

QUOTATION DOCUMENT

Name of Bidder :

Sealed Quotations are invited on behalf of the Director, IISER TVM and will be received in the Office of the Project Engineer cum Estate Officer (I/C), IISER TVM Vithura campus from contractors/agencies for the following works at IISER TVM Vithura Campus, Thiruvananthapuram District, Kerala.

Name of Work	PAC	EMD
<i>Construction of masonry partition at Lab 2211 and aluminium partition near 2107 for insect facility in Biological Sciences block at IISER Campus, Vithura</i>	Rs.3.85 Lakh	Rs.7,700/-

The period of completion of the work is 45 days.

The filled & duly signed Quotation Documents and Schedule of Quantities (SOQ) should always be placed in sealed cloth lined cover super-scribing the name of work will be received in the Office of the Project Engineer cum Estate Officer (I/C), IISER TVM, Maruthamala P.O., Thiruvananthapuram-695551 Up to 13.09.2022 - 16.15 Hrs and will be opened by authorized officer of IISER TVM on 13.09.2022 at 16.30 Hrs in the presence of tenderers or their representatives who would like to be present. In case of representatives the Authorization letter should be produced to within the tender opening.



 05-09-2022

Project Engineer cum Estate Officer(I/C)
IISER TVM

OTHER TERMS AND CONDITIONS

1. The contractor shall observe all security and safety requirements of the Institute and also fulfil other statutory requirements as prescribed by the Government.
2. No facility of conveyance, lodging, food etc. shall be provided by the department.
3. In case of breach of contract at any stage, the department reserves the right to withhold the payment and take suitable action as deemed appropriate.
4. Department will not be hold responsible for any causalities via fatal or non-fatal caused for the workers etc., while inside the campus during his work.
5. Insurance coverage against fatality and medical assistance for injuries shall be the sole responsibility of the contractor and not the department. Hence no claim what so ever on these ground shall be entertained.
6. The contractor shall ensure that minimum wages are paid to their workers deployed in the campus as per the prevailing minimum wages act.
7. The Contractor shall ensure full compliance with tax laws, labour laws, etc with regard to this Contract and shall be solely responsible for the same. The contractor shall keep IISER TVM fully indemnified against liability of tax, interest, penalty, ESI, EPF, etc., of the Contractor in respect thereof, which may arise.
8. In the present scenario the contractor shall strictly follow the practice enforced by the Government as well as the Institute from time to time with respect to the Covid-19.
9. Contractor shall maintain necessary log books, registers, day to day work details, etc.
11. Performance Guarantee - 5% of tendered/accepted value. Performance guarantee deposited by the contractor shall be released after satisfactory completion of work.
12. Security Deposit - 2.5% of tendered/accepted value. Security deposit will be recovered at the rate of 5% of the gross value of the running account bills.
14. Quotations with any condition, including conditional rebates, shall be rejected.
15. GENERAL RULES & DIRECTIONS: General Conditions of Contract for CPWD Construction Works-2020 with up to date amendments (As on date of opening of price bid) shall be read with NIQ.
16. Specifications to be followed:
 - i. Specification as mentioned in the tender documents
 - ii. CPWD General specification

- iii. IS specification
- iv. Original Equipment Manufacturer's specification
- v. Engineer in Charge's decision

17. Rates quoted by the Contractor in item rate tender in figures and words shall be accurately filled in, so that there is no discrepancy between the rates written in figures and words. However, if a discrepancy is found, it will be dealt as follows:-

- i. The rate which correspond with the amount worked out by the Contractor shall be taken as correct.
- ii. If the amount of an item is not worked out by the Contractor or if it does not correspond with the rate written either in figures or words, then the rate quoted by the Contractor in words shall be taken as correct.
- iii. Where the rates quoted by the Contractor in figures and in words tally but the amount is not worked out correctly the rate quoted by the Contractor will be taken as correct and not the amount.
- iv. In the case of any quotation where unit rate of any item/items appears unrealistic, such quotation will be considered as unbalanced and in case the contractor is unable to provide satisfactory explanation, such a quotation is liable to be disqualified and rejected.
- v. All documents of the quotation are to be read in conjunction with each other and rates quoted accordingly by the bidder.

Project Engineer Cum Estate Officer (I/C)

Construction of masonry partition at Lab 2211 and aluminium partition near 2107 for insect facility in Biological Sciences block at IISER Campus, Vithura

Schedule of Quantities

Item No	Description	Qty	Unit	Rate (In figures & words)	Amount Rs. P.s.
<i>Note : Rates quoted shall be inclusive of all overhead expenses, all taxes, levies, octroi charges, loading & unloading charges, etc and no extra claim shall be entertained.</i>					
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.	30.00	Sqm		
a)	Cement mortar 1:4 (1 cement :4 coarse sand)				
2	Providing and Constructing Hollow Cement Concrete block masonry in Cement Mortar 1:6 (1 cement : 6 coarse sand) using factory made, load bearing, approved quality Cement Concrete blocks of specified size, Grade A (3.5) as per IS:2185 (Part-I) 2005. Density of blocks not less than 1500 kg/cum. Minimum average Compressive strength of units 3.5N /sqmm and Minimum strength of individual units 2.8N /sqmm, set to level plumb including setting in position, providing scaffolding, curing, raking out joints wherever required etc., complete with all leads and all as per specification and directions of the Engineer-in-charge.				
a)	IN SUPERSTRUCTURE UPTO FLOOR V LEVEL For 200mm thick walls	1.50	Cum		
3	12 mm cement plaster of mix :				
a)	1:6 (1 cement: 6 fine sand)	76.00	Sqm		
4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	70.00	Sqm		
5	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :				
a)	Two or more coats on new work	76.00	Sqm		

Item No	Description	Qty	Unit	Rate (In figures & words)	Rs.	Amount Rs.
6	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. 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)					
a)	Fixed Portion					
i)	Powder coated aluminium (minimum thickness of powder coating 50 micron)	210.00	Kg			
b)	For shutters of doors, windows & 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)					
i)	Powder coated aluminium (minimum thickness of powder coating 50 micron)	32.00	Kg.			
7	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows, shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.					
a)	Pre-laminated particle board with decorative lamination on both sides	47.00	Sqm.			
8	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.					
a)	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	3.60	Sqm.			
9	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 :					
a)	125 mm	6.00	Nos			

Item No	Description	Qty	Unit	Rate (In figures & words)	Amount Rs.
10	Providing and fixing bright finished aluminium door lock without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer-in-charge.	3.00	Nos		
11	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	3.00	Nos		
12	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.	3.00	Nos		
a)	a) Twin rubber stopper	3.00	Nos		
13	Providing and Fixing 15 mm thick densified regular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls / partitions on a Perimeter wall angle pre-coated steel of size(24x24x3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like: diffusers, grills, light fittings, fixtures, smoke detectors etc., whenever required. Main "T" runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main "T", bottom exposed with 24 mm of all T sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum) light reflection > 85%, non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.	16.00	Sqm		
	Total				