



Institute Works Department

Ref. No.: IIT(BHU)/IWD/CT/24/2018-19/827

Dated 29 June, 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 toilet in existing building of G-4 and renovation of toilet near the room of Prof. Gautam Banrjee 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 09.07.2018** in the office of Chairman, Institute Works Department, IIT(BHU), Varanasi.

| S. No | 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) | 24.00 | sqm | | sqm | |
| 2 | 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) | 2.00 | cum | | cum | |
| 3 | 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 | |



Institute Works Department

| | | | | | | |
|---|---|-------|-----|--|-----|--|
| 4 | 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) | 12.00 | Cum | | Cum | |
| 5 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level | | | | | |
| | (a) 1:4:8 (1 Cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size) (4.1.8) | 5.00 | cum | | cum | |
| | (b) 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (4.1.3) | 3.00 | cum | | cum | |
| 6 | 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) | 8.00 | cum | | cum | |
| 7 | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work upto plinth level | | | | | |
| | 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) (5.1.2) | 1.00 | cum | | cum | |



Institute Works Department

| | | | | | | |
|----|--|--------|-----|--|-----|--|
| 8 | Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size). (5.3) | 2.00 | cum | | cum | |
| 9 | Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete . | | | | | |
| | Thermo-Mechanically Treated bars. (5.22.6) | 283.00 | kg | | kg | |
| 10 | Centering and shuttering including strutting, propping etc. and removal of form for: | | | | | |
| | Lintels, beams, plinth beams, girders, bressumers and cantilevers. (5.9.5) | 9.00 | sqm | | sqm | |
| 11 | 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) | 7.00 | cum | | cum | |
| 12 | 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. | 11.00 | sqm | | sqm | |



Institute Works Department

| | | | | | | |
|----|--|-------|-------|--|-------|--|
| | (16.64) | | | | | |
| 13 | 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) | 19.00 | sqm | | sqm | |
| 14 | 12 mm cement plaster of mix : | | | | | |
| | 1:6 (1 cement: 6 coarse sand) (13.4.2) | 28.00 | sqm | | sqm | |
| 15 | 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) | 14.00 | 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) | 52 | Nos. | | each | |
| 18 | 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 | |
| 19 | Providing and fixing plain bend of required degree. | | | | | |
| | 100 mm | | | | | |
| | Sand cast iron S&S as per IS: - 3989 (17.39.1.2) | 10 | Nos. | | each | |



Institute Works Department

| | | | | | | |
|----|---|---|------|--|------|--|
| 20 | Providing and fixing single equal plain junction of required degree. | | | | | |
| | 100x100x100mm | | | | | |
| | Sand cast iron S&S as per IS: - 3989 (17.44.1.2) | 6 | Nos. | | each | |
| 21 | 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) | 4 | Nos. | | each | |
| 22 | Providing and fixing 100mm sand cast Iron grating for gully trap.(17.29) | 6 | Nos. | | each | |
| 23 | 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) | 2 | Nos. | | each | |
| 24 | 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 | | | | | |



Institute Works Department

| | | | | | | |
|----|---|---|------|--|------|--|
| | 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 | |
| 25 | 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 | |
| 26 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. | | | | | |
| | Semi rigid pipe | | | | | |
| | 32 mm dia (17.28.1.1) | 4 | Nos. | | each | |
| 27 | 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) | 2 | Nos. | | each | |
| 28 | 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) | | | | | |



Institute Works Department

| | | | | | | |
|----|--|-------|-------|--|-------|--|
| | 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 | |
| 29 | 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) | 36.00 | metre | | metre | |
| | (b) 25mm dia. nominal bore (18.10.3) | 10.00 | metre | | metre | |
| 30 | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 | | | | | |
| | a) 15 mm nominal bore (18.49.1) | 4 | Nos. | | each | |
| 31 | 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 | |
| 32 | 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 | |
| 33 | 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) | 10.00 | metre | | metre | |



Institute Works Department

| | | | | | | |
|----|---|-------|-----|--|-----|--|
| 34 | Providing and fixing 1st 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) | 73.00 | sqm | | sqm | |
| 35 | 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) | 28.00 | sqm | | sqm | |
| 36 | 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) | 54.00 | sqm | | sqm | |
| 37 | Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to | 88.00 | sqm | | sqm | |



Institute Works Department

| | | | | | | |
|----|--|-------|-------|--|-------|--|
| | prepare the surface even and smooth complete. (13.80) | | | | | |
| 38 | 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) | 88.00 | sqm | | sqm | |
| 39 | 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) (13.46.1) | 28.00 | sqm | | sqm | |
| 40 | 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 | |
| 41 | Providing, laying and jointing glazed stoneware Class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : | | | | | |



Institute Works Department

| | | | | | | |
|----|---|------|-------|--|-------|--|
| | 1 fine sand) including testing of joints etc. complete | | | | | |
| | 150 mm diameter (19.1.2) | 8.00 | metre | | metre | |
| 42 | 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) | 8.00 | metre | | metre | |
| 43 | 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 | |



Institute Works Department

| | | | | | | |
|---|--|------|------|--|----------|--|
| 44 | 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) | 1 | Nos | | each | |
| 45 | Carriage of Malba (approved rate) | 5.00 | trip | | per trip | |
| 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.



Institute Works Department

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.
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 ₹ **03,90,349.00** The **earnest money deposit** of ₹ **8,000/-** 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. **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.



Institute Works Department

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 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.
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.
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 09.07.2018 at 4:00 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/24/018-19/827

Dated: 29 June, 2018

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

Subject: 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.

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)

