



Institute Works Department

Ref. No.: IIT(BHU)/IWD/CT-41/2019-20/1345

Dated: 11 Oct., 2019

QUOTATION NOTICE

1. Limited tender quotations are invited from UWD, BHU empanelled contractors and those contractors who had worked in erstwhile IT(BHU) before conversion i.e. 29.06.2012 for **Renovation of toilet (in front of Class rooms G-1 and at office area) in Department of Civil 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 18.10.2019** in the office of the Superintending Engineer, Institute Works Department, IIT(BHU), Varanasi.

S.No	Description of items	Qty.	Rate	Unit	Amount
1	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 :				
	Cement mortar 1:4 (1 Cement : 4 coarse sand) (6.13.2)	7.00	sqm	sqm	
2	12 mm cement plaster of mix :				
	1:6 (1 cement : 6 coarse sand) (13.4.2)	17.00	sqm	sqm	
3	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)	7.00	sqm	sqm	
4	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	
5	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	
6	Centering and shuttering including strutting, propping etc. and removal of form for:				
	Suspended floors, roofs, landings, balconies and access platform. (5.9.3)	6.00	sqm	sqm	
7	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				



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	Area of slab over 0.50 sqm (8.2.2.2)	4.00	sqm		sqm	
8	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					
	75 mm diameter (12.41.1)	27	metre		metre	
9	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for 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.					
	(a) Bend 87.5° (75 mm bend) (12.42.5.1)	6	Nos		each	
	(b) Shoe (plain) 75 mmdia (12.42.6.1)	3	Nos		each	
	(c) Coupler 75 mm (12.42.1.1)	3	Nos		each	
10	Providing and fixing M.S. stays and clamps for sand cast iron/centrifugally cast (spun) iron pipes of diameter:					
	75 mm (17.59.2)	9	Nos		each	
11	Demolishing cement concrete manually/ by mechanical means including 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)	4.00	cum		cum	
12	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)	3.00	cum		cum	
13	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	
14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level					
	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (4.1.3)	4.00	cum		cum	
15	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)	47.00	sqm		sqm	
16	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)	28.00	metre		metre	
17	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter:					
	100 mm (17.58.1)	74	Nos.		each	



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18	Providing and fixing collar :				
	100 mm				
	Sand cast iron S&S as per IS - 3989 (17.57.1.2)	9	Nos.	each	
19	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)	3	Nos.	each	
20	Providing and fixing plain bend of required degree.				
	100 mm				
	Sand cast iron S&S as per IS: - 3989 (17.39.1.2)	11	Nos.	each	
21	Providing and fixing single equal plain junction of required degree.				
	100x100x100mm				
	Sand cast iron S&S as per IS: - 3989 (17.44.1.2)	9	Nos.	each	
22	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including 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)	11	Nos.	each	
23	Providing and fixing 100mm sand cast Iron grating for gully trap.(17.29)	9	Nos.	each	
24	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	
25	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)	1	Nos.	each	
26	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	
27	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				



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	Semi rigid pipe				
	32 mm dia (17.28.1.1)	9	Nos.		each
28	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (17.31)	3	Nos.		each
29	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete.				
	For pipes 100 to 250 mm diameter (19.21.1)	2	Nos		each
30	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)	14.00	metre		metre
	(b) 25mm dia. nominal bore (18.10.3)	2.00	metre		metre
31	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
	a) 15 mm nominal bore (18.49.1)	5	Nos.		each
32	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931				
	a) 15 mm nominal bore (18.52.1)	5	Nos.		each
33	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)	2	Nos.		each
34	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work.				
	25 mm diameter pipe. (18.38.3)	2.00	metre		metre
35	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)	88.00	sqm		sqm



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36	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)	24.00	sqm		sqm	
37	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)	111.00	sqm		sqm	
38	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)	111.00	sqm		sqm	
39	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)	111.00	sqm		sqm	
40	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm 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)	4	Nos		each	
41	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:					
	(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.					
	(ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.					
	(iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area.					
	(iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/ sqm). (22.3)	11.00	sqm		sqm	



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42	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50m				
	All kinds of soil				
	Pipes, cables etc. exceeding 80mm dia. but not exceeding 300 mm dia. (2.10.1.2)	9.00	metre		metre
43	Providing, laying and jointing glazed stoneware Class SP-1 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)	9.00	metre		metre
44	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all round S.W. pipes including bed concrete as per standard design:				
	150 mm diameter S.W. pipe (19.2.2)	9.00	metre		metre
45	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with 75 class designation bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455 x 610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:				
	Inside dimensions 455x610 mm and 45 cm deep for single pipe line-				
	With F.P.S. bricks (19.30.1.1)	2	Nos		each
46	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)	88.00	sqm		sqm
47	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-				
	(a) White Vitreous China Wash basin size 550x400 mm with 15 mm CP Brass single hole basin mixer (17.7A)	1	Nos.		each



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48	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. (17.8)	3	Nos.	each	
49	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge (17.16A)	1	Nos.	each	
50	Providing and fixing toilet paper holder :				
	C.P. brass (17.34.1)	2	Nos.	each	
51	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/ make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge. (17.81)	1	Nos.	each	
52	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms. (17.71)	2	Nos.	each	
53	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms. (17.73.2)	3	Nos.	each	
54	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.				
	White Agaria Marble Stone				
	Granite Stone of approved shade (8.10.2)	8.00	sqm	sqm	
55	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge. (17.80)	5	Nos.	each	
56	Carriage of Malba (approved rate)	10.00	trip	per trip	
					Total Rs.



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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 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, 2019. **Self-Certified photocopy of certificate from CA to be submitted alongwith last three 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.
7. The quotation forms complete in all aspects along with all required documents should be submitted in sealed envelope along with **tender fee of Rs. 500.00 + Rs. 90.00 (GST @ 18%) = Rs. 590.00** in the form of demand draft drawn in favour of the Registrar, IIT (BHU), payable at Varanasi.



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8. The estimated cost of this work is **Rs. 4,19,158.50**. The **Earnest Money Deposit** of **Rs. 10,500.00** 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 until the completion of work and shall be returned after the payment of final bill & deduction of security deposit. The EMD of unsuccessful bidders shall be returned after the final award of work.
9. In case of tie between two or more bidders at L-1 price, all L-1 bidders shall be asked to resubmit their bids in sealed envelope with the objective to break the tie to obtained 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, prior notice, or any explanation/justification.
12. If a quotation is submitted without mentioning explicit rate of each item, quotation will not be considered for further processing.
13. Quotation(s), if not duly signed by the contractor or his legally authorized partner, if any, 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 payment of final bill and confirmation of no defect from IWD engineering wing. The date of work completion will be counted as the date of payment of final bill.
15. 1% water tax will be deducted from each bill, wherever applicable.
16. Electricity charge will be deducted as per the 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.



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19. **Work completion period:** Within **45 days** from the issue of the work order/date of agreement. A period of 03 days will be added to the allocated period for the completion of this work.
20. **Late work completion penalty:** If work is not completed within the given time, penalty will be deducted as per institute norms. **It will be implemented in verbatim with no excuse to be entertained for whatsoever be the reason.**
21. Any damage caused to the building shall have to be made good by contractor at no extra cost & without any delay.
22. Site must be cleared, and made neat and clean. Any waste material resulted out of the work execution must be disposed of to the specified location identified by the Assistant Engineer, IWD. If not, 1% extra charges shall be deducted from the bill to dispose of the malba.
23. Duly completed tender document alongwith Quotation form, tender fee & E.M.D. should be sealed in one envelope, which is superscribed with Name of work, Tender Reference No. & date submitted on or before the last date & time as mentioned at S. No. 1 above.
24. The empty containers of paint/adhesive/chemicals etc. used in the work are to be returned to the custody of Assistant Engineer, IWD.
25. 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 18.10.2019 at 3:30 P.M.** in the office of Institute Works Department, IIT(BHU), Varanasi.

Sd-

Superintending Engineer
IWD, IIT(BHU), Varanasi



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Institute Works Department

QUOTATION FORM

Ref. No.: IIT(BHU)/IWD/CT-41/2019-20/1345

Dated: **11 Oct., 2019**

The Superintending Engineer
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. 590/-** 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 blank 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)

