

BILL OF QUANTITY (CIVIL & PH WORK) FOR RENOVATION OF AUDIO-VISUAL HALL NATIONAL INSTITUTE OF TECHNOLOGY-ROURKELA.						
Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
A	DISMENTLING & CIVIL WORKS					
1	Dismantling doors, windows, fixed ventilators and clerestory windows (steel or wood) shutter at all heights including chowkath, architrave, holdfast, etc. complete & stacking within 50 mtr lead.					
1.1	of area 3 sqm & below	Each	24			
1.2	of area beyond 3sqm	Each	18			
2	Dismantling steel work in builtup sections at all heights in angles, tees,flat, and channel including all gusset plate, bolts,nuts, cutting rivets, welding etc. including dismantling and stacking within 100mtr lead.	Kg	400			
3	Dismantling steel work in builtup sections (collapsible gate, grilled gates etc.) without dismembering and stacking within 100mtr lead.	Sqm	11			
4	Cutting chase in brick work at any location of any cross section making good all damages after completion with line and level and similar finish as the wall	Each	48			

No of corrections:-
No of overwrittings:-
No of interpolations:-

Sign of Bidder

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
5	Dismantling the MS grills at all heights & stacking the same within 100mtr lead for reuse cost includes all materail,labour,T&P etc. complete in all respects as per the direction of Engineer in charge.	Sqm	85			
6	Dismantling cement plaster/ skirting at all heights including removal of debris within 50mtr lead.	Sqm	75			
7	Dismantling the existing AS flooring in any thickness including chipping the flooring and removal of debris within 50mtr lead cost includes all materail,labour,T&P etc. complete in all respects as per the direction of Engineer in charge.	Sqm	850			
8	Dismantling the false ceiling with framing at all heights including disposal of unserviceable surplus material and stacking of serviciable material with in 50mtr lead as directed.(Including scaffolding charge)	Sqm	750			
9	Demolishing Brick work at all heights including stacking of serviciable material and disposal of unserviceable material with in 50 mtre lead.	Cum	85			
10	Demolishing cement concrete including disposal of material within 50mtr lead in any proporation.	Cum	20			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
11	Demolishing RCC work including stacking of steel bars and disposal of unservicable material within 50mtr lead.	Cum	20			
12	Removal of filling material & disposal with in 50mtr lead as directed.	Cum	60			
13	Taking out of existing chairs including removing from the floor by dismantling the floor if required & stacking the chairs in proper place as directed within lead of 100mtr.	Each	750			
14	Dismantling tile work in floors and dado lain in cement mortar including stacking of material within 50mtr lead. For thickness of tiles 10mm to 25mm	Sqm	80			
15	Removal of wash basin with necessary accessories with stacking in proper place. care should be taken that the wash basin should not break during removal.	Each	2			
16	Dismantling of water closet (orissa / european type) including footrest, P/S trap, surrounding concrete, flushing cistern, flush pipe as directed.	Each	2			
17	Removal of all water supply fittings such as bib cock,pillar cock , stopcock etc. and pipe lines if required as directed, including cutting the walls if required.	Set	1			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
18	Removal of urinal partitions including cutting grooves in wall & stacking the partitions in proper place as required.	Each	8			
19	Demolishing dry brick pitching in floors including stacking serviceable material and disposal of unserviceable material within 50mtr lead.	Cum	165			
20	Excavation work in foundation trenches in all kinds of soil (hard/ soft/ morrum) including dressing of sides and ramming of bottoms upto 1.5mt lift including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50mt.	Cum	70			
21	Filling under foundation, floor & plinth with good river sand, including ramming watering for compacting after laying sand not exceeding 25.5cms including lead, labour, T&P of all required materials to complete the work in all respect as per the direction of the Engineer-in-charge.	Cum	380			
22	Back Filling with available excavated earth including ramming watering for compacting after laying sand not exceeding 20 cms including lead, labour, T&P of all required materials to complete the work in all respect as per the direction of the Engineer-in-charge.	Cum	35			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
23	Providing and laying in position cement concrete of 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) grade including the cost of centring and shuttering, curing etc.	Cum	140			
24	Supplying, laying Brick bat coba 40mm - 25mm size (over burnt brick) laying in layers not exceeding 150mm in depth, watering, compacting etc.	Cum	135			
25	Reinforced cement concrete work in 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size) etc. at any location excluding cost of centring, shuttering, finishing and reinforcement.	Cum	75			
26	Centring and shuttering (Ply wood/Steel) including strutting, propping etc. and removal of form for:					
26.1	Foundations, footings, bases of column, plinth beam, column upto plinth etc. for mass concrete.	Sqm	65			
26.2	Suspended floors, roofs, landings, balconies and access platform, Weather shade, chajjas, vertical & horizontal fins, corbels etc. including edges.	Sqm	215			
26.3	Lintel, Beams.	Sqm	155			
26.4	Columns	Sqm	120			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
26.5	Stairs (excluding landings)	Sqm	25			
27	Providing, cutting, bending, placing and binding steel reinforcement as per IS: 1786 in all RCC works, providing spacer blocks in CM 1:2 including binding wires etc. complete as per drawings and specification. Cold Rolled twisted bar /HYSD/TMT of TATA/SAIL Steel. (Grade Fe 415/500)	MT	1.5			
28	Brick work with locally available KB bricks strenght not less than 55Kg/sqcm in foundation and plinth in cement mortar 1:6 (1 cement : 6 fine sand) cost includes curing, wastage, scaffolding etc. to complete the work.	Cum	45			
29	Brick work with locally available KB bricks strenght not less than 55Kg/sqcm in superstructre at any location in cement mortar 1:6 (1 cement : 6 fine sand) at any location cost includes curing, cutting, wastage, scaffolding etc. to complete the work.	Cum	60			
30	Half brick masonry with locally available KB bricks strenght not less than 55Kg/sqcm in superstructure including providing & placing in position 2 Nos 6mm dia M.S. bars at every third course of half brick masonry (with FPS bricks) cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	10			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
31	15mm C.P. in single coat 1:6 (1 cement : 6 sand) at any location including finishing even & smooth and curing etc. complete.	Sqm	250			
32	18mm C.P. in two coats underlayer 12mm C.P. 1:5 and top layer 6mm thick C.P. 1:6 finished even and smooth at any location and curing etc. complete.	Sqm	190			
33	6mm C.P. 1:4 (1 cement : 4 fine sand) to ceiling, soffit of beam, chajja, staircase etc. including finishing smooth & even and curing at any location etc.	Sqm	150			
34	15mm C.P. in single coat 1:6 (1 cement : 6 sand) with a floating coat of neat cement punning finishing even & smooth and curing etc. complete. at any location.	Sqm	25			
35	Providing and laying antiskid Ceramic glazed floor tiles 300mm x 300mm, 6mm thick of 1st quality conforming to IS : 13755 of Naveen/ Johnson/Orient make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete.	Sqm	430			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
36	Providing and fixing 1st quality ceramic glazed tiles conforming to IS : 13753 of minimum thickness 5mm of Naveen/Johnson/Orient make in all colours, shades except begundy, bottle green, black of any size as approved by Engineer in skirting, risers of steps and dados over 12mm 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.	Sqm	80			
37	Cement concrete (1:2:4) 40mm thick flooring finished with a floating coat of neat cement slurry, rounding off edges and strips and cost of glass strips edging and labour etc. complete.	Sqm	1000			
38	Providing cement plaster skirting (upto 30cm height) at any location with 18mm thick cement plaster in (1 cement : 3 coarse sand) with floating coat of neat cement.	Sqm	35			
39	Anchoring with chemical grouting in RCC (FISCHER/HILTI) including drilling holes for the anchoring & specified depth as per the manufacture's specifications cost includes all material, labour, tax, lead, T&P etc. complete in all respects at any location.					
39.1	8mm dia	Each	120			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
39.2	16mm dia	Each	25			
39.3	20mm dia	Each	15			
40	Providing and applying Acrylic washable distemper paint at any location (two coats) with approved paint from Acrylic Tractor distemper of Asian Paints/ Bison Acrylic Distemper of Berger Paints/ ICI Maxilite Acrylic distemper of ICI Dulux make and approved shade over new surface. Item includes following jobs. 1.Carrying out minor repairs including sealing cracks with cement or putty as instructed 2. Applying one coat of acrylic putty of approved brand. 3. Making the surface smooth by sand paper etc. 4. Applying one coat of primer of suitable quality of approved brand. 5. Applying Two coats of Acrylic washable distemper. Item includes scaffolding; making good the damaged and rough surfaces smooth; cleaning of dirt; removal of old mortar drippings wherever required; preparation of surface; cleaning doors, windows, ventilators, etc. after completion of work. Item also includes cost of all materials, labour, tools and tackles etc. complete. All material shall be applied as per manufacturer's specification and as directed .	Sqm	300			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
41	Providing and applying two coats of external paint (new work) over a coat of suitable primer with Antifungal Acrylic Emulsion of Asian make ACE / Berger make Walmasta /Goodlas -Nerolac make Excel/ ICI Dulux make Super coat/ Nitco make outlook of approved shade over existing painted wall and other surfaces, making good the damaged and rough surface smooth, minor repairs, sealing of cracks with cement slurry and cleaning of doors, windows, ventilators, washing the surroundings after completion of work including cost of all materials, labours etc. complete as per specification and as directed by the Engineer.	Sqm	170			
42	Providing and applying two coats of external paint (old work) with Antifungal Acrylic Emulsion of Asian make ACE / Berger make Walmasta /Goodlas -Nerolac make Excel/ ICI Dulux make Super coat/ Nitco make outlook of approved shade over existing painted wall and other surfaces, making good the damaged and rough surface smooth, minor repairs, sealing of cracks with cement slurry and cleaning of doors, windows, ventilators, washing the surroundings after completion of work including cost of all materials, labours etc. complete as per specification and as directed by the Engineer.	Sqm	550			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
43	Providing, fitting and fixing fully glazed aluminium sliding windows (2 track), made out of extruded aluminium alloy sections as per drawing anodized to 15 microns in silver satin matt finish, confirming to IS specification with necessary fittings, fixtures and hardwares like concealed locks , aluminium handles, etc., glazed with 6mm thick frosted glass free from bubbles, holes or any surface deformation, as per the drawing and design, and fixed to the walls or columns with lugs in cement concrete 1:2:4 cutting holes and making good to all damages, including filling gaps if any, between the frames walls/ columns, with appropriate sealant, including cost of all materials, labour, conveyance, taxes, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer.	Sqm	4			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
44	Providing, fitting and fixing fully glazed aluminium ventilator / window at any location made out of extruded aluminium alloy sections as per drawing anodized to 15 microns in silver satin mat finish, confirming to latest IS specification with necessary fittings, glazed with 8 mm thick clear glass free from bubbles, holes or any surface deformation, and fixed to the walls or columns with lugs in cement concrete 1:2:4 cutting holes and making good to all damages, including filling gaps if any, between the frames walls/ columns, with appropriate sealant, including cost of all materials, labour, conveyance, taxes, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer.	Sqm	40			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
45	Providing & fixing in position 40 mm thick ISI marked factory made solid core block board flush door both side teak confirming to IS:2202, PT-1 [hot pressed] shutter of century/green make & quality bounded with phenol formal dehyde synthetic resin, teak wood leaping (polished) around complete as specified with lamination of 1.5 mm thick of approved shade both side (Green/ century) cost includes 1no cylindrical lock (hafele/dorma) make , floor spring (hafele/dorma) , top pivot of hafele / dorma, Stainless steel handle 2nos of hafele / dorma make size -150mm x 19mm etc. complete in all respect as per the direction of Engineer (Including cost of all Hardware fittings)	Sqm	16			
46	Providing & fixing in position 35 mm thick ISI marked factory made solid core block board flush door both side teak confirming to IS:2202, PT-1 [hot pressed] shutter of century/green make & quality bounded with phenol formal dehyde synthetic resin, teak wood leaping (polished) around complete as specified with lamination of 1 mm thick of approved shade both side (Greenlam) cost includes cylindrical lock (hafele/dorma), door closer (hafele/dorma) ,Stainless steel handle 2nos (hafele/dorma) , stainless steel hinges (hafele make) etc. complete in all respect as per the direction of Engineer (Including cost of all Hardware fittings)	Sqm	10			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
47	Providing & fixing in position 30mm thick ISI marked factory made solid core block board flush door both side teak confirming to IS:2202, PT-1 [hot pressed] shutter of century/green make & quality bounded with phenol formal dehyde synthetic resin, teak wood leaping (polished) around complete as specified with lamination of 1 mm thick of approved shade both side (Greenlam) cost includes aldrop, ,Stainless steel handle , stainless steel hinges etc. complete in all respect as per the direction of Engineer (Including cost of all Hardware fittings)	Sqm	4			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
48	<p>Providing and Fixing Structural Glazing with provision for opening (top hung) as per detailed drawing at any location fabricated from roll formed sections made of galvanized steel colour coated/power coated (Base Steel as per IS 513 'D' quality galvanized thickness of 0.72mm. The Glass holding section made of 304 grade stainless steel of 0.6mm thick. CRCA sections with Polyurethane Coating are to be used as stiffeners inside the CCS section as per the design requirement.</p> <p>Paint Specifications : Coated Sections should be with Primer Coat of Epoxy Primer of 5-7 microns thick, finish painted with a Polyester Paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns, or Powder Coated with pure Polyester Powder up to 50-60 microns thick.</p> <p>Dimensions of Sections : The sections are to be of 33x58 mm or 50x100 mm for frame verticals, 33x59 mm for frame horizontals, section for reinforcement should be of 31x55 mm / 48x98 mm (CRCA). Glass holding section should be of 32.5x37 mm for top and bottom grids, in between should be of 32.5x18mm</p>					

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
	<p>Fixing Details : The sections are to be cut to length, joined by means of powder coated CRCA brackets. The above Frame should be fixed to brick/ concrete masonry by using Nylon self-expanding caps and driving MS electroplated 80mm long screws into the caps through frames.</p> <p>Glazing: Glass of 6mm thick one side reflective of approved colour to be fixed with the help of sealant. (Only finished area will be taken in account for payment)</p>	Sqm	65			
49	<p>Providing & Fixing of Alumunium Composite Pannel at any location using of 4mm exterior Alumunium composite panel (ALSTRONG/ALSTONE /ALCOBOND) including framing with 50mm x 25mm alumunium tube, baker rod, silicon sealant, 60mm fastner pressure tape,angle screw vivit and good quality structural silicon tube including cost of conveyance, taxes, of all material , labour ,T&P etc. complete in all respects. (Only finished area will be taken in account for payment)</p>	Sqm	45			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
50	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	Rmt	15			
51	Supplying & Fixing railing 50mm dia stainless steel pipe 304 grade with finishing the joints including jointing,fixing in position	Rmt	18			
52	Supplying & Fixing balustrade 25mm dia stainless steel pipe 304 grade with finishing the joints including jointing,fixing in position with necessary accessories.	Rmt	3			
53	Making dowels in the existing brick masonry / stone masonry of minimum 250mm wide & 200mm depth, removal of plaster, cutting groves in the existing wall alternate course at any location, removal of debris within 50mtr lead.	Rmt	20			
54	Providing bearing plaster in cement mortar (1:3) with a floating coat of neat cement & bitumen painting at any location.	Sqm	15			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
55	Providing and applying Two coats of synthetic enamel paint of approved make and shade form ASIAN PAINTS -APCOLITE PREMIUM GLOSS ENAMEL / BERGER PAINTS - LUXOL HI GLOSS SYNTHETIC ENEMAL / SUPER PAINTS / ICI DULUX / NEROLAC PAINTS" over existing painted or new wooden/ steel surfaces minor repairs including sealing of cracks with suitable putty of approved brand, scaffolding, cleaning of dirt, removal of oil etc, preparation of surfaces wherever required including sand papering, cleaning etc. complete as directed by the Engineer. Item includes cost of all materials, transportation, labour, etc.	Sqm	20			
56	Providing & laying screed concrete on the top of the roof in 1:2:4 (1 cement : 2 sand : 4 stone chips 12.5mm down gauge) with waterproofing admixture plastocrete plus @ 100gm/ bag of cement confirming to IS-2645 with slope and necessary hunting as per direction of Engineer in charge. Making hangers at the junction of wall & roof. average thickness 50mm .	Sqm	40			
57	Supplying & Laying concrete designer's tile of approved pattern ove base course of cement mortar (1 cement :4 coarse sand), finishing the joints with matched pigment, laying in proper level complete in all respects.	Sqm	100			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
58	Providing & Applying Nitobond ^(R) EP (Fosroc Chemicals (India) Pvt. Ltd.) or Epoxy bonding agent of Pidilite Industries Ltd. (2-part solvent free epoxy bonding agent) jointing material as a bonding agent for jointing of new & old concrete of roof slab / other Reinforced concrete member as per manufacture's specification as construction joint cost includes all material,labour , T&P, Scaffolding charges etc. complete	Sqm	12			
	SUB TOTAL (A)					
	CARRIED OVER TO GENERAL SUMMARY					

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
B	PH & SANITATION WORK					
1	Providing, Supplying & Fixing Indian type water closet (Orissa pan) 580mm x 440mm of Parryware ,Code- J8306 white vitrious ware (white colour) with P / S trap (PVC/ Cast Iron as required) with 10 ltr capacity low level flushing cistern in plastic manually controlled device (handle lever) of Parryware . Slimline dual flush type (white colour) with all internal fittings, 32mm dia flush pipe etc. complete including making good the damages including removing the existing water closet and flushing cistern etc.complete in all respects as per direction of Engineer.	Each	2			
2	Supplying & Fixing magnum urinal of Parryware make size (590 mm x 400mm x 380 mm) with concealed "Z" brackets, automatic flushing cistern with fittings, CP brass spreader with brass union & clamps (all in CP brass) , CP bottle trap 32mm dia CP (Jaquar) , waste coupling (Jaquar) CP with waste fittings, CI trap with outlet grating and other coupling in CP brass including painting of fittings and brackets cutting & making good the damages to walls & floors. Fixed in the range of four & connected to one no of 10 ltrs. capacity PVC automatic flushing cistern including cost of all materials, labour,T&P, lead, royalty etc.complete in all respects as per direction of Engineer.	Each	2			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
3	Supplying & Fixing magnum urinal of Parryware make size (590 mm x 400mm x 380 mm) with concealed "Z" brackets, automatic flushing cistern with fittings, CP brass spreader with brass union & clamps (all in CP brass) , CP bottle trap 32mm dia CP (Jaquar) , waste coupling (Jaquar) CP with waste fittings, CI trap with outlet grating and other coupling in CP brass including painting of fittings and brackets cutting & making good the damages to walls & floors. Fixed in the range of three & connected to one no of 10 ltrs. capacity PVC automatic flushing cistern including cost of all materials, labour,T&P, lead, royalty etc.complete in all respects as per direction of Engineer.	Each	1			
4	Providing and fixing wash basin of oval counter top basin Round 470mm size / 18.5" white colour (Parryware- Ashoka) code-0412, CP bottle trap 32mm dia CP (Jaquar) , waste coupling (Jaquar) CP as per drawing complete with all accessories complete as directed.	Each	4			
5	Providing and fixing nahani floor trap (PVC / Cast Iron) with CP jalli 100 /150mm dia on top of the trap complete as directed	Each	4			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
6	Providing & fixing 6mm thick beveled edged sheet glass mirror of (Modi Float/Ashi/Saint Gobain) make with 6mm thick BWR grade ply backing edge leaping (polished), CP mirror screws & making good the damages complete in all respects as per direction of Engineer.	Sqm	1			
7	Providing and fixing CP Towel Rail (24") - Jaquar Continental CAT No. 1111 complete as directed.	Each	4			
8	Providing and fixing CP Towel Ring - Jaquar Continental CAT No. 1121 complete as directed.	Each	4			
9	Providing and fixing Angular Stop Cock - Jaquar Continental CAT No. 053 complete as directed.	Each	17			
10	Providing and fixing CP Bib Cock - Jaquar Continental CAT No. 037 complete as directed.	Each	3			
11	Providing and fixing CP Pillar Cock - Jaquar Continental CAT No. 011 complete as directed.	Each	4			
12	Providing and fixing Double Coat Hook - Jaquar Continental CAT No. 1161 complete as directed.	Each	2			
13	Providing and fixing soap dish - Jaquar Continental CAT No. 1131 complete as directed.	Each	6			

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Sl. no.	Item Descriptions	Unit	Qnty.	Rate in figures	Rate in words	Amount.
14	Supplying and Fixing G.I. Pipes (TATA medium) confirming to IS-1239 of following dia with all necessary G.I. Fittings such as bends, tees, elbows, reducers, sockets, caps, clamps, plugs,union etc. All pipe lines shall be concealed in the wall/floor. All G.I. pipes shall be medium quality (Class 'B') and fitting must be 'R' brand heavy quality and these shall be supplied as per specification. The rates quoted shall include cost of cutting holes and chasing through floors and walls and repairing the same and necessary scaffolding charges etc. as may be necessary. All G.I.pipes wherever exposed to surface shall be painted with two coats of synthetic enamel paint over a coat of primer. The rate therefore should include expenditure on this accounts.The rate quoted shall include for cutting the pipes to required length, making thread, cost of hangers and clamps wherever necessary . The testing of the pipe lines after erection as per specification etc. complete in all respect . No extra payment shall be entertained on above account.					
14.1	25mm	Mtr	35			
14.2	20mm	Mtr	18			
14.3	15mm	Mtr	15			

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
15	Providing urinal partition for magnum urinal height 810mm , hang on wall with key hole slots screwed to wall at bottom & making good the damages caused.	Each	9			
16	Providing & constructing urinal platform at all heights as per drawing in P.C.C. (1 cement: 4 coarse sand : 8 graded stone aggregates) in proper slope using 20mm size graded crusher broken black hard granite chips cost includes shuttering as required & making good the damages as per drawing including cost of all materials, labour, lead, royalty, tax,curing etc.complete in all respects as per direction of Engineer. (0.50 mt wide x 0.10mt height)	Sqm	4			
17	Providing & Fixing anticorrosive high grade AISI 616 stainless steel toilet signage in satin finish (Male & Female) of size (120mm x 120mm x 1.5mm thick) in the doors of toilet.make-KICH/ HAFELE/DORMA	Each	2			
18	Supplying ,fitting, laying in position , lead jointing & testing cast iron pipes ISI marked (Sushila) medium duty with specials for jointing,pig lead joint, around concrete (1:3:6) making good the damages caused including cost of all materials, labour, lead, tax, T&P, royalty etc.complete in all respects as per direction of Engineer.					

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Sl. no.	Item Descriptions	Unit	Qty.	Rate in figures	Rate in words	Amount.
18.1	150mm dia	Mtr	15			
18.2	100mm dia	Mtr	10			
19	Providing & Fixing mirror polished granite stone 18mm thick with base course of 15mm thk. Cement mortar (1:3), pencil edge moulded making good the damages.	Sqm	6			
20	Dismantling of Cast iron pipes including around cement concrete , joint specials, beaking lead joint, cutting the pipe & removing, concealing if required, necessary earth work, back filling etc. to complete the work.	Mtr	8			
	SUB TOTAL (B)					
	CARRIED OVER TO GENERAL SUMMARY					
	<u>GENERAL SUMMARY</u>					
A	DISMENTLING & CIVIL WORKS				RS	
B	PH & SANITATION WORK				RS	
	GRAND TOTAL				RS	
	IN WORDS:-					

No of corrections:-
No of overwrittings:-
No of interpolations:-

Sign of Bidder

Sign of E-I-C.