

[Validate](#)[Print](#)[Help](#)[Item Rate BoQ](#)Tender Inviting Authority: **Dean (Admin)**Name of Work: **Miscellaneous Civil work at Existing library including sound proof partition at Institute for Plasma Research Campus, Bhat, Gandhinagar (IPR), – 382428, Gujarat.**Contract No: **IPR/TN/CIVIL/03/2023**

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 allowed to enter the Bidder Name and Values only )

**"Note:-**

1. For 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/Documents/cpwd\\_publication.aspx](https://cpwd.gov.in/Documents/cpwd_publication.aspx)) including material, workmanship, equipment's, IS code etc.
2. All the items are including scaffolding, curing, for all leads and lifts etc.
3. 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-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 Standard of relevant or Other Standards thereon.
4. All respective items should be as per the approved make / brands / list attached in Tender document"

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
SI. 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	TOTAL AMOUNT In Words
1	2	3	4	5	7	14	15

1	<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>For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)</p>	item1	400.00	Kg		0.00	INR Zero Only
2	<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>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 (Fittings shall be paid for separately) .</p> <p>Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).</p>	item2	75.00	Kg		0.00	INR Zero Only
3	<p>Providing and fixing Glass panes of selected glazing quality and thickness as specified below including providing and fixing EPDM rubber / neoprene 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 plain glass (weight not less than 12.50 kg/sqm)</p>	item3	25.00	Sqm		0.00	INR Zero Only

4	Providing and fixing compact sheet of 5 mm thickness and approved shade of approved Make 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. Rate also includes for providing hole compact sheet of required size and at required spacing.	item4	80.00	Sqm		0.00	INR Zero Only
5	Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183. Density 48 kg/m <sup>3</sup> , 50 mm thick, wrapped in 200G Virgin Polythene bags placed in between compact sheets for sound proof partition and held in position by criss-crossing GI wire.	item5	32.00	Sqm		0.00	INR Zero Only
6	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	item6	60.00	Sqm		0.00	INR Zero Only
7	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.All kinds of soil	item7	20.00	Cum		0.00	INR Zero Only
8	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 40/20 mm nominal size derived from natural sources)	item8	10.00	Cum		0.00	INR Zero Only
9	Centering and shuttering including strutting, propping etc. and removal of form work for :Foundations, footings, bases for columns	item9	23.00	Sqm		0.00	INR Zero Only
10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	item10	3.50	Cum		0.00	INR Zero Only
11	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	item11	300.00	Kg		0.00	INR Zero Only

12	Supply, Laying and Fixing in position under floor, against wall in chases PVC SWR Drainage pipes and specials, rubber rings conforming to Type "B" of IS:13592 of approved make as per manufacturers specification including cutting the pipes to required lengths, necessary excavation, converter if requires for connection to floor traps, chasing and restoring to original conditions, testing etc. complete. (Specials at junction of lateral pipe and and vertical stack must have access door for inspection) Complete all as directed by EIC. 110 mm dia (Min.wall thickness3.2mm)	item12	12.50	Rmt		0.00	INR Zero Only
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.	item13	10.00	Cum		0.00	INR Zero Only
14	Providing Mason with helper for cutting of grove and other miscellaneous work with required masonry tools and tackles etc, as directed by Engineer in charge. Any Consumable material will be provided by Institute.	item14	3.00	day		0.00	INR Zero Only
15	providing and fixing Dholpur stone slabs (Pink / Red) 18-20 mm thick polished/ rough in risers/trade of steps, skirting etc.in required design and pattern wherever required, stones of different finished surface texture, laid on 35 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.	item15	25.00	Sqm		0.00	INR Zero Only
16	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: Including scaffolding, curing etc	item16	10.00	Sqm		0.00	INR Zero Only
17	Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement 20 mm cement plaster Note: water proofing plaster for any lead and lift. Water proofing compound material shall be paid under respective item. NOTE: Including scaffolding, curing etc	item17	5.00	Sqm		0.00	INR Zero Only
18	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.	item18	10.00	Cum		0.00	INR Zero Only

19	<p>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.</p> <p>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 <b>is also covered under item.</b> Rates also includes scaffolding, covering of wool pile carpet and cleaning the same by vaccum after work completion. Measurements will be done as per relevant IS Code. Complete all as directed by EIC.</p>	item19	550.00	Sqm		0.00	INR Zero Only
20	<p>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.</p> <p>Note:-for internal walls only, Rates includes scaffolding, covering of wool pile carpet and cleaning the same by vaccum after work completion and sand papering of wall after putty. The thickness of putty should be 0.25 mm or more. Measurements will be done as per relevant IS Code</p>	item20	500.00	Sqm		0.00	INR Zero Only
21	<p>Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :</p> <p>Water thinnable cement primer</p> <p>Note:- For Internal wall only, rates includes scaffolding, covering of wool pile carpet and cleaning the same by vaccum after work completion. Measurements will be done as per relevant IS Code. Complete all as directed by EIC</p>	item21	500.00	Sqm		0.00	INR Zero Only
22	<p>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.</p> <p>TWO coat</p> <p>Note:- Rates includes scaffolding, covering of wool pile carpet and cleaning the same by vaccum after work completion, crack opening and filling with approved filler material. Measurements will be done as per relevant IS Code. Complete all as directed by EIC</p>	item22	500.00	Sqm		0.00	INR Zero Only
23	<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 / <b>wood primer (on wood surface) / zinc based primer (on metal surface)</b> 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. The surface area of MS members (railing etc) will be measured and paid. However measurements of doors and windows will be taken as per relevant IS code. Complete all as directed by EIC</p>	item23	50.00	Sqm		0.00	INR Zero Only

24	Finishing walls with textured exterior paint of required shade : <b>Old / New work</b> (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm Water thinnable cement primer Note:-Rates includes scaffolding, crack opening and filling with approved filler material. Measurements will be done as per relevant IS Code. The paint coefficient will be 1.00 irrespective of applying on plain / sand face plaster surface. No extra measurement will be paid for painting on rough or sand face plaster surface. Complete all as directed by EIC	item24	10.00	Sqm		0.00	INR Zero Only
25	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 inclusive of making adjustments and sorting it for smooth operation etc; complete all as per specifications.	item25	6.00	No		0.00	INR Zero Only
26	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete in all respect as directed by EIC.	item26	3.00	Cum		0.00	INR Zero Only
27	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. metres	item27	3.00	Each		0.00	INR Zero Only
28	Removing / Dismantling Existing wool pile carpet/ Mat flooring including removing of binding material in floors laid with gum/ fevicol/ any other binding material , disposing of the debris outside campus etc. complete as directed by engineer in charge.	item28	100.00	Sqm		0.00	INR Zero Only
29	Providing Carpenter with helper for shifting of door and other Misc. Carpentry work with required Carpentry tools and tackles etc, as directed by Engineer in charge. Any Consumable material will be provided by Institute.	item29	3.00	day		0.00	INR Zero Only
30	Dismantling stone slab flooring / dholpur / Kotastone laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. Note:- Serviceable and unserviceable material would be decided by Engineer In-Charge.	item30	15.00	Sqm		0.00	INR Zero Only
31	Providing and fixing Single Point Locking Handle (SPLH) for Windows made of Zamak/die cast aluminium and all accessories etc. complete. - 150 mm	item31	4.00	Each		0.00	INR Zero Only
32	Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/top hung Aliminum windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge. 400 x 19 x 1.9 mm	item32	16.00	Each		0.00	INR Zero Only

33	Repairing of cracks of the Gypsum 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 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	item33	20.00	Rmt		0.00	INR Zero Only
34	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete : 100X58X1.90 mm	item34	8.00	No.s		0.00	INR Zero Only
35	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	item35	4.00	No.s		0.00	INR Zero Only
36	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	item36	2.00	No.s		0.00	INR Zero Only
37	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. Twin rubber stopper	item37	2.00	No.s		0.00	INR Zero Only
38	Providing & Applying polymer modified, flexible cementitious negative side waterproofing coating 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.	item38	20.00	Sqm		0.00	INR Zero Only
<b>Total in Figures</b>						<b>0.00</b>	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>					