



Institute Works Department

Ref. No.: IIT(BHU)/IWD/CT/07/Bio-Medical/2018-19/560

Dated: 29 May, 2018

QUOTATION NOTICE

1. Limited tender quotation are invited among UWD, BHU empanelled contractors and also those contractors who had worked in erstwhile IT(BHU) before conversion i.e. 29.06.2012 for **construction of working platform with granite & Aluminium partition, and distemping work of lab in Department of Bio-Medical Engineering, IIT(BHU), Varanasi** as per description below. The sealed envelope containing quotation shall be superscribed with the name of the work, tender enquiry ref. no. & date. The quotations will be received up to **3:00 P.M on or before 07.06.2018** in the office of Chairman, Institute Works Department, IIT(BHU), Varanasi.

S. No	Description of items	Qty.	Rate	Unit	Amount
1	Demolishing cement concrete manually / by mechanical means and disposal of material within 50 metres lead as per direction of Engineer in charge.				
	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) (15.2.1)	2.00	cum	cum	
2	Demolishing brick work 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:				
	In cement mortar (15.7.4)	1.00	cum	cum	
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	Of area 3 sq. metres and below (15.12.1)	2	Nos	Each	
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in:				
	Cement mortar 1:6 (1 cement : 6 coarse sand) (6.4.2)	0.50	cum	cum	
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 75 in superstructure above plinth level up to floor V level :				





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	Cement mortar 1:4 (1 Cement : 4 coarse sand) (6.13.2)	4.00	sqm		sqm	
6	12 mm cement plaster of mix :					
	1:6 (1 cement : 6 coarse sand) (13.4.2)	24.00	sqm		sqm	
7	15 mm cement plaster on rough side of single or half brick wall of mix :					
	1:6 (1 cement : 6 coarse sand) (13.5.2)	9.00	sqm		sqm	
8	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc. up to floor five level, excluding the cost of centering, shuttering and finishing:					
	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (4.2.3)	0.50	cum		cum	
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement with (a) 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) (5.3)	1.00	cum		cum	
10	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete .					
	Thermo-Mechanically Treated bars. (5.22.6)	94.00	kg		kg	
11	Centering and shuttering including strutting, propping etc. and removal of form for:					
	Suspended floors, roofs, landings, balconies and access platform. (5.9.3)	11.00	sqm		sqm	



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12	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 Cement : 4 coarse sand) with joints treated with white cement ,mixed with matching pigment, epoxy touch ups, including rubbing ,curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels.					
	Granite of any colour and shade					
	Area of slab over 0.50 sqm (8.2.2.2)	11.00	sqm		sqm	
13	Removing dry or oil bound distemper, water proffing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete (14.46)	52.00	sqm		sqm	
14	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. (13.80)	52.00	sqm		sqm	
15	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade					
	New work (two or more coats) over and including water thinnable priming coat with cement primer (13.41.1)	52.00	sqm		sqm	
16	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:					
	One or more coats on old work. (14.54.1)	50.00	sqm		sqm	





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17	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 & size, including necessary filling up the gaps at junctions, i.e. 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 / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately.)					
	For fixed portion					
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15). (21.1.1.1)	316.00	kg		kg	
18	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or garded wood particle board conforming to IS : 12823 Grade I Type II, in panelling 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.					
	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side (21.2.1)	12.00	sqm		sqm	
19	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 . (Cost of aluminium snap beading shall be paid in basic item.)					





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	With float glass panes of 5.50 mm thickness (21.3.2)	28.00	sqm		sqm	
20	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 (9.100.1)	8	Nos		Each	
21	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc.complete. (21.13)	3	Nos		Each	
22	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 701mm to 1000mm), with double speed adjustment with necessary accessories and screws etc. complete. (9.84)	3	Nos		Each	
23	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 (9.101.2)	4	Nos		Each	
24	Providing and fixing aluminium sliding door 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 nuts and screws etc. complete :					
	300x16 mm (9.96.1)	2	Nos.		each	
25	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:					
	250x10 mm (9.97.2)	4	Nos		each	



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26	<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main “T” runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross “T” of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main “T” at 600 mm center to center to form a grid of 1200x600 mm and secondary cross “T” of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc.</p>				
	<p>Main “T” runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p>				





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	8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing. (12.58.1)	9.00	sqm		sqm	
27	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and 40mm C.P.brass trap with necessary C.P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required:					
	Size 600x450x200mm (17.11.2)	1.00	each		each	
28	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.as required.					
	In gratings, frames, guard bar, ladders, railings, brackets, gates & similar works. (10.25.2)	24.00	Kg.		Kg.	
29	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part-I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :					
	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws. (9.21.1)	3.00	sqm		sqm	
30	Cartage of Malba (Approved Rate)	5	Per Trip		Per Trip	



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INCLUSIVE OF GST AND ALL OTHER TAXES TOTAL ₹	
AMOUNT IN WORD Rs.	

- The bidders should submit self certified order copies of similar type of construction works executed during last three financial years alongwith self certified copies of satisfactory work completion certificates.
- Those bidders who have already executed similar type of works in IWD, IIT(BHU) need not submit satisfactory work completion certificates. They should submit only the self certified copies of earlier work orders.
- The amount of similar work order executed during preceding last three financial years should be at least:
 - 1 order of 80% of estimated cost of this work.
OR
 - 2 order of 60% of estimated cost of this work.
OR
 - 3 order of 40% of estimated cost of this work.
- (a) Intending bidder should have average annual financial turnover of at least at least 30% of the estimated cost of this works during preceding last three financial years. **Self certified photocopies of certificate from CA to be submitted with bid.**
(b) Should not have incurred any loss in more than three years during the preceding three financial years ending 31st March, 2017. **Self Certified photocopy of certificate from CA to be submitted alongwith last five years Profit & Loss Account to be submitted with bid.**
(c) Should have a solvency certificate of 40% of the estimated cost issued by Bank during the last six months. **Certified copy of original solvency certificate to be submitted with bid.**
- Any bid submitted without the above mentioned documents in support of criteria laid down from Sl. No. 2 to 5 above shall be treated as unresponsive and may not be considered for further evaluation by the tender opening committee.
- The quotation forms complete in all aspects along with all required documents should be submitted in sealed envelope along with **tender fee of ₹ 500/-** in the form of demand draft drawn in favour of the Registrar, IIT (BHU), payable at Varanasi.
- The estimated cost of this work is ₹ **02,58,283.00** The **earnest money deposit** of ₹ **05,500/-** shall be submitted in the form of FDR or DD in favour of the Registrar, IIT (BHU), payable at Varanasi. The **EMD** of successful bidder will be retained till the completion of work and shall be returned





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after the payment of final bill & deduction of security. The EMD of unsuccessful bidders shall be returned after the final award of work.

9. In case one or more eligible bidders are found lowest that is the L-1 prices are same then all L-1 bidders will be asked to resubmit their bids in sealed envelop with the objective to break the tie cases and determine a single L-1 bidder.
10. The works will be executed on Agreement/work order basis.
11. Institute reserves the right to reject any quotation or all quotation without prejudice, assigning any reason or giving any explanation.
12. If quotation are submitted without clearly writing the rates then quotation will not be considered.
13. Quotation not signed by the contractor or his legally authorized agent will be considered invalid.
14. **Security deposit @ 5%** shall be deducted from each bill. The security deposit of 5% deducted from all the bills will be refunded after completion of the defect liability period i.e. 6 months from the date of final payment of bill and issue of no defect found certificate from IWD. The date of issue of work completion certificate will be treated as the work completion date.
15. 1% water tax will be deducted from each bill, wherever applicable.
16. Electricity charge will deducted as per actual consumption.
17. 2% Income Tax and other applicable taxes such as GST etc. shall be deducted as per applicable Govt. rules.
18. **Amount and quantity variation**: Quantity may vary as per actual work execution/site requirement/end user suggested changes during execution but the final bill value shall not exceed more than 5% of order value.
19. **Work completion period**: Within 60 days from the issue of work order/date of agreement. Work completion certificate shall be issued by the IWD after obtaining a satisfactory work done report from the user. A period of 10 days will be added to the work completion period for completion of above procedure.
20. **Late work completion penalty**: If work is not completed within the given time, penalty will be deducted as per institute norms.
21. Any damage caused to the building shall have to be made good by contractor at no extra cost & without any delay.
22. Duly completed tender document alongwith Quotation form, tender fee & E.M.D. should be sealed in one Envelop which should be superscribed with Name of work, Tender Reference No. & date submitted on or before the last date & time as mentioned at S. No. 1 above.





भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

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23. The empty containers of paint/adhesive/chemicals etc. used in the work are to be returned to the custody of Engineer-in-charge.
24. The bids submitted after the last date & time will not be considered for opening. The bids received within the last date & time will be opened on 08.06.2018 at 3:00 P.M. in the Committee room (Ground Floor) of the Administrative Building, IIT(BHU), Varanasi.

Sd-
Assistant Registrar & Member Secretary
IWC, IIT(BHU),
Varanasi



QUOTATION FORM

Tender Ref. No. IIT(BHU)/IWD/CT/07/Bio-Medical/2018-19/560 Dated: 29 May, 2018

The Chairman (IWC),
Institute Works Department,
Indian Institute of Technology(BHU),
Varanasi-221005

Subject: Quotation for
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Dear Sir,

With reference to the Quotation invited by you for the captioned work. I/We do hereby offer to perform, provide, execute, complete and maintain work in conformity with the drawing, conditions of tender, articles of agreement conditions of contract, specification and quantities of the sum of Rs. _____
(Rupees _____
_____) at the respective rates mentioned in the quotations.

My/Our quotation will remain open for acceptance for 12 months from the date of its opening.

I have submitting tender fee of Rs. 500/- vide DD No. _____ dated _____ drawn on _____ (Name of Bank).

I have submitted EMD of Rs. _____ Vide FDR/DD No. _____ dated _____ issued by _____ (Name of Bank)

I have enclosed self attached copy of PAN No. and GSTIN alongwith the bid.

My email id _____ for all future correspondence regarding this bid including communication of work order is _____

_____ and mobile no. is _____

(Note: Any information left black such as email id, mobile number, PAN & GSTIN etc. may lead to rejection of bid as non-responsive)

Yours faithfully,

Date: _____

(Signature of contractor with seal)

