

Petty Civil works in Director's Bungalow

Tel.No.26361446/7/8

Fax No.26361573

**Central Institute of Fisheries Education
(Deemed University, ICAR)
Versova, Mumbai - 400 061**

F. No. 32(164)/Works/2016-17/F-62

Date: 01.0.2017

Limited Tender Notice

Quotations are invited in sealed envelope from eligible and approved Govt. registered contractors i.e. CPWD/ PWD/ BSNL/ MTNL etc. for work titled. Quotations duly completed in all respects shall be received up to 1500 hrs. on 05.06.2017, and the same shall be opened at 1530 hrs. on 05.06.2017. **(Extended date upto 05.06.2017)** Quoted rates must be valid for one year from the date of acceptance of the quotation.

Interested contractors may download the quotation from our website <http://www.cife.edu.in>.

Quotations received after the due date and time will not be entertained. The Director of the institute reserves the right to accept or reject any or all quotations without assigning any reasons whatsoever. No correspondence shall be entertained in this regard.

Senior Administrative Officer



ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION
(DEEMED UNIVERSITY)
Off. Yari Road, Seven Bungalow, Versova, Andheri (W)
Mumbai – 400 061

Tel: 022 -26361446/7/8

Website: www.cife.edu.in

Fax: 022 -26361573



F. No. 32(164)/Works/2016-17/F-62

Date: 06.05.2017

To

Name of the work: Petty Civil Works at Director's Bungalow.

IMPORTANT DATES

Last date for receiving the quotations : Up to 1500 hrs. on 05 June, 2017

Date of opening of quotations : At 1530 hrs. on 05 June, 2017

Date of completion of work : 21 days from award of work

The following documents are to be enclosed along with the tender failing which the tender shall be rejected out rightly:

1. A copy of contractor's registration with CPWD/ PWD/ MES/ BSNL/ MTNL/ P & T/ All India Radio/ PSU/ Any Other Govt. Organizations
2. A copy of PAN Card
3. A Photostats (i. e Xerox) copy of blank cheque for making payment by RTGS method.

INSTRUCTIONS TO BIDDERS, TERMS & CONDITIONS OF CONTRACT FOR EXECUTION OF WORKS

1. Quotations must be addressed to **The Director, Central Institute of Fisheries Education (Deemed University, ICAR), Panch Marg, opposite Panchvati Building, Off. Yari Road, Versova, Andheri (W), Mumbai - 400 061**
2. Quotations must be submitted either by registered/speed post or may be dropped in the tender box placed in the office of the OIC (Works)/ Senior Administrative Officer, CIFE, Mumbai in a sealed cover super scribing on it the name of work for which the quotation is called for, and also the date & time of submission.
3. Quotations received after due date and time shall not be entertained.
4. The quoted rates must be valid for one year.
5. Contractor/ agency should be experienced in above said work.
6. The quotation should be accompanied by an Earnest Money Deposit (EMD) amounting to **Rs.12,441/- (Rupees Twelve thousand four hundred forty one only)** in the form of crossed demand draft drawn in favour of "**ICAR Unit, CIFE, Mumbai**".
7. The EMD of successful bidder shall be converted into a part of security deposit. The EMD of unsuccessful bidders will be returned within 15 days from the date of award of work to successful bidder.
8. The successful bidder has to pay Security Deposit amounting to 10% of the quoted amount. The security deposit will be released only after six months from the date of successful completion of work.
9. The defect liability period is 6 months. Any defect arising in the defect liability period is to be rectified by the contractor without any extra cost, failing which the same shall be done departmentally at the "**risk and cost**" of the contractor and the amount of expenditure shall be deducted from the security deposit.
10. The quoted rates should be inclusive of cost of material, carriages, all taxes whatsoever, storage, watch and ward, wastages, etc. The quoted rates shall not be increased under any circumstances.
11. Income tax will be deducted at source from the bill as per rules.

12. The Institute will not supply any tools, equipments, materials. The contractor has to make their own arrangement.
13. The EMD submitted by the bidder is liable to be forfeited by the Institute, if the selected firm/bidder fail to commence the work within seven days from the date of receipt of work order.
14. The work must be completed within the specified time period, failing which a penalty up to 5% of the tendered amount per month will be charged.
15. Works are to be executed strictly as per the specifications mentioned in the tender document failing which work shall be rejected.
16. The material used for renovation must be approved by the officer In-charge (Works)/ site in-charge before using failing which works shall be rejected.
17. The agency has to abide by all rules and regulations pertaining to labour act. The contractor has to take all necessary steps for the welfare measures of labours employed by him at the site.
18. The agency will be fully responsible for providing medical facilities to their labourers in case of any accident, etc. Matters related to labour welfare/problems should be dealt by the contractor only. CIFE, Mumbai shall not be responsible in such matters.
19. Taxes, if any, should be clearly mentioned in the quotation, failing which it will be presumed that the quoted rates are inclusive of all taxes. No additional tax will be allowed if the same is not mentioned in the quotation document.
20. The tenders/bidders in their own interest are instructed to visit the site for understanding the site conditions, nature of work, etc.
21. The Director, CIFE, Mumbai reserves the right to accept or reject any or all tender / all tenders without specifying any reason whatsoever. No correspondence shall be entertained in this regard. The decision of the Director, CIFE, Mumbai shall be final and binding on all concerned in such matters.

Yours faithfully,

Senior Administrative Officer

ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION**(DEEMED UNIVERSITY, ICAR),****MUMBAI – 400 061****Schedule****Name of work-Petty civil works in Director's Bunglow in the new campus**

S.N	Details of works	Qty	Unit	Rate	Amount
1	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 50 m.(a)All kinds of soil.	1.00	cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(a)1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size).	0.50	cum		
3	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).	1.00	cum		
4	Centering and shuttering including strutting, propping etc. and removal of form for all heights :(a)Lintels, beams, plinth beams, girders, bressumers and cantilevers	8.50	sqm		
5	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete above plinth level. (a)Thermo-Mechanically Treated bars of grade Fe-500D or more.	100.00	kg		
6	Brick work 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 in all shapes and sizes in :(a)Cement mortar 1:6 (1 cement : 6 coarse sand)	9.00	cum		

7	Providing and fixing 18 mm 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, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. (a)Granite of any colour and shade(1)Area of slab over 0.50 sqm	4.00	sqm		
8	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.(a)Granite work	12.00	Rmt		
9	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:(a)35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	6.30	sqm		
10	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.(a)Fixed to openings /wooden frames with rawl plugs screws etc.	25.00	kg		
11	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineerin- Charge.	22.00	Rmt		

12	<p>Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge</p>	3.00	sqm		
13	<p>Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C'Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing</p>				
	(a)30 mm thick pre laminated PVC door shutters	7.00	sqm		
14	<p>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 burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm,including pointing in white cement mixed with pigment of matching shade complete</p>	50.00	sqm		

15	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete (a)Size of Tile 600x600 mm	30.00	sqm		
16	12 mm cement plaster of mix :(a)1:6 (1 cement: 6 coarse sand)	110.00	sqm		
17	15 mm cement plaster on rough side of single or half brick wall of mix (a)1:6 (1 cement: 6 coarse sand)	15.00	sqm		
18	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge	10.00	sqm		
19	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	150.00	sqm		
20	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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: (a)White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	1.00	Each		
21	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, including flush pipe, 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 :(a)W.C. pan with ISI marked white solid plastic seat and lid	1.00	Each		
22	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:(a)White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap	2.00	Each		
23	Providing and fixing soil, waste and vent pipes				
	:(a)100 mm dia (1)Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	25.00	Rmt		
	(b)75 mm diameter (1)Centrifugally cast (spun) iron socketed pipe as per IS: 3989	23.00	Rmt		

24	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :				
	(a)75 mm dia pipe	3.00	Each		
	(b) 100mm dia pipe	6.00	Each		
25	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2coarse sand : 4 graded stone aggregate 20 mm nominal size),including cost of cutting holes and making good the walls etc. :				
	(a)100 mm dia pipe	15.00	Each		
26	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	(a)100 mm dia(1)Sand cast iron S&S as per IS - 3989	2.00	Each		
	(a)75 mm dia(1)Sand cast iron S&S as per IS - 3989	2.00	Each		
27	Providing and fixing plain bend of required degree				
	(a)100 mm dia(1)Sand cast iron S&S as per IS - 3989	4.00	Each		
	(a)75 mm dia(1)Sand cast iron S&S as per IS - 3989	4.00	Each		
28	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	(a)100x100x100 mm (1)Sand cast iron S&S as per IS - 3989	4.00	Each		
	(b)75x75x75 mm (1)Sand cast iron S&S as per IS - 3989	2.00	Each		
29	Providing and fixing collar :(a)75 mm(1)Sand cast iron S&S as per IS - 3989	6.00	Each		
30	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter :				
	(a)100 mm	4.00	Each		
	(b)75 mm	2.00	Each		
31	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 :				
	(a)100 mm inlet and 75 mm outlet (1)Sand cast iron S&S as per IS - 3989	1.00	Each		
32	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work :				
	(a)100 mm diameter pipe	25.00	Rmt		
	(b)75 mm diameter pipe	23.00	Rmt		
33	Providing and fixing PTMT Bottle Trap for Wash basin and sink				

	(a)Bottle trap 31mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	2.00	Each		
	(b)Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms	1.00	Each		
34	Providing and fixing PTMT liquid soap container 109 mm wide, 125mm 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.	2.00	Each		
35	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long,200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms	2.00	Each		
36	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.(a)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	2.00	Each		
37	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc(a)25 mm dia nominal bore	10.00	Rmt		
38	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps,i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall				
	(a)15 mm dia nominal bore	20.00	Rmt		
	(b)20 mm dia nominal bore	10.00	Rmt		
39	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :(a)15 mm nominal bore	2.00	Each		
40	Providing and fixing uplasticised PVC connection pipe with brass unions :(a)45 cm length(1)15 mm nominal bore	2.00	Each		
41	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete				
	(a)15 mm dia nominal bore	4.00	Each		
	(b)20 mm dia nominal bore	4.00	Each		
42	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :(a)15 mm dia nominal bore	4.00	Each		

43	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms	2.00	Each		
44	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	6.00	Each		
45	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	4.00	Each		
46	Providing and fixing C.P. Brass bathroom mixer (3in 1) tap of approved quality and make weight not less than 1.722kg(a)15mm nominal bore	2.00	Each		
47	Providing and fixing PTMT grating of approved quality and colour a)Rectangular type with openable circular lid(1)150 mm nominal size square 100 mm diameter of the inner hinged round grating	4.00	Each		
48	Providing, laying and jointing glazed stoneware pipes 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 :(a)150 mm diameter	5.00	Rmt		
49	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 :	5.00	Rmt		
50	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:(a)150 x 100 mm size P type(1)With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each		
51	Constructing brick masonry manhole in cement mortar 1:4 (1cement : 4 coarse sand) with 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 1:4:8 mix (1 cement : 4 coarse sand : 8graded stone aggregate 40 mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :(a)Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) (1)With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	Each		

52	<p>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 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :(a)For pipes 100 to 250 mm diameter</p>	1.00	Each		
53	<p>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) :</p>				
	<p>(a)For fixed portion-(1)Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</p>	15	kg		
	<p>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)(a)Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</p>	10	kg		
54	<p>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):(a)With float glass panes of 4.0 mm thickness</p>	2	sqm		
55	<p>Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.(a)Upto 5mm depth and 5 mm width</p>	10.00	Rmt		

56	Providing and fixing factory made anodised aluminium adjustable lovers of standard size of thickness 1.5mm with 100mm wide, 4mm thick pin headed glass strip with necessary C.P. brass screws, fitting etc. complete fixed to wall/ openings or aluminium frames.(Aluminium frame will be paid separately under basic item)	1.50	sqm		
57	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.(a)In cement mortar	4.00	cum		
58	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	2.00	Each		
59	Removing carefully existing door shutter along with frame without damage and refixing it at another required place in perfect order and finishing it complete all around the frame. If necessary the size of door shall be reduced to fit in to size at required place including cutting to shape and size of shutter and frame with refixing of fittings accordingly	1.00	Each		
60	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :(a)Of area 3 sq. metres and below	2.00	Each		
61	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.(A)For thickness of tiles 10 mm to 25 mm	10.00	sqm		
62	Demolishing cement concrete manually/ by mechanical means including 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	1.00	cum		
63	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	0.25	cum		
64	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineerin-charge.	1.00	sqm		

65	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry	5.00	sqm		
				Total in Rs.	
				Taxes if any	
				Grand Total Rs.	

Amount in words (Rupees _____)

Date:

Sign of bidder with seal