



Institute Works Department

Ref. No.: IIT(BHU)/IWD/CT/81/Aryabhata-I/2017-18/2544

Dated: 07 March, 2018

QUOTATION NOTICE

1. Open tender quotation are invited from **empanelled and eligible contractors/vendors of IWD, UWD(BHU), and those of appropriate list of C.P.W.D. for renovation of toilets (G. floor, south-west corner) of Aryabhata-I hostel, IIT(BHU), Varanasi** as per description below. The sealed envelope containing quotation shall be superscripted 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 26.03.2018** in the office of Chairman, Institute Works Department, IIT(BHU), Varanasi.

S. N.	Description of Items	Qty.		Rate	Unit	Amount
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.					
	For thickness of tiles 10 mm to 25 mm (15.23.1)	214.00	Sqm		Sqm	
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. (15.56)	10.00	Sqm		Sqm	
3	Demolishing cement concrete manually / by mechanical means and disposal of material within 50 metres lead as per direction of Engineer in charge.					
(A)	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) (15.2.1)	7.00	cum		cum	
(B)	Nominal concrete 1:4:8 or leaner mix (i/c equivalent desing mix) (15.2.2)	10.00	cum		cum	
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowk hats, architrave, holdfasts etc. complete and stacking within 50 metres lead:					
	of area 3 sq. metres and below (15.12.1)	12	nos		each	
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:					
	of area 3 sq. metres and below (15.13.1)	2	Nos		each	
6	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead					



Institute Works Department

	as per direction of Engineer-in-charge:					
	In cement mortar (15.7.4)	24.00	cum		cum	
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 50m					
	All kinds of soil. (2.8.1)	4.00	Cum		Cum	
8	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 50m and lift up to 1.5m. (2.25)	4.00	cum		cum	
9	Providing and laying 75 mm thick compacted bed of dry brick aggregate of 40 mm thick nominal size including spreading, well ramming, consolidating and grouting with jamuna sand, including finishing smooth etc. complete as per direction of Engineer-in-charge. (16.64)	3.00	Sqm		Sqm	
10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level					
	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) (4.1.8)	6.00	cum		cum	
11	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in :					
	Cement mortar 1:6 (1 cement : 6 coarse sand) (6.1.2)	3.00	cum		cum	
12	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 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)	8.00	cum		cum	
13	Half brick masonry with bricks of class designation 7.5 in foundations and plinth in :					



Institute Works Department

	Cement mortar 1:4 (1 Cement : 4 coarse sand) (6.12.2)	49.00	Sqm		Sqm	
14	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor five level excluding cost of centering, shuttering, finishing and reinforcement :					
	1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) (5.2.2)	3.50	cum		cum	
15	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete .					
	Thermo-Mechanically Treated bars. (5.22A.6)	415.00	kg		kg	
16	Centering and shuttering including strutting, propping etc. and removal of form for:					
	Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12mm thick (5.9.21)	29.00	Sqm		Sqm	
17	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except begundy, bottle green, black of any size as approved by Eningeer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of Cement Mortar 1:3 (1 Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. (11.36)	178.00	Sqm		Sqm	
18	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours such as White, Ivory, Grey, Fume Red Brown laid on 20mm thick bed of Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (11.37)	44.00	Sqm		Sqm	
19	12 mm cement plaster of mix :					
	1:6 (1 cement : 6 coarse sand) (13.4.2)	84.00	Sqm		Sqm	



Institute Works Department

20	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)	126.00	Sqm		Sqm	
21	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 (14.46)	60.00	Sqm		Sqm	
22	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)	81.00	Sqm		Sqm	
23	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)	81.00	Sqm		Sqm	
24	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 @2.20kg/ 10 sqm) (13.46.1)	21.00	Sqm		Sqm	
25	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
	Two or more coats on new work (13.61.1)	12.00	Sqm		Sqm	
26	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.:					
	White Vitreous china Orissa pattern W.C. pan. of size 580x440mm with integral type foot rests (17.1.1)	1	nos		each	



Institute Works Department

27	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :					
	W.C. pan with ISI marked white solid plastic seat and lid (17.2.1)	5	nos		each	
28	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass including painting of fittings and cutting and making good the walls and floors wherever required:					
	Single half stall urinal with 5 litre P.V.C. automatic flushing cistern. (17.5.1)	2	Nos		each	
29	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :					
	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap (17.7.2)	2	Nos		each	
30	Providing and fixing 600x450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (17.31)	2	Nos		each	
31	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.					
	450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88mm, weigh in not less than 170gms. (17.73.1)	6	Nos		each	



Institute Works Department

32	Providing and fixing soil, waste and vent pipes: 100 mm dia. Centrifugally cast (spun) iron socket & spigot (S &S) pipe as per IS :3989 (17.35.1.2)	49.00	mtr		mtr	
33	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - exposed on wall					
(A)	15mm dia. nominal bore (18.10.1)	30.00	mtr		mtr	
(B)	20mm dia. nominal bore (18.10.2)	10.00	mtr		mtr	
34	Providing and fixing plain bend of required degree. 100 mm Sand cast iron S&S as per IS: - 3989 (17.39.1.2)	12	nos		each	
35	Providing and fixing brass bib cock of approved quality. 15 mm nominal bore (18.15.1)	12	nos		each	
36	Providing and fixing collar: 100 mm Sand cast iron S&S as per IS: - 3989 (17.57.1.2)	10	nos		each	
37	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100 mm Sand cast iron S&S as per IS:- 3989 (17.38.1.2)	7	Nos		each	
38	Providing and fixing toilet paper holder C.P. brass (17.34.1)	6	Nos		each	
39	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300gms (17.74)	6	Nos		each	
40	Providing and fixing single equal plain junction of required degree : 100x100x100 mm Sand cast iron S&S as per IS - 3989 (17.44.1.2)	10	nos		each	
41	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including					



Institute Works Department

	cost of cutting and making good the walls and floors :					
	100 mm inlet and 100 mm outlet					
	Sand cast iron S&S as per IS: - 3989 (17.60.1.1)	10	nos		each	
42	Providing and fixing 100mm sand cast Iron grating for gully trap. (17.29)	16	Nos		each	
43	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter:					
	100 mm (17.58.1)	75	nos		each	
44	Providing and fixing on wall face unplasticised - Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. (i) Single socketed pipes.					
	110 mm diameter (12.41.2)	5.00	mtr		mtr	
45	Providing and fixing M.S. stays and clamps for sand cast iron/ centrifugally cast (spun) iron pipes of diameter :					
	110 mm (17.59.1)	4	nos		each	
46	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete					
	150 mm diameter (19.1.2)	2.00	mtr		mtr	
47	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) upto haunches of S.W. pipes including bed concrete as per standard design :					
	150 mm diameter S.W. pipe (19.3.2)	2.00	mtr		mtr	
48	Constructing brick masonry road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450mm pre-cast R.C.C. horizontal grating with frame complete as per standard design:					
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (19.27.1)	1	nos		each	



Institute Works Department

49	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete.					
	25 to 40 mm nominal bore (18.13.1)	1	nos		each	
50	Carriage of Melba. (Approved Rate)	1	Trip		Trip	
INCLUSIVE OF GST AND ALL OTHER TAXES TOTAL ₹						
AMOUNT IN WORD Rs.						

2. 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.
3. 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.
4. The amount of similar work order executed during preceding last three financial years should be at least:
 - (i) 1 order of 80% of estimated cost of this work.
OR
 - (ii) 2 order of 60% of estimated cost of this work.
OR
 - (iii) 3 order of 40% of estimated cost of this work.
5. (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.**
6. 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.



Institute Works Department

7. 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
8. The estimated cost of this work is ₹ **5,99,333.00** The **earnest money deposit** of ₹ **12,000/-** 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 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. 1% water tax will be deducted from each bill, wherever applicable.
15. Electricity charge will deducted as per actual consumption.
16. 2% Income Tax and other applicable taxes such as GST etc. shall be deducted as per applicable Govt. rules.
17. **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.
18. **Work completion period**: Within 90 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.
19. **Late work completion penalty**: If work is not completed within the given time, penalty will be deducted 1% per week or part thereof, subject to a maximum of 10% of work order value.
20. Any damage caused to the building shall have to be made good by contractor at no extra cost & without any delay.



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Institute Works Department

21. Duly completed tender document alongwith eligibility criteria documents, 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.
22. The empty containers of paint/adhesive/chemicals etc. used in the work are to be returned to the custody of Engineer-in-charge.
23. 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 27.03.2018 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

Ref. No:

Dated:

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

Sub: Quotation for _____

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.

Yours faithfully,

Date: _____

(Signature of contractor with seal)