



**PREMISES DEPARTMENT
ZONAL OFFICE JHANSI**

**TENDER DOCUMENT FOR
PROPOSED CIVIL REPAIR & ALLIED WORKS IN BANK'S PREMISES AT
CIVIL LINES - JHANSI**

PART II – FINANCIAL BID

**Ref:No : ZOJ:PRM:2022-23:15
Date : 15/03/2023**

Issued to:

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Last date for submission of Bid	05/04/2023 upto 15:00 HRS at Indian Bank, Zonal Office, Premises Department, 92, Civil Lines, Jhansi - 284001
Date of Opening of Technical Bid	05/04/2023 at 16:00 HRS at Indian Bank, Zonal Office, Premises Department, 92, Civil Lines, Jhansi - 284001
Date of Opening of Financial Bid	To be intimated separately to the Firms Qualifying in Technical Bids

ARCHITECT :

**M/s Bharat and Associates
Shop No 1, First Floor, Jeevan Plaza,
Viram Khand - 5, Husariya Crossing,
Gomti Nagar, Lucknow**

**Mobile No : 7572003109, 7572003110
Email - bharatandassociateslko@gmail.com**

SCHEDULE OF QUANTITIES

BOQ / SOQ FOR PROPOSED CIVIL REPAIR & ALLIED WORKS IN BANK'S PREMISES AT CIVIL LINES - JHANSI					
S.N O	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE PER UNIT (Excl. of GST) Rs.	AMOUNT (Excl. of GST) Rs.
			A	B	C= A X B
I	CIVIL WORKS (MEETING HALL & IT ROOM)				
1.0	CLEARING OF SITE				
1.1	Demolition & Removal of Existing Parking Structure at the place of Construction and stacking them properly upto a distance of 50 m from the periphery of the building	Job	1		
1.2	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.	Job	1		
2.0	EXCAVATION				
	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (upto 1.5 m depth) for Column Footing / Foundation Trenches including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as per Architectural / Structure drawing depth including dressing of sides ramming of bottom, shoring, leading form work and disposal of surplus excavated soil as directed for disposal beyond site limits in municipal stipulated area. All complete as per drawing, approval and instruction of the Architect. All measurements of the width of the excavation pit shall be considered only upto to the edge of PCC (as per drawings) and No additional cost is payable for excess working width, depth and overlapping	m ³	27.00		
3	BACK FILLING				
3.1	Supplying, filling locally available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc., in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming & watering & compactor to prepare the surface for PCC	m ³	50.00		
3.2	Supplying and filling in plinth with sand (river) under floors, including watering, ramming, consolidating and dressing complete.	m ³	5.00		



4	ANTI-TERMITE TREATMENT				
	Providing and injecting chemical emulsion for pre-constructural anti- termite treatment and creating a chemical barrier under all round the column pits, wall trenches, top surface of plinth filling, junction of wall and floor along the external perimeter of building expansion joints, surrounding of pipes and conduits etc.complete with Chloropyriphos/Lindane emulsifiable of 20% with 1% concentration as directed by Engineer In Charge. For horizontal area (Plinth area will be measured and paid for)The chemical to be used for the work shall be got approved from insultant/Architect before starting of the work	m ³	75.00		
5	PLAIN CEMENT CONCRETE				
	Providing & laying cement concrete in 1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) including supply of all materials,labour and T & P etc. required for completion of work and curing complete including cost of form work in foundation and floors	m ³	8.00		
6	REINFORCED CEMENT CONCRETE				
	R.c.c. work with cement approved coarse sand and 2 cm. (3/4") guage approved stone ballast in the proportion of 1:1.5:3(M-20) excluding supply of reinforcement and its fixing and binding the same with 24 B WG binding wire and including necessary centering and shuttering etc.and also including supply of all materials, labour and tools and plants etc. required for proper completion of the works. strength of the concrete shall not be less than M-20				
a	FOUNDATION	m ³	4.00		
b	BEAM	m ³	1.00		
c	COLUMN	m ³	1.00		
7	STEEL REINFORCEMENT				
	Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in anover all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage and over lapping and hookes required for completion of the work TMT Fe 500	KG	750.00		
8	BRICKWORK / STONWORK				
a	Coursed Rubble Masonry (first sort) with hard stone in foundation and plinth with cement mortar 1:6. This includes necessary cutting and molding of stone work as required	m ³	5.00		
b	Brick work with common burnt clay F.P.S. (non modular) 1st class bricks in superstructure (Outer Walls) above plinth level upto one floor in all shapes and sizes in cement mortar 1:4. This includes necessary cutting and molding of brick work as required	m ³	13.00		



c	Half Brick work / Partition Wall with common burnt clay F.P.S. (non modular) 1st class bricks in superstructure (Outer Walls) above plinth level upto one floor in all shapes and sizes in cement mortar 1:4. This includes necessary cutting and molding of brick work as required	Sq.Meter	40.00		
9	PLASTERING WORK				
	Providing and applying 12-15 mm thick plain cement internal plaster at all heights and below plinth in C:M 1:4 cement mortar to the walls over surface as specified including scaffolding, curing and finishing smooth at all levels. The plaster surface shall be rubbed smooth with Iron Plate, till the surface shows cement paste in line and level complete as directed. The joint between block work and RCC shall be prepared with chicken mesh to avoid cracks. The rate shall include providing and fixing of chicken mesh, necessary hacking works for key and scaffolding works complete. (Chicken mesh should be placed in joints between Brick Work and Column /Rc beams) All complete as per drawing, approval and instructions of the Architect / Bank.	Sq.Meter	200.00		
10	STEEL TUBULAR WORKS				
	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete as per drawing complete in all respect	kg	3200.00		
11	ROFF SHEETING WORK				
	Providing Supply & Fixing of Double skin Continuous Line PUF Sandwich Insulated Roofing Panel having 50 mm core with 0.50 mm TCT PPGL (RMP) Trapezoidal Profiled Sheet in top skin and 0.50 mm TCT PPGL (RMP) Micro Ribbed Liner Panel sheet in bottom skin. The PU panel shall be CFC free and Zero Ozone depleting panel using N Pentane blowing agent & made out of continuous line running on uninterrupted power supply. Panel shall have pre-coated Galvalume sheet on both side of Polyurethane Foam confirming to IS 12436:1988. The pre coated sheet shall be of minimum 550 Mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum AZ 150 gsm as per IS : 277 : 1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGL sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The PU Foam shall be self-extinguishing type having minimum Density of 40 Kg/M3 (+,-2 Kgs), Accessories : Flashings/ trims, Fasteners and Sealants for fixing of the Panels shall be inclusive in the rates. The rate shall include the cost of providing and fixing suitable Male and Female aluminium sections, aluminium clips etc., anodized to powder coated aluminium colour for fixing tt along with providing and fixing EPDM gaskets and aluminium strip at the top to cover the screws., the PUF panel shall be U value (w/sqm) 0.36mm and R value 2.94. Wall panel shall be plain and roof panel shall be corrugated trapezoidal. The rate shall include cutting	Sq.Meter	82.00		



	chiselling of wall for support termination for MEP, services and supporting etc. Complete in all respects and all accessories and making good the surface by plastering The rate shall also include p/f of rain water disposal channel complete				
12	Providing and Fixing Building Sheet Accessories like Ridge & Gutter Etc. (M.R.)	Meter	10.00		
14	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.	kg	100.00		
15	UPVC WINDOW				
	Providing and fixing factory made uPVC casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.				
	Casement window single panel with S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series) frame 67 x 60 mm & sash 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension.	Sq.Meter	8.00		
GROSS AMOUNT - I					
II OTHER MISC CIVIL WORKS					
1.0 DISMANTLING WORK					
a	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge. This includes providing support till the completion of lintel work and framework for door. (Pantry + Toilet Entrance)	Sq.Meter	7.00		

b	Carefully dismantling CC flooring by manual / mechanical means for constructing brick wall in the area and removal of debris within 50 metres of lead as directed by Engineer - In - Charge / Architect (GENTS TOILET)	m ³	7.00		
c	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :	NO	9.00		
d	Dismantling tile work in floors and walls laid in cement mortar including stacking material within 50 metres lead. (Proposed Toilet, Open Verandah)	Sq.Meter	54.00		
e	Dismantling existing grills in the Verandah and switching it with the adjacent grill and repairing the arch with required plaster to provide the same shape	Job	4.00		
2.0	PLAIN CEMENT CONCRETE				
	Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 fine aggregate : 8 coarse aggregate 40 mm machine mixed, rammed and well consolidated in layers not exceeding 150 mm including form work, curing, removal of formwork, levelling etc., complete in all trenches excavated for footings and at the level of plinth beam complete as per drawing, approval and instructions of Architect and Bank (GENTS TOILET)	m ³	1.00		
3.0	REINFORCED CEMENT CONCRETE				
	Providing and laying in position cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Ordinary portland cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; including the cost of finishing, formwork, removal as per direction of the engineer-in-charge and compaction with use of mechanical vibrator, but exclude cost of steel reinforcement and binding wire. The work should be carried out according to IS code and as per details given in specifications and drawings. All complete as per drawing, approval and instructions of the Architect / Bank. R.C.C. work with approved cement, coarse sand derived from natural sources and 20 mm (3/4") gauge nominal size stone aggregate in the proportion of 1:1.5:3 (M-20) (TOILET)	m ³	0.75		
4.0	REINFORCEMENT				
	Providing Fe 500 3TMT conforming to I.S 1786 for RCC works including cutting bending ,cranking, placing in position with binding wire G.I.18 gauge wire double runs, with 'authorized/ as per codes Laps, chairs, spacers only should be added. Approved TMT(Thermo Mechanically Treated steel) Bars. (Payment will be made for actual length measurement of fabricated steel work including authorized laps only calculated on theoretical weight for different sections).	KG	125.00		



5.0	BRICKWORK				
a	Brick work with common burnt clay F.P.S. (non modular) 1st class bricks in superstructure (Outer Walls) above plinth level upto one floor in all shapes and sizes in cement mortar 1:4. This includes necessary cutting and molding of brick work as required (Staircase, Door Openings)	m ³	6.00		
b	Half brick masonry / Brick Partition Walls with common burnt clay FPS (non-modular) 1st class bricks machine in cement mortar 1:4 (1 cement : 4 coarse sand) using hoop iron reinforcement for every third course, if found necessary standard specification including finishing, curing, Scaffolding etc., complete as per drawing, approval and instructions of the Architect / Bank (TOILET PARTITION)	Sq.Meter	20.00		
6.0	PLASTERING WORK				
a	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. This includes providing and fixing scaffolding upto 15 feet height, removing the old damaged plaster of ceiling and providing and applying 6-9 mm thick plain cement internal plaster at all heights in C:M 1:4 cement mortar to ceilings over surface where plaster has been removed including scaffolding, curing and finishing smooth at all levels. The plaster surface shall be rubbed smooth with Iron Plate, till the surface shows cement paste in line and level complete as directed. The joint between block work and RCC shall be prepared with chicken mesh to avoid cracks. The rate shall include providing and fixing of chicken mesh, necessary hacking works for key and scaffolding works complete. (Chicken mesh should be placed in joints between Brick Work and Column /Rc beams) All complete as per drawing, approval and instructions of the Architect / Bank. (CEILINGS)	Sq.Meter	50.00		
b	Providing and applying 12-15 mm thick plain cement internal plaster at all heights and below plinth in C:M 1:4 cement mortar to the walls, beams, ceiling over surface as specified including scaffolding, curing and finishing smooth at all levels. The plaster surface shall be rubbed smooth with Iron Plate, till the surface shows cement paste in line and level complete as directed. The joint between block work and RCC shall be prepared with chicken mesh to avoid cracks. The rate shall include providing and fixing of chicken mesh, necessary hacking works for key and scaffolding works complete. (Chicken mesh should be placed in joints between Brick Work and Column /Rc beams) All complete as per drawing, approval and instructions of the Architect / Bank. (WALLS & OTHERS)	Sq.Meter	100.00		

7.0	FLOORING WORK				
a	Providing and laying Vitrified tiles: Double Charged (600mm x 600mm) in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily. ALL MATERIAL COMPLETE IN ALL RESPECTS with (4" Skirting Measurement LXH)	Sq.Meter	175.00		
b	Providing and laying 1st quality Ceramic Anti- Skid Floor tiles of size 300x450 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete.	Sq.Meter	25.00		
c	Providing and fixing Ist quality ceramic glazed wall tiles of size 300 x 600 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 : 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.	Sq.Meter	70.00		
d	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.	Sq.Meter	40.00		
e	Providing and fixing 17mm to 18mm thick one side mirror polished granite slab of approved colour for Pantry Counter, Wash Basin Top, facias to be fixed with 1:3 CM / Araldite or approved equivalent over RCC Slab and finished on all exposed faces / joints with white cement by adding required pigment. The quoted rate shall include the cost of round moulding and polishing the edges, cost of embedded portion in existing wall of required depth, cutting the required shape and size to accommodate wash basin / kitchen sink, CP fittings, lifting wastage, cutting and carting away debris all complete as directed. Basic rate of granite is Rs.2500/- per sqm	Sq.Meter	6.00		
f	Do but both side polished granite for urinal partition	Sq.Meter	5.00		



g	Providing and fixing of 20mm thick semi polished black granite for the staircase - tread, risers and mid-landing slabs, verandah. Cost includes cutting and laying in position along with nosing of the edges, (3 nos 5mm x 5mm linear grooves for full length of step, rubbing, polishing and nosing at edges etc.), with all lead and lift, Protection and maintaining till handover. The granite stone slabs and other materials to be used shall be got approved by the Engineer concerned before use on work, etc., complete as per standard specification. The basic price of tile to be Rs.2500 per Sq.m.	Sq.Meter	6.00		
8.0 PAINTING WORK					
a	Painting on New / Old plastered Walls and Ceilings with two or more coats of first quality of Acrylic Emulsion (Make & Shade Approved by Bank / Architect). It shall include for preparing the surfaces clean, even and smooth with thoroughly brushing with broom, scratching with patti and sand papering respectively, so that the surfaces are free from oil, grease, dirt, mortar droppings & other foreign and loose matter. It shall also include for preparing the surface and filling of holes with 2 coat of first quality acrylic wall putty (Birla Wall Care / JK / Asian) before priming coat of whiting / approved primer. The rate shall include cost of all materials such as plaster of paris, whiting /primer, glue (Fevicol), indigo / strainer, brushes, sand paper, patti, dhoti, broom stick, clean water with storage and other containers, labour, scaffolding / ladder charges, cleaning of floors and other sundries etc., all complete to the satisfaction of the Architect.	Sq.Meter	1000.00		
b	Painting on New / Old Walls with two or more coats of first quality of Weather Proof Exterior Emulsion (Make & Shade Approved by Bank / Architect). It shall include for preparing the surfaces clean, even and smooth with thoroughly brushing with broom, scratching with patti and sand papering respectively, so that the surfaces are free from oil, grease, dirt, mortar droppings & other foreign and loose matter. It shall also include for preparing the surface and filling of holes with 1 coat of first quality Birla White Wall Seal Waterproof putty before priming coat of whiting / approved primer. The rate shall include cost of all materials such as plaster of paris, whiting /primer, glue (Fevicol), indigo / stainer, brushes, sand paper, patti, dhoti, broom stick, clean water with storage and other containers, labour, scaffolding / ladder charges, cleaning of floors and other sundries etc., all complete to the satisfaction of the Architect.	Sq.Meter	1200.00		
c	Providing and applying 2 or more coats of Synthetic Enamel Paint of approved make and colour to give even shade to wooden surface over a coat of wooden primer and to steel surface over a coat of zinc chromate primer as per manufacturer specifications. Quoted Rate shall include the cost of necessary scaffolding, preparation of surface as per Bank's specifications, removing of stain from floor, glass spans, etc. carting away debris out of premises all complete.	Sq.Meter	130.00		



d	Painting on Roof Clay tiles with two or more coats of Apex Tile Guard of Asian Paint make. It shall include for preparing the surfaces clean, even and smooth with thoroughly brushing with broom, scratching with patti and sand papering respectively, so that the surfaces are free from oil, grease, dirt, mortar droppings & other foreign and loose matter. It shall also include for preparing the surface as per Manufacturer Specifications and filling of any joints between two tiles with suitable chemical, etc. The rate shall include cost of all materials such as brushes, sand paper, patti, dhoti, broom stick, clean water with storage and other containers, labour, scaffolding / ladder charges, cleaning of roof tiles and other sundries etc., all complete to the satisfaction of the Architect.	Sq.Meter	500.00		
9.0 EXISTING TERRACE WATER PROOFING					
a	Charges for chipping floor and wall joint and providing gola of 75mm x 75mm shall be provided wherever necessary using polymer mortar in 1:3 ratio (Cement : Sand) admixed with Dr. Fixit Pidicrete URP @ 1 kg per bag of cement and finishing the same with cement mortar.	METER	165.00		
b	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	EACH	31.00		
c	Providing and laying polymer modified cement based water proofing treatment on old terrace which includes : (a) Preparing the surface by chipping the top layer either by manual or mechanical means, cleaning the surface by wire brushing and jet water so as to make the surface free to receive the treatment (b) Inspecting the terrace for the cracks and opening them in V shape by grinder or manually and then filling them with crack seal compound of reputed make (c) Applying polymer modified cementitious slurry coat of reputed make preferably SIKA / Dr. Fixit or as approved by Engineer-in-charge over the pre-wetted slab including adjoining walls upto 300 mm height (d) Subsequently , fibre glass cloth shall be laid over the first coat of polymer modified cementitious slurry and then second coat of polymer modified cementitious slurry shall be laid over fibre glass cloth (e) On brush topping, screed concrete of 1:2:4 admixed with suitable integral waterproofing compound 25mm to 40mm thick to a minimum slope of 1 in 100 with aggregate size down 10mm with maximum water cement ratio 0.45 shall be laid. (f) Finishing the surface with 20 mm thick joint less cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge and (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	Sq.Meter	265.00		



	(CHEMICAL BRAND - DR.FIXIT / SIKA or equivalent)				
d	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. (MAKE - ASIAN PAINT DAMP PROOF / DR. FIXIT ROOF SEAL)	Sq.Meter	265.00		
10.0	PLINTH PROTECTION				
a	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sq.Meter	36.00		
b	Brick edging 7cm wide 11.4 cm deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).	METER	60.00		
11.0	DOORS & WINDOWS FOR TOILETS & PANTRY				
	Providing and Fixing Fibre Glass Reinforced Plastic (FRP) Panelled Doors (30mm thick) along with frames of cross-section 90mm x 45mm required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing the frames and door.	Nos	4.00		
	GROSS AMOUNT - II				
III	SANITARY FIXTURES				
1.0	Providing and fixing European type wall hung white European water closet of Parry ware /Hind ware along with concealed cistern and flush plate of superior quality and approved sample by Engineer-In-Charge including soil pipe, vent pipe up to outside face of wall,100mm dia. G.I. plug bend inlet pipe all fittings, cutting & making good walls, floors etc. complete. Approved Makes for EWC : Hindware/ Parryware/ Cera / Approved Equivalent, Approved Makes for Flush Valve : Jaquar/ Hindware/Parryware / Approved Equivalent.	Nos	2.00		

2.0	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge : Orissa pattern W.C Pan of size 580x440 mm with flushing cistern and overflow arrangement	Nos	1.00		
3.0	Providing and fixing white vitreous china flat back half stall 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 cutting and making good the walls and floors wherever required, fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Nos	3.00		
4.0	Supplying and fixing in position best quality approved make white colour glazed earthen ware over the counter wash basin size 580mm x 430mm of Hindware or approved make with a pair of cast iron brackets including cost of 15mm Φ brass chromium plated pillar cock, one angular stop cock, heavy type C.P 15mm dia connection pipes, waste coupling, waste pipe, HDPE Waste Line of 40mm dia upto floor trap, etc filling the joints with white cement by adding pigment of matching shade including fixing the wash hand basin under the counter in position with teak wood plugs and screws and giving necessary water supply connection and painting the brackets with two coats of paint over a priming coat of anticorrosive paint including testing for leakage etc. complete as per standard specifications. Approved Makes: Hindware/ Parryware / Approved Equivalent.	Each	2.00		
5.0	Supply, Installation, Testing & Commissioning of 15 mm nominal bore C.P. Health Faucet. Rate to include cost of Hand Shower (Health Faucet) (ABS Body) with 1 Meter Long PVC Tube & CP Wall Hook. Basic price: Rs. 1175/- (Model NO -Hind Ware - Cat. No.:F160068CP) Approved Makes: Hindware/ Parryware / Approved Equivalent.	Nos	2.00		
6.0	Supply, Installation, Testing & Commissioning of 15 mm nominal bore C.P. brass Angular Stop Cock with Wall Flange along with all required hardware. Approved Makes: Jaquar/ Hindware/ Parryware / Approved Equivalent.	Each	8.00		
7.0	Supply, Installation, Testing & Commissioning of 15 mm nominal bore C.P. brass Concealed Stop Cock, Regular Body with Adjustable Wall Flange along with all required hardware complete. Approved Makes: Hindware/ Parryware / Approved Equivalent.	Each	7.00		



8.0	Supply & Installation of CP Brass 15mm 2 Way Bib Cock with Wall Flange along with all required hardware complete. (Model NO -Hind Ware -Cat. No.:F570005CP) Approved Makes: Hindware/ Parryware	Each	2.00		
9.0	Supply & Installation of CP Brass 15mm Long body Bib Cock with Wall Flange along with all required hardware complete. Approved Makes: Hindware/ Parryware	Each	1.00		
10.0	Supply, Installation, Testing & Commissioning of 15 mm nominal bore Single Lever Extended basin mixer (85 mm +/- 5 mm height) without pop up waste system, with 450 mm long braided hoses with base flange along with all required hardware complete. (Model NO -Hind Ware -Cat. No.:F570003CP) (PILLAR COCK) Approved Makes: Hindware/ Parryware / Approved Equivalent.	Each	4.00		
11.0	Supplying and Fixing Bevelled Edge Mirror / Mirror with teak wood lipping around of special glass of approved make as per direction of Engineer - In - Charge with 6mm thick commercial ply base fixed to wooden screws and washers	Sq.Meter	3.00		
12.0	Providing, fitting and fixing of Stainless Steel Sink of Nirali or approved equivalent make stainless steel sink with drain board and bowl size 410 x 355 x 175 mm over RCC Slab to match with adjacent granite top level with necessary cement mortar (1:3) or approved adhesive. The rate quoted shall include the cost of providing and fixing one no waste coupling, one no GI elbow including necessary size, PVC Pipe of approved make upto near trap, filling th e joints with wite cement by adding pigment of required shade all complete as directed by Architect / Bank's Engineer	Each	2.00		
13.0	Supplying and fixing best approved quality Brass C.P / Al anodised Towel rail 600mm. long and 20mm Diameter with brackets of same material including cost of Teak-Wood plugs and C.P.Screws etc., complete complying with standard specifications. Approved Makes: Hindware/ Parryware / Approved Equivalent.	Each	2.00		
14.0	Supply, Installation, Testing & Commissioning of Liquid Soap Container having with concealed fittings arrangement of approved quality and colour along with all required hardware complete. Approved Makes: Jaquar/ Hindware/ Parryware / Approved Equivalent.	Each	4.00		
15.0	Providing and fixing unplastised PVC connection pipe with brass unions 45 cm length :15 mm nominal bore	Each	6.00		
16.0	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	4.00		
17.0	Supplying and fixing automatic hand dryer having low noise and energy consumption	Each	1.00		
GROSS AMOUNT - III					



IV PVC PIPES & FITTINGS AND RAIN WATER PIPES					
1.0	Providing and fixing unplasticised-PVC pipe clips of approved design to unplasticised-PVC pipes by means of 50x50x50 mm hard wood plugs, screwed with MS screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	110mm	Each	5.00		
2.0	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 10mm gap for thermal expansion.				
	110 mm	Meter	10.00		
3.0	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 10mm gap for thermal expansion.				
a	Bend 87.5 degree				
	110 mm Bend	Each	5.00		
b	Shoe (Plain)				
	110 mm Shoe	Each	2.00		
4.0	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	Each	6.00		
GROSS AMOUNT - IV					
V INTERNAL & EXTERNAL WATER SUPPLY WORKS					
1.0	DISMANTLING WORK				
	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.	NO	1.00		
2.0	WATER SUPPLY WORKS				
a	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testiang of joints complete as per direction of Engineer in Charge.				
	EXTERNAL WORK				
	32 mm nominal outer dia .Pipes.	METER	50.00		



b	32 MM Dia CPVC Valve				
	Supply and fixing of 32 mm Dia CPVC Ball Valve of approved make with necessary flanges, gaskets, nuts and bolts complete as required and shall be compatible with Composite pipes as applicable.etc all complete as directed by Architect/ Engineer in charge	NO	4.00		
c	25 MM Float Valve Supply & Fixing of 25 MM NB GM Valve With Flexible Rod, along with Heavy Quality PVC Ball, Automatic Open Shut To Save Water to be fixed with appropriate alignment for water tank	NO	2.00		
d	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	LT	2000.00		
e	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality, size and colour.	NO	2.00		
f	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	Concealed work including cutting chases and making good the walls etc.				
i	15 mm dia nominal outer dia pipes	METER	10.00		
ii	20 mm dia nominal outer dia pipes	METER	20.00		
iii	25 mm dia nominal outer dia pipes	METER	35.00		
g	Providing and fixing brass stop cock of approved quality. 25 mm dia nominal bore	NOS.	2.00		
GROSS AMOUNT - V					
VI SEWERAGE SYSTEM					
1.0	Providing, laying and jointing SWR Pipe including testing of joints etc. complete : 200mm Diameter with all the accessories. This item includes excavating trenches of required width, dressing of sides, ramming of bottom, laying cement concrete 1:5:10 for haunching, returning the soil after laying out pipes, complete in all respect.	METER	70.00		

2.0	Providing, laying and jointing SWR Pipe including testing of joints etc. complete : 100 mm Diameter with all the accessories. This item includes excavating trenches of required width, dressing of sides, ramming of bottom, laying cement concrete 1:5:10 for haunching, returning the soil after laying out pipes, complete in all respect.	METER	20.00		
3.0	Providing, laying and jointing SWR Pipe including testing of joints etc. complete : 75 mm Diameter with all the accessories. This item includes excavating trenches of required width, dressing of sides, ramming of bottom, laying cement concrete 1:5:10 for haunching, returning the soil after laying out pipes, complete in all respect.	METER	25.00		
4.0	Providing and fixing square-mouth S.W. gully trap grade'A' 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 150 x 100 mm size P type With Sewer bricks conforming to IS : 4885	EACH	5.00		
5.0	Constructing brick masonry manhole in cement mortar 1:4 (1 cement :4 coarse sand) RCC top slab with 1:2:4 mix (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with floating coat fo neat cement and making channels in cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm nминаl size) finished with a floating coat of neat cement complete as per standard design.				
a	Inside size 90x80 cm and 45 cm deep including CI cover with frame (medium duty) 455x610mm internal diamensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15kg) With FPS bricks of class designation 7.5 for Sewer Line.	EACH	7.00		
b	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	EACH	3.00		
6.0	Extra for depth for manholes:				
a	Size 90 x 80cm with FPS bricks class I	METER	3.00		
b	Size 120 x 90 with	METER	3.00		



7.0	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement:3 coarse sand :6graded stone aggregate 20 mm nominal size) as per standard design				
	With 20x20 mm square bar	EACH	5.00		
8.0	SEPTIC TANK WITH SOAK PIT				
a	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (upto 1.5 m depth) for Column Footing / Foundation Trenches including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as per Architectural / Structure drawing depth including dressing of sides ramming of bottom, shoring, leading form work and disposal of surplus excavated soil as directed for disposal beyond site limits in municipal stipulated area. All complete as per drawing, approval and instruction of the Architect. All measurements of the width of the excavation pit shall be considered only upto to the edge of PCC (as per drawings) and No additional cost is payable for excess working width, depth and overlapping				
(i)	Upto 1.5m Depth	m ³	42.00		
(ii)	1.5m to 3.0m Depth	m ³	42.00		
b	Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 fine aggregate : 8 coarse aggregate 40 mm machine mixed, rammed and well consolidated in layers not exceeding 150 mm including form work, curing, removal of formwork, levelling etc., complete in all trenches excavated for septic tank, soak pit, and trenches for laying pipes and at the level of plinth beam complete as per drawing, approval and instructions of Architect and Bank	m ³	3.00		
c	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	m ³	1.50		
d	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and find aggregate derived from natural sources, Ordinary portland cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; including the cost of finishing as per direction of the engineer-in-charge and compaction with use of mechanical vibrator, but exclude cost of steel reinforcement and binding wire. The work should be carried out according to IS code and as per details given in specifications and drawings. All complete as per drawing, approval and instructions of the Architect / Bank. R.C.C. work with approved cement, coarse sand derived from natural sources and 20 mm (3/4") gauge nominal size stone aggregate in the proportion of 1:1.5:3 (M-20)	m ³	3.50		

e	Brick work with common burnt clay F.P.S. (non modular) 1st Class Bricks in foundation and plinth in Cement Mortar 1:4	m ³	10.00		
f	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Cement Mortar 1:4	Sq.Meter	8.00		
g	Providing Fe 500 TMT conforming to I.S 1786 for RCC works including cutting bending ,cranking, placing in position with binding wire G.I.18 gauge wire double runs, with 'authorized/ as per codes Laps, chairs, spacers only should be added. Approved TMT (Thermo Mechanically Treated steel) Bars. (Payment will be made for actual length measurement of fabricated steel work including authorized laps only calculated on theoretical weight for different sections).	KG	280.00		
h	Centering and shuttering including strutting, propping etc. and removal of form work for beams & slab, all work complete as per the directions of Architect / Engineer in Charge	Sq.Meter	20.00		
i	12 mm cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor to level including internal rounded angles not exceeding 80 mm in girth and finished even and smooth. (1) 1 cement : 3 Coarse sand with floating neat cement	Sq.Meter	115.00		
j	Providing and fixing C.I. tee at the inlet and outlet of septic tank.	NO.	2.00		
k	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
i	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	NO.	2.00		
ii	Circular shape 500 mm dia precast R.C.C. manhole cover with frame- M.D.-10	NO.	1.00		
l	Providing M.S. foot rests including fixing in manoholes with 20x20x10 cm cement concrete blocks 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) as per standard design:(With 20x20mm square bar)	NO.	12.00		
m	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	NO.	1.00		
9.0	Supplying and fixing in position Soil Waste and Vent Pipe of 75mm having ISI mark and providing leakproof joints including fixing to the wall with P.V.C/M.S clamps etc., and making connection to all sanitary fittings, dismantling masonry/R.C.C. works wherever necessary and making good the dismantled portion to the original condition, complying with standard specifications.	Meter	20.00		
10.0	Supplying and fixing in position of Nahni trap/ PVC with best stainless steel gratings of approved brand and quality, fixed over a bed of brick jelly lime concrete 1:2:4 mix using 40mm brick jelly and finished with C.M.1:3 mix including dismantling brick masonry wherever found necessary and making good of the disturbed portion to original condition and giving connections to the cast iron pipe as directed etc complete complying	NO	10.00		



	with std. specifications (the Nahni trap should got approved by the Engineer before use on works)				
11.0	Supplying and fixing P.V.C. ventilating shaft of 110mm dia 6Kg/sqm and vent cowl 3m height of best approved quality and as per standard specifications.	NO	5.00		
12.0	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 : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :	NO	10.00		
13.0	Providing and fixing bend of required degree and size with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.	No	14.00		
14.0	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete :				
a	100x100x100x100 mm	No	4.00		
b	75x75x75x75 mm	No	4.00		
15.0	Providing and fixing terminal guard :				
a	100 mm	No	1.00		
b	75 mm	No	1.00		
GROSS AMOUNT - VI					
SUMMARY :					
I	CIVIL WORKS (MEETING HALL + IT ROOM)				
II	OTHER MISCELLANEOUS CIVIL WORKS				
III	SANITARY FIXTURES / FITTINGS				
IV	OTHER PIPES & FITTINGS				
V	WATER SUPPLY WORKS				
VI	SEWERAGE SYSTEM				
A	TOTAL AMOUNT (I+II+III+IV+V+VI)				
B	GST AMOUNT (.....%)				
C	GROSS AMOUNT (C = A+B)				

GROSS AMOUNT IN WORDS :

Rupees..... only

Place:
Date:

Signature & Seal of the Tenderer