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Item Rate BoQ

Tender Inviting Authority: Dean (Admin)

Name of Work: Construction of Shed with RCC Platform and Transformer Foundation for EML Experimental Setup along with Chain-link fencing at Institute for Plasma Research Campus, Bhat, Gandhinagar. (IPR).

Contract No: IPR/TN/CIVIL-PR/01/2022

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 tender. Bidders are allowed to enter the Bidder Name and Values only)

"Note:-

1. The items of the work as mention below are to be carried out as per the details mentioned in CPWD Specification 2019 (Volumn -I and II).
2. 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.
3. All respective items should be as per the approved make / brands / list attached in Technical Bid.

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
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	TOTAL AMOUNT In Words
1	2	3	4	5	7	14	15
1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Complete in all respect as directed by EIC.	item1	272.00	Sqm		0.00	INR Zero Only

2	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. Complete in all respect as directed by EIC. All kinds of soil.	item2	55.39	Cum		0.00	INR Zero Only
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. Complete in all respect as directed by EIC.	item3	19.05	Cum		0.00	INR Zero Only
4	Carriage of Excavated sulphurs earth (soil), for a lead upto 3 km including loading, Unloading and disposal (outside campus), as directed by EIC. Complete in all respect as directed by EIC.	item4	36.34	Cum		0.00	INR Zero Only
5	Providing and laying in position Plain Cement Concrete (PCC) of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40/20 mm nominal size derived from natural sources) Complete in all respect as directed by EIC.	item5	24.48	Cum		0.00	INR Zero Only

6	<p>Providing and laying in position specified grade of Reinforced Cement Concrete (RCC), excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :-</p> <p>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) Complete in all respect as directed by EIC.</p>	item6	28.66	Cum		0.00	INR Zero Only
7	<p>Providing, Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns,Grade Slab, Coping etc. for mass concrete. Complete in all respect as directed by EIC.</p>	item7	78.79	Sqm		0.00	INR Zero Only
8	<p>Providing and laying Brick work with common burnt clay F.P.S. (non modular) bricks of Class Designation 5.0 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand) Complete in all respect as directed by EIC.</p>	item8	21.91	Cum		0.00	INR Zero Only
9	<p>Providing and laying 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 with sponge. Complete in all respect as directed by EIC.</p>	item9	65.69	Sqm		0.00	INR Zero Only
10	<p>Providing, laying, position and fixing of Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding with soft drawn annealed binding wire of dia not less than 1mm with 2 stands etc, all complete upto plinth level. Complete in all respect as directed by EIC.</p> <p>Thermo-Mechanically Treated bars of grade Fe-500D or more.</p>	item10	2.12	MT		0.00	INR Zero Only

11	Supplying and filling in plinth with Sand under floors, including watering, ramming, consolidating and dressing complete. Complete in all respect as directed by EIC.	item11	11.23	Cum		0.00	INR Zero Only
12	Providing , applying and Finishing walls with Acrylic Smooth Exterior Paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm). Complete in all respect as directed by EIC.	item12	64.54	Sqm		0.00	INR Zero Only
13	Providing, fabricating, and erection of Structural steel work, riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Complete in all respect as directed by EIC.	item13	3.25	MT		0.00	INR Zero Only
14	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating Minimum 70 grams per sqm as per IS: 277, in 550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Complete in all respect as directed by EIC.	item14	126.00	Sqm		0.00	INR Zero Only

15	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	item15	206.50	Sqm		0.00	INR Zero Only
16	Providing , applying and finishing Painting with aluminium paint of manufacture to give an even shade .Two or more coats on new work. Complete in all respect as directed by EIC.	item16	206.50	Sqm		0.00	INR Zero Only
17	Providing and filling in trenches, transformer area with hard graded stone aggregate obtained from an quarry and filled in trenches / wells / transformer area in uniform layers all as specified and directed. Complete in all respect as directed by EIC. for 40mm Coarse aggregate	item17	6.30	Cum		0.00	INR Zero Only
18	Providing and laying rubble hard core with granite stone, hand set in regular lines to even level, filling the interstices, with smaller stone chips and Sand, well rammed, watered and consolidated complying with standard specifications etc; in plinth below as sub-base to floors. Complete in all respect as directed by EIC. 230mm consolidated thickness	item18	17.32	Cum		0.00	INR Zero Only
19	Providing , applying and finishing Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Complete in all respect as directed by EIC. Two or more coats on new work	item19	174.04	Sqm		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					