

**RESERVE BANK OF INDIA
ESTATE DEPARTMENT
KANPUR**

TENDER

(PRICE BID)

FOR

**RENOVATION OF BANK'S STAFF QUARTERS
AT
KIDWAINAGAR, KANPUR**

ISSUED TO _____

LAST DATE FOR SUBMISSION: **PM on** _____

**RESERVE BANK OF INDIA
ESTATE DEPARTMENT
KANPUR**

SCHEDULE OF QUANTITIES

Renovation of Bank's Staff Quarters at Kidwai Nagar, Kanpur

Preamble:

1. The work will be carried out in the occupied flats. Contractors are requested to inspect the site to acquaint themselves about the scope of work, working conditions, and all necessary information & particulars to enable them to submit the tender.
2. The work has to be carried out as per convenience of the occupant and in co-ordination with the work of other agencies.
3. A supervisor is to be posted at site for supervising the work. He will take instructions from the Bank Engineers and should be capable of discussing and taking decisions at site.
4. **For the items of works having Basic rate of material**, price adjustment will be made only on the actual quantity measured. The price adjustment will be made for the difference between the basic rate and the actual market / material purchase rate and 15% profit thereon in the rate quoted for respective item in the tender. Basic rate indicates cost of material at site including transportation charges, sales tax, excise/custom duty, VAT, SAT, Octroi or any other tax and duty or other levy charged by the Central Government or State Government or local authority as applicable.
5. Rates quoted shall include the cost of materials, labour, wastages, transportation, scaffolding, tools and plants required to carryout the job and shall also include all taxes and levies charged by state / central / local authorities.
6. The work will normally be carried out between 8.00 a.m. to 6.00 pm. However, working hours may be extended on normal working days or on Saturdays / Sundays or holidays as per mutual consent. No extra payment will be made on this account.
7. The successful tenderers will be required to arrange for samples of each item of work for seeking approval by the Bank before taking up the work. No payment will be made for arranging the samples. He shall also arrange for changes in the sample as per Bank's advice without any extra cost to the Bank. The work will be taken up on large scale as per the approved sample.

8. Any debris generated out of the said work may please be cleared on priority basis from the Banks Premises.

Item No.	Description of item	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1.	Carefully dismantling and removing brick bat coba, lime concrete, cinder filling etc. from sunken floor of the toilet, bath, kitchen, etc. including flooring, squatting pan, traps, pipes, etc.; stacking the serviceable material in Bank's store and disposing off debris out of Bank's premises at dumping ground of local administration, etc. all complete as directed.	9.00 Cum	Cum		
2.	Providing and applying polymer based two compound water proofing treatment to the sunken portion of the toilets, baths etc. by using products of M/s Pidilite, M/s Fosroc, M/s Sika, M/s BASF, M/s MC-Bouchemie or any other equivalent in the following steps. : a) Thoroughly cleaning of all surfaces of sunken portions to be treated. b) Grouting and injecting polymer cement slurry as per manufacturer's specifications into the RCC members till its refusal. c) Repairing the damaged portions of the RCC members with polymer concrete / mortar as per manufacturer's specifications. d) Providing and applying 20 mm thick water proofing cement plaster 1:4 (1 cement: 4 coarse sand) mixed with water proofing compound as per manufacturer's specifications to the sunken floor and sides including rounding off junctions / corners with water proofing cement mortar, etc. all complete. e) Providing and applying a coat of polymer water proofing primer and two coats of two compound based water proofing polymer/chemical of M/s Pidilite, M/s Fosroc, M/s Sika, M/s BASF, M/s MC-Bouchemie or any	55.00 Sqm	Sqm		

	other equivalent approved make as per manufacturer's specifications to the sunken floor, sides, etc.; testing the treated surface by ponding method for 72 hours. f) Repeat the treatment till no seepage is observed on the treated surface. g) Providing and laying 15mm thick protective layer of plain cement plaster in cement mortar 1:4 (1 cement:4 coarse sand) over the treated surface. Note: - (Single measurement for all the sub items of work shall be taken).				
3.	Providing and laying brick bat coba to the sunken floors using best quality locally available well burnt sliced bricks in cement mortar 1 : 4 (1 cement : 4 coarse sand) mixed with water proofing compound as per manufacturer's specifications, finishing the top with 25 mm thick layer of cement mortar 1 : 4 (1 cement : 4 coarse sand) mixed with approved quality water proofing compound as per manufacturer's specifications. Note:- No deduction will be for squatting pan, pipes, etc.	7.00 Cum	Cum		
4.	Providing, fixing, jointing and testing first quality white vitreous chinaware Orissa type Indian squatting / W C pan of Hindware, Parryware or any other equivalent approved make including providing and fixing 100mm diameter ISI marked cast iron P trap and pipe / tail piece of suitable length up to the vertical stack, jointing properly with pig lead, applying poly sulphide or any other approved quality sealant to the joints, etc. all complete with all labour, material, T&P. The rate shall include for the cost of old material such as cast iron pipe, P trap, etc. taken out under this item i.e. the contractor shall take the at no extra cost.	40 Nos.	Each		
5.	Carefully taking out the existing	40	Each		

	flushing cistern including flush pipe, brackets, etc. and stacking the same in Bank's store. Supplying and fixing 10 litres PVC Low level flushing cistern of Parryware, Hindware or any other equivalent approved make with approved quality brackets, PVC flush pipe, PVC connection with nut washers, etc. all complete as directed.	Nos.			
6.	Carefully taking out the existing IPS finish from the top of the cooking platform, shelves, including concrete platform for drying of pots, etc. wherever required; cleaning the surface with wire/ coir brush; disposing off debris out of Bank's premises at dumping ground approved by local administration. Providing, cutting, placing and fixing machine cut machine polished 18 to 20 mm thick approved premium quality jet black granite stone slabs in required size up to 6' in length and 2' in width over the cooking platform , shelves, etc. wherever required with 20 mm thick cement mortar 1: 4 (1 cement: 4 coarse sand) bedding set in cement slurry; jointing with black colour polymer cement grout or white cement slurry mixed with polymer and matching pigment; cleaning, curing, polishing, etc. all complete as directed by the Engineer-in-Charge. Note: 1. Basic rate of black granite is Rs 2400/- per Sqm. 2. This item will be operated in kitchen. 3. Exposed plan area shall only be measured and paid for).	124.00 Sqm	Sqm		
7.	Carefully taking out the existing IPS finish from front face of cooking platform, shelves, etc. wherever required; cleaning the surface with wire/ coir brush; disposing off debris out of Bank's premises at dumping ground approved by local	10.00 Sqm	Sqm		

	administration. Providing, cutting, placing and fixing machine cut machine polished 18 to 20 mm thick approved premium quality jet black granite stone slabs in required size and length up to 6' to the front face of cooking platform, shelves, etc. wherever required with 20 mm thick cement mortar 1: 4 (1 cement: 4 coarse sand) backing set in cement slurry; jointing the stone slabs with black colour polymer cement grout or white cement slurry mixed with polymer & matching pigment, cleaning, curing, polishing, etc. all complete as directed by the Engineer-in-Charge. Note: 1. Basic rate of black granite is Rs 2400/- per Sqm. 2. This item will be operated in kitchen. 3. Exposed plan area shall only be measured and paid for).				
8.	Providing and fixing 200mmX125mm (exposed size) 18 to 20 mm thick premium quality granite slab corner shelf including moulding of free edges, cutting chases in walls, fixing with cement mortar, etc. complete as per directions of Bank's Engineer.	80 Nos.	Each		
9.	Half rounding / machine edge moulding of granite stone edges to have smooth finish, polishing, etc. all complete with labour, T&P, etc. complete as directed.	240 RM	RM		
10.	Making smooth hole for gas pipe in RCC cooking platform and granite stone slab or through the junction of wall and slab, providing & fixing 25mm diameter approved quality 16 gauge MS conduit pipe, filling the gap between granite stone slab and MS pipe with black colour polymer cement grout or white cement slurry mixed with matching pigment, cleaning, curing, etc. complete as directed.	40 Nos.	Each		

11.	Providing and laying 25mm thick 500mmX500mm or any other approved size machine cut machine polished Kota stone slabs of uniform thickness and shade in flooring laid on average 20 mm thick cement mortar 1: 4 (1 cement: 4 coarse sand) bedding and jointing properly with white cement slurry mixed with matching pigment including curing, polishing, etc. all complete as directed by the Engineer-in-Charge. Note: 1. This item will be operated for bath room flooring. 2. Exposed plan area shall only be measured and paid for).	88.00 Sqm	Sqm		
12.	Supplying and laying 300mmX300mmX6mm to 8mm thick 1st quality approved make (Nitco, Kajaria, Johnson, Bell), shade, finish and size, white / coloured ceramic non-skid tiles in flooring, laid to desired level and pattern, on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) bedding set in cement slurry, jointed neatly with white cement mixed with matching pigment, cleaning, curing, etc. complete as directed by the Engineer-in-charge. Note: 1. This item will be operated for kitchen flooring. 2. Exposed plan area shall only be measured and paid for). 3. The basic rate is Rs 400/- per Sqm.	145 Sqm	Sqm		
13.	Supplying and laying 6mm thick 1st quality approved make (Nitco, Kajaria, Johnson, Bell) white glazed ceramic tiles in flooring, laid to desired level and pattern, on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) bedding set in cement slurry, jointed neatly with white cement mixed with matching pigment, cleaning, curing, etc. complete as directed by the Engineer-in-charge. The rate shall	55.00 Sqm	Sqm		

	include for filling the gap between W.C. seat and floor tiles with silicon sealant of approved chemical manufacturers viz. M/s Fosroc, M/s Sika, M/s MC-Bouchemie, M/s Pidilite. Note: 1. Basic rate of ceramic tile is Rs 350/- per Sqm. 2. This item will be operated for W.C. flooring. 3. Exposed plan area shall only be measured and paid for). 4. Area of w.c.pan will be deducted.				
14.	Carefully taking out the existing damaged portion of marble mosaic dado and disposing of debris out of the Bank's premises at a suitable dump approved by Local Administration. Providing and laying 5 to 6 mm thick 200mmX300mm or any other approved size 1st quality white glazed ceramic tiles of approved make (Kajaria, Johnson, Nitco, Bell) and finish in dado work laid on average 20 mm thick cement mortar 1:3 (1cement: 3 coarse sand) bedding set in cement slurry including jointing with polymer cement grout or white cement slurry mixed with matching pigment, cleaning, curing, making good the damages with cement mortar, cleaning, painting the repaired portion with OBD of matching shade as per specifications, etc. all complete as directed. Note: 1. Basic rate of ceramic tile is Rs 350/- per Sqm. 2. This item will be operated in kitchen, bath room, wash area and w.c. dado. 3. Exposed plan area shall only be measured and paid for).	1707.00 Sqm	Sqm.		
15.	Carefully taking out IPS dado or cement plaster; disposing off debris out of Bank's premises at a suitable	816.00 RM	RM.		

	dump approved by local administration. Providing and laying 5 to 6 mm thick 200mm long 65 to 75mm wide approved quality ceramic border tiles of Kajaria, Orient or any other equivalent approved make, colour and design in dado laid on average 20 mm thick cement mortar 1:3 (1cement: 3 coarse sand) bedding set in cement slurry including jointing with polymer cement grout or white cement slurry mixed with matching pigment, cleaning, curing, making good the damages with cement mortar, cleaning, painting the repaired portion with OBD of matching shade as per specifications, etc. all complete as directed. Note: 1. Basic rate of ceramic border tile is Rs.150/- per R. M. 2. This item will be operated in kitchen, bath room, wash area and w.c. 3. Exposed plan area shall only be measured and paid for).				
16.	Providing and laying 8 to 10mm thick vitrified tiles of size 600mmX600mm or any other approved size, conforming to IS: 15622, of approved manufacture such as Naveen, Johnson, Asian, NITCO, SOGO or any other equivalent approved make and shade in flooring in required design and pattern, laid on 3mm (minimum) thick approved quality tile adhesive such as fevimate, Ball-Endura silver star, unitile or any other approved equivalent, grouting joints with polymer cement grout or white cement slurry mixed with polymer and matching pigment, cleaning, curing, etc. The rate shall include for additional thickness of tile fixing adhesive if required to maintain proper floor level/slope and the cost of preparation of surface by hacking of	1480.00 Sqm.	Sqm.		

	surface to receive the flooring, cleaning; disposal of debris out of Bank's premises, etc. all complete as directed by the Bank's Engineer. Note: 1. Basic rate of vitrified tile is Rs.500/- per Sqm. 2. This item will be operated in bedroom, living room, passage, etc. 3. Exposed plan area shall only be measured and paid for).				
17.	Providing and fixing 100mm high, 600mm long and 8 to 10mm thick vitrified tiles in skirting and dado, conforming to IS: 15622, of Naveen, Asian, NITCO, SOGO, Johnson or any other equivalent approved make in skirting and dado wherever required in all colours, design and pattern, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) backing, grouting joints with polymer cement grout or white cement slurry mixed with polymer and matching pigment, cleaning, curing, etc. The rate shall include for dismantling of existing IPS/MM skirting, dado, etc., making good the damages with cement mortar, cleaning, disposal of debris out of Bank's premises, painting the repaired portion with OBD of matching shade as per specifications, etc. all complete as directed. (Basic rate of vitrified tile is Rs.500/- per Sqm.).	142.00 Sqm.	Sqm.		
18.	Carefully taking out the existing damaged portion of cement plaster, racking of joints, removing dust, cleaning the surface, disposing of debris out of the Bank's premises at a suitable dump approved by local administration, providing and applying 15 mm thick (average) plain cement plaster in single layer in cement mortar 1:4 (1 cement: 4 coarse sand) including scaffolding, curing, etc. complete all as directed by the Engineer-in-Charge.	40.00 Sqm	Sqm		

19.	Carefully removing the existing G I pipes including fittings and fixtures such as washbasin, mirror, towel rod, marble mosaic or stainless steel sink, taps, etc from bathroom, kitchen, toilet, lobby, etc. in a Class-III / IV flat, stacking, disposal of debris out of Bank's premises at a suitable place.	40 Flats	Flat		
20.	Providing and fixing in position medium quality TATA make GI pipe with approved heavy quality ISI mark GI fittings and specials, MS hooks, etc. for concealed piping work including threading, jointing and testing, providing & applying approved quality metal primer, hessian cloth soaked in hot bitumen, chasing in walls, floors, etc. complete as per specifications or as directed by the Engineer-in-charge.				
a.	15 mm diameter	620.00 RM	RM		
b.	20 mm diameter	80.00 RM	RM		
c.	32 mm diameter	120.00 RM	RM		
21.	Providing and fixing in position approved heavy quality sand cast iron pipes for concealed / exposed work using pipes and specials of NICCO, CICO or any other equivalent approved make for soil / waste line with all fittings and specials like bends, junctions with or without door Tee, etc. with lead caulked joints, making connection with CI trap, existing lines, gully traps, manholes, cutting holes in the walls, closing the same with cement concrete and finishing with cement mortar, painting the pipes with black bitumen for concealed piping work and with two coats of 1 st quality synthetic enamel paint of approved make and shade over a coat of metal primer for exposed piping work, providing and fixing heavy quality MS clamps, etc. The rate shall also include for				

	scaffolding, testing and salvage value of the old material taken out under the scope of this item, etc. complete as directed by the Engineer-in-charge.				
a)	50mm diameter	20 RM	RM		
b)	75mm diameter	40 RM	RM		
c)	100mm diameter	35 RM	RM		
22.	Providing and fixing in position and testing approved heavy quality sand cast iron floor trap including making connection with the existing / new pipe with lead caulk jointing, etc. complete as directed by the Engineer-in-charge.				
a)	75mmX50mm diameter	28 Nos.	Each		
b)	100mmX75mm diameter	28 Nos.	Each		
23.	Providing, fitting and fixing heavy type following fixtures & fittings:				
a.	15mm CP brass short body bib cock of L&K or any other equivalent approved make	120 Nos.	Each		
b.	15mm CP brass long body bib cock of L&K or any other equivalent approved make	120 Nos.	Each		
c.	15mm CP brass angle cock of L&K or any other equivalent approved make	240 Nos.	Each		
d.	15mm CP brass concealed type stop cock with flange of L&K or any other equivalent approved make	120 Nos.	Each		
e.	20mm CP brass concealed type stop cock with flange of L&K or any other equivalent approved make	40 Nos.	Each		
f.	15mm X100mm CP brass shower rose with arm of L&K or any other equivalent approved make	40 Nos.	Each		

g.	15mm CP brass pillar cock of L&K or any other equivalent approved make	40 Nos.	Each		
h.	CP brass flange for 15mm diameter bibcock or stop cock	520 Nos.	Each		
i.	32mm dia CP brass bottle trap of L&K or any other equivalent approved make	40 Nos.	Each		
j.	450mm long CP brass towel rod with brackets including pvc gutty, stainless steel screws	40 Nos.	Each		
k.	600mm long CP brass towel rod with brackets including pvc gutty, stainless steel screws	40 Nos.	Each		
l.	100mm stainless steel floor trap grating	92 Nos.	Each		
m.	15mmX450mm PVC connection with nut and washers	80 Nos.	Each		
24.	Providing and fixing approved quality 1mm thick rectangular stainless steel sink of overall size 610mmX460mm (with bowl size 500mmX400mmX200mm minimum) of Nirali, Diamond or any other equivalent approved make with dome type stainless steel grating and waste coupling. The rate shall include for providing and laying 75mm thick RCC 1:2:4 platform with necessary reinforcement 8mm diameter Tor steel at 150 C/C in both ways for supporting the sink, shuttering, plastering of soffits and repairing the damages with cement mortar 1:3, providing and fixing medium quality 40mm diameter GI waste pipe of required length (approximately 600mm) with GI socket, painting of waste pipe and socket with a coat of metal primer and two coats of synthetic enamel paint. Note: 1. Basic rate for a complete set of sink with grating and coupling is Rs.4,500/-	40 Nos.	Each		

	per unit 2. This item will be operated in kitchen.				
25.	Providing & fixing 550mmX400mm 1 st quality white vitreous chinaware wash basin of Hindware or Parryware make including making hole for pillar cock, providing and fixing 32mm CP brass waste coupling of L&K make, providing and fixing CI brackets, making holes in the wall, grouting with cement concrete, painting the bracket with metal primer and two coats of 1 st quality synthetic enamel paint. Rate shall include for disposal of debris out of Bank's premises, etc. complete as directed.	40 Nos.	Each		
26.	Supplying and fixing 5mm thick approved quality decorative mirror of Modi Guard, Saint Gogain, Atul or any other make with backing, fixing arrangement, etc. Note: Basic rate of mirror with backing and fixing arrangement is Rs500/-	40 Nos.	Each		
27.	Supplying and fixing 3mm thick approved quality acrylic medicine chest of size 300X375X125mm with fixing arrangement, etc.	40 Nos.	Each		
28.	Repair of single leaf wooden door shutter by taking out the same from the chaukhat, cutting the lower portion of bottom rail by 15mm or as directed to accommodate the vitrified tile flooring, painting the damaged / cut portion with wooden primer and synthetic enamel paint, re-fixing the door shutter to the door frame. The rate shall include the cost of hinges to be fixed in place of damaged or missing hinges as per existing size and number, m s screws, minor repairing, adjustment, etc.	280 Nos.	Each		
29.	Rebate for taking away G I pipes,	40 Jobs	Each		

	fittings, fixtures such as washbasin, mirror, towel rod, marble mosaic sink, wooden medicine chest, taps, etc taken out under tender item No.-19 above from bathroom, kitchen, toilet, lobby, etc. in a Class-III / IV flat. Note: Stainless steel sinks and low level PVC flushing cisterns are provided in some of the flats will not be allowed to be taken away by the contractor and the same are to be handed over to the Asst. Care Taker of the Bank in his store by the contractor.				
Total Amount (in figures and words) :					

Place:

Signature of the contractor:

Date:

Name and address of firm:
(With seal)