

Validate

Print

Help

[Item Rate BoQ](#)

Tender Inviting Authority: Dean (Admin)

Name of Work: Miscellaneous civil repair, repaint and modification works at Institute for Plasma Research Campus, Bhat, Gandhinagar-382428, Gujarat and FCIPT C Gandhinagar-382016, Gujarat

Contract No: IPR/TN/CIVIL/11/2024

Name of the Bidder/ Bidding Firm / Company :	
--	--

**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 all detailed Specification, 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/Doc/equipment's>, IS code etc. All the items are including 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 Engineer-In-Charge, whose decision shall be final. No extra shall be payable for execution of items as mentioned in Schedule of Quantities as a result of adopting detailed specification or India Stanc should be as per the approved make / brands / list attached in Tender document.

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. 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 more than 7 days, penalty @ Rs. 100/- per day s

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, 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 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 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 Progr execution of work as directed by the 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 w

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 c additional thickness of plaster if any 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 jointl completion of work and signed by contractor and IPR official.

n) These work consist of repairing and renovation at different buildings, different locations and heights up to 20 Mt and other related works inside campus. Contractor must visit site and acquaint him buildings. Contractor must take precaution to avoid minimum disturbance to institute routine works. Decision of engineer in charge will be final and contractor has to carry out the work accordingly.

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) 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 all types of Insects including termite, v weeds etc. 3. The firm should have professional trained personnel to carry out the pesticide treatment. 4. The contractor shall take all safety precautions. In connection with pest control works as per Si fire hazard and they shall be held responsible and liable for any laxity in this regard. 5. The firm should follow the directives of Govt. health authorities/WHO for the pest control treatments. 6. The mat and strictly conforming to specifications, as per latest Indian Standard code of practice for Anti termite measure in 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	(j) Painting work inside Auxiliary building (ii) Epoxy paint in fountains inside water body & Rain water gutter at terrace of New R&D lab and auxiliary building at IPR Campus, Bhat, Gandhinagar - 382428"					
1.01	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.scaffolding to be done as directed by Engineer in charge at all heights(up to 8 meter), in all floors.All Machines and instruments to be covered with polybag before starting the process of scrapping Note:- Removing of emulsion paint, white wash, oil paint or enamel paint for Internal wall, exterior paint on external wall (including washing), wood work, steel work etc. by sand paper, wire brush, roll paper etc. to receive fresh coat of paint is also covered under item.	item1	480.00	Sqm		0.00
1.02	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. The thickness of putty should be 0.50 mm or more. Measurements will be done as per relevant IS Code	item2	480.00	Sqm		0.00
1.03	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : All Machines and instruments to be covered with polybag before starting the process of priming. Note:- For Internal wall only, rates includes scaffolding. Measurements will be done as per relevant IS Code. Complete all as directed by EIC	item3	480.00	Sqm		0.00
1.04	Wall painting with premium acrylic emulsion paint of interior grade, 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 TWO coat.Scaffolding to be done as directed by engineer in charge at all heights (Up to 8 meter),in all floors.All Machines and instruments to be covered with polybag before starting the process of painting. 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	item4	480.00	Sqm		0.00
1.05	Removing Rust, old paint, bitumin primer, and the like by sand paper, wire brush, roll paper, Grinding to receive fresh coat of primer. Appropriate thinner / rust remover / or suitable removing chemical and preparing the surface smooth including necessary repairs to scratches etc.	item5	550.00	Sqm		0.00

1.06	Finishing with 2 pack Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate two coats of priming coat with epoxy primer grey, preparation of MS surface, etc complete as per the direction of engineer in charge. On MS gutter at the terrace of the building work on new /old work. Note:-Paint will be applied on Mild steel , Rates includes scaffolding. The surface area of MS members (roof gutters) will be measured and paid.	item6	550.00	Sqm		0.00
1.07	Supplying of SELF DAN waterproofing bituminous tape -Self-adhesive, 100 mm wide, 1.5 mm thick, Mass per unit area -1.2 kg/m <sup>2</sup> . Composed of a SBS modified bitumen mastic, using as protective material on the upper side of the sheet aluminium foil (60 micron) in natural colour. (only supply of material)	item7	480.00	Rmt		0.00
2	<b>Construction of drain and laying of new crossing hume pipe through corridor near E-9 to E-11 at IPR Campus Bhat Gandhinagar - 382428</b>					
2.01	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : 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 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 (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	item8	20.00	Sqm		0.00
2.02	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - incharge.	item9	1.00	Cum		0.00
2.03	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineerin- charge.	item10	2.00	Sqm		0.00
2.04	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	item11	4.00	Cum		0.00

2.05	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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)	item12	3.00	Cum		0.00
2.06	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete.	item13	15.00	Sqm		0.00
2.07	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	item14	200.00	Kg		0.00
2.08	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. (channel, angle, plate, flat etc) as per site required works.	item15	540.00	Kg		0.00
2.09	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. For All kind of soil Note: Excavation need to be done Manually as per site condition.	item16	7.00	Cum		0.00
2.10	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)	item17	30.00	Sqm		0.00
2.11	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. Note- This item is for patch work including any lead and list for all heights	item18	4.00	Sqm		0.00
2.12	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete with 300 mm dia. R.C.C. pipe.	item19	7.00	Rmt		0.00
2.13	Providing and constructing BRICK MASONRY in cement mortar as per mixes stipulated below using approved well burnt bricks of "CLASS DESIGNATION" (Classification as per I.S.1077-1986) as specified below, including raking out joints 10mm deep wherever required, curing, etc; complete at all lead and lifts all as per specifications (The mix ratio specified is for cement : coarse sand) USING BRICKS OF CLASS DESIGNATION "3.5"(Minimum Average Compressive strength not less than 3.5 N/sqmm) In foundation and plinth in cement mortar 1:6. Price includes fixing of chair bracket/rag bolt into masonry Complete all as directed by EIC.	item20	3.50	Cum		0.00

2.14	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	item21	1.00	Cum		0.00
2.15	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	item22	5.00	Sqm		0.00
2.16	Providing and fixing 20-40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush. (Rough or polished dholpur stone flooring)	item23	5.00	Sqm		0.00
2.17	Extra for additional lead for shifting of earth/any debris beyond 50 metre or part there of beyond 1st 50 metre up to 2 KM meter, including By mechanical loading, unloading and stacking	item24	5.00	Cum		0.00
3	<b>Modification of existing aluminum cabin of PIII &amp; PMI lab at FCIPT Campus, Plot No. A/10/B, GIDC, Sector – 25, Gandhinagar - 382016</b>					
3.01	<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 &amp; 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>	item25	16.00	Sqm		0.00

3.02	<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.</p> <p>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>NOTE: All fitting works shall be carried out as per I.S specifications including necessary rivets, screws, lugs, scaffolding, etc., complete all generally as per drawings. The sizes of the components should confirm as per details in drawings. The cost also included for sliding arrangements including locking arrangements of sliding window. For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)</p>	item26	70.00	Kg.		0.00
3.03	<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 separate items mentioned above for DOORS / WINDOWS / PARTITIONS etc., Using 5mm thick float glass (weight not less than 12.50 kg/sqm)</p>	item27	20.00	Sqm		0.00
3.04	<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>	item28	35.00	Rmt		0.00
3.05	<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>	item29	2.00	No		0.00
3.06	<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>	item30	4.00	No		0.00
3.07	<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>	item31	2.00	No		0.00

3.08	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.	item32	2.00	No		0.00
3.09	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	item33	400.00	Kg		0.00
3.10	Structural steel work for base plates, gussets plates, stiffeners, connecting plates etc including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	item34	15.00	Kg		0.00
3.11	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.	item35	25.00	Sqm		0.00
3.12	Providing and fixing of full threaded Anchor fastner - M10 x 100 with Epoxy resin anchor grout (chemical) including drilling in R.C.C. etc., for all height and levels etc., complete as instructed and directed by Engineer-in-charge. The Payment shall be made on the actual quantity of bolts fixed at the site.	item36	12.00	No.		0.00

3.13	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.	item37	12.00	Sqm		0.00
3.14	Removing and re- fixing at decided locations of existing aluminium/ Gypsum/Compact sheet/glass partitions, doors, windows as per directed by Engineer-in-charge.	item38	25.00	Sqm		0.00
3.15	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 .	item39	130.00	Rmt		0.00
3.16	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	item40	2.00	Each		0.00
<b>Total in Figures</b>						<b>0.00</b>
<b>Quoted Rate in Words</b>	<b>INR Zero Only</b>					

ampus, Plot No. A/10/B, GIDC, Sector-25,



ved to enter the Bidder Name and Values only ) - "Note:- a) For  
uments/cpwd\_publication.aspx) including material, workmanship,  
ecuted as per clauses mentioned in GCC and / or as directed by  
ard of relevant or Other Standards thereon. All respective items

y basis. The Debris from debris bin shall be cleared every month.  
hall be levied.  
complete as per directions of Engineer-in-charge. Payment of the

& agency has to deposit Bank Gurantee/ deposit as required.

ss, Diversions/ change of directions etc at his own cost during  
ages Act 1948 and as per provisions in contract conditions.

:hicken wire mesh at his own cost. No separate payment for any

y and record in the registers on daily basis / weekly basis or after

self with the sequence of work to be carried out and condition of

Eco friendly. iii) Approved by World Health Organization/Govt. of  
vhite ants, mosquito, seasonal insects, beetles, rodent, serpents,  
tandard Government guidelines with due regards to chemical and  
erials/chemicals used and /or incorporated into the work shall be

**TEXT #**

**TOTAL AMOUNT In Words**

INR Zero Only

INR Zero Only

INR Zero Only