or double leaf shutters including removing of existing old door lock from existing door frames, making necessary recess in existing aluminum frame and fixing the new door lock with CP. Brass steel screws, etc.; complete as directed by Engineer-in-charge.</p>	item7	30.00	No		0.00

8	Steel work in built up tubular (round, square or rectangular hollow tubes, plates, Hinge etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes Note- for Hollow box section	item8	300.00	Kg		0.00
9	P/F 50 MM PUF insulated Panel with flat Ribbed sheet at top and bottom side 0.45 mm TCT color Coated GI Sheet with PUF as Insulation Sandwich Panel in between including closing of all the ends of PUF using appropriate GI sheet of required size and shape, the panel should be manufactured by pressure injection of CFC free Polyurethane foam at 38 + 2 Kg/m3 density, in between the outer and inner steel sheet surfaces and should be supplied in single length up to 6.00 meter or as desired by Engineer in charge. The sheet shall be fixed using self-drilling/self-tapping screws of size (5.5 x required length) with EPDM seal, silicon sealant at joints complete up to any pitch in horizontal/vertical or curved surfaces excluding the cost of purlins, rafters and trussed and including cutting to size and shape wherever required including all materials labour, scaffolding, wastage, tools, tackles, equipment, transportation all complete as directed by engineer-in-charge. All overlaps shall be sealed with silicon sealants. Roof should be water tight. The PPGI Sheets shall be of minimum 240 MPA Steel grade & shall have a Zinc Coating of minimum 120 GSM as per IS 277/1992, 5-7 Microns of epoxy primer on both sides of the Sheet & Polyester top Coat of 18-20 microns on one side/outer side. The PPGI Sheets/PUF Panels shall have a protective guard film of minimum 20-25 microns to avoid scratches to finished panel during transportation.	item9	300.00	Sqm		0.00
10	Providing and fixing compact sheet of 5 mm thickness and approved shade of Make "Sundek, bloom, Bakelite, century or equivalent" inside wooden/Aluminium partition / door etc; complete all as per approved drawing, colour, design & direction by Engineer-in-charge. The finished size of the panel shall be measured and paid. The cut edges of the compact sheet shall be provided with masking tape.	item10	20.00	Sqm		0.00
11	Diluting and injecting chemical emulsion for POST-CONSTRUCTION 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 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.	item11	1200.00	Rmt		0.00
12	Supplying chemical emulsion in sealed containers including delivery as specified Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	item12	210.00	Ltr		0.00
13	Dismantling cement asbestos/wooden ply/syntex sheet or other hard board from ceiling or partition walls including removing of existing nut/ bolt/screws /aluminum members stacking of serviceable materials and disposal of unserviceable materials within 200 metres lead.	item13	550.00	Sqm		0.00

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. With stainless steel cover plate minimum 1.25 mm thickness	item14	5.00	Each		0.00
15	Supplying and providing of EPDM rubber gasket for aluminium door, window, ventilator shutters/Glass and partitions etc. complete as per the architectural drawings and the directions of engineer-in-charge .	item15	100.00	Rmt		0.00
16	Supplying and fixing 6mm thick circular float glass on existing window as existing shape and size with required necessary materials (like 3M tapes etc.), including removal of existing damaged glass, clean surface area complete as per the directions of engineer-in-charge . Note : Measurement will be taken in Sqm for the fixed Glass. wastage will not be paid.	item16	2.00	Sqm		0.00
17	Carpenter (Skilled) with helper (semi skilled) for removing of old tower bolt, handle, glass panes, Pre laminated board, floor spring and other Misc. Carpentry work as directed by EIC.	item17	5.00	Per Day		0.00
18	Providing and fixing of full threaded Anchor fastner rod- M10 x 115 (Material- Carbon steel of grade C 4.8 or above and Zinc plated) with Epoxy resin anchor grout chemical (for RCC-High loading capacity, Non corrosive for rebar element, Approved by European technical assessment, Fire resistance) and for Brick Masonary- (Fire resistance and high corrosion resistance) - HIT-RE-500 Epoxy chemical or equivalent including drilling in R.C.C. etc., for all height and levels etc., The installation and the setting instructions of anchor fastner and chemical should be strictly followed as per the manufacturer's recommendations. Complete all as instructed and directed by Engineer-in-charge. The Payment shall be made on the actual quantity of bolts fixed at the site.	item18	20.00	No.		0.00
19	Providing and fixing sunfilm matching with existing sunfilm-Garware G-20 SRC or equivalent. Rates includes fixing by authorized agency with scaffolding (if required) and taking out of old damage film. Measurement will be take of actual work done. Payment of wastage will not be given.	item19	90.00	Sqm		0.00
20	Making an opening (for ventilation) of size 2ft x 1.5 ft in masonry wall including dismantling of masonry wall, making of jambs, platstering jambs, disposal of debris outside campus and fixing of suitable extruded built up standard aluminium sections upto 2.5 kg weight (Anodized aluminium 15 Micron will be provided by bidder) 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. all as directed by EIC. Rate includes scaffolding of height up to 6m.	item20	1.00	Job		0.00
21	Welder (Skilled) with helper (semi skilled) for Repair and Maintenance work related to MS fabrication, MS gate repairing and other Misc. welding work. All necessary tools and tackles needed for particular assigned work should be with welder including welding rod.	item21	1.00	Per Day		0.00
Total in Figures						0.00

Quoted Rate in Words

INR Zero Only

Sector – 25, Gandhinagar - 382016.



tender. Bidders are allowed to enter the Bidder Name and works department) available on online CPWD portal etc. In case of non-availability of detailed specification in payable for execution of items as mentioned in Schedule of it attached in Tender document.

erated on day to day basis. The Debris from debris bin shall e than 7 days, penalty @ Rs. 100/- per day shall be levied. 10 km for all lifts, complete as per directions of Engineer-in-

side campus.
r from time to time & agency has to deposit Bank Gurantee/

work.

force of minimum wages Act 1948 and as per provisions in

ne will be taken jointly and record in the registers on daily

uman beings. ii) Eco friendly. iii) Approved by World Health all types of Insects including termite, white ants, mosquito,afety precautions. In connection with pest control works as the directives of Govt. health authorities/WHO for the pest for Anti termite measure in building (IS 6313 part 3).

TEXT #

TOTAL AMOUNT In Words

15

INR Zero Only

