

## SCOPE OF WORK & BOQ

### Cafeteria Kitchen Renovation at ICAI Tower

Plot No. C-40, G Block, Bandra Kurla Complex (BKC), Bandra (E), Mumbai - 400051

Sr.	Description	Qty	Unit	Rate	Amount
<b>A.</b>	<b>CIVIL WORK :</b>				
<b>1</b>	<b>BREAKING OF EXISTING MASONARY WORK</b>				
a)	Removing of existing flooring granite / tiles wall tile or tile cladding on walls at all heights and removal of debris from site. The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	3500	SFT		-
b)	Removing of P.C.C upto 50mm thick for raceway. The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	1000	SFT		-
c)	Removing of existing ceiling Gypsum / modular ceiling at all heights and removal of debris from site. The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	500	SFT		-
d)	Removing of existing wooden doors & their frames. The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	4	Nos.		-
e)	Removing of Existing wall. The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	100	SFT		-
f)	Removing of old granite platform The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	50	RFT		-
g)	Removing of old granite doors frames and windows frames. The rate shall be inclusive of removing the base mortar & disposing the same The rate shall be inclusive of removal of debris from premises.	100	RFT		-
<b>2</b>	<b>ERECTION OF NEW SIPOREX / BLOCK/BRICK WORK</b>				
a)	Providing and laying of Siporex Block work in cement mortar 1:4 (1 cement : 4 coarse sand ) . The horizontal and vertical joint thickness should be 10MM. Siporex block wall with conventional/I.S. of Size 600mm x 200xx x150mm blocks in cement mortar of 1:6 in plinth as backing in masonry including bailing out water manually striking joints, raking out joints and watering complete.	1200	SFT		-
b)	Providing and laying of 6" BRICK work in cement mortar 1:4 (1 cement : 4 coarse sand ) . The horizontal and vertical joint thickness should be 10MM. Siporex block wall with conventional/I.S. type bricks in cement mortar of 1:6 in plinth as backing in masonry including bailing out water manually striking joints, raking out joints and watering complete.	115	SFT		-

Sr.	Description	Qty	Unit	Rate	Amount
<b>3</b>	<b>PLASTERING WORK</b>				
	CEMENT PLASTER - Providing and applying 12mm thick plaster in cement mortar mix ratio CM 1:4 (1 Cement : 4 Sand) to internal surfaces of concrete and masonry work; including raking out joints, hacking concrete surfaces and applying approved chemical bonding agent and applying a scratch coat over concrete surfaces by bonding / adhesive chemical coat the plaster should be in straight line, level and plumb and the joint must be in right angle. also providing and fixing 20 gauge GI chicken mesh	3000	SFT		-
<b>4</b>	<b>Waterproofing of Floor/slabs,</b>				
	Cleaning the surface and filling cracks (if any), applying cement slurry along with Cement mortar mixed with Dr Fixit Pidiproof LW+, and finished with Cement mortar mixed with Dr Fixit Pidiproof LW+, applying EPCO ACR wherever necessary, Providing and Moistening the surface with water to render it saturated. Mix Cement and Monobond WF in the ratio of 1.25 kg to 1 by weight and stir continuously. Apply minimum 2 coats with an interval of 12 hours minimum between the coats. Fix fiber mesh while the first coat is still tacky. Cure with sprinkling of water 3-4 times a day. incl. cost of scaffolding transport etc. as per dir of EIC. All the chemicals will be Dr. Fixit only For Leakage testing, after 2 coats of chemicals, the treated floor should be filled with water ( upto 6"height ) for minimum of 8-10 days <b>USE OF FIBER MESH FOR WATER PROOFING IS MUST</b>	3000	SFT		-
<b>5</b>	<b>PCC FLOORING</b>				
	Making 50-75 MM Thick Cement concrete flooring (PCC) 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement	1000	SFT		-
<b>6</b>	<b>KOTA STONE FLOORING</b>				
	Providing and fixing Kota stone flooring with 18-25 mm thick machine Cut Kota stone of size 2' X2' , as per sample approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with : Top surface of mortar (bedding) should be levelled correctly by adding fresh mortar at hollows if any. The surface of flooring as laid should be true to slopes flooring to be laid of in proper line & level , giving necessary slopes, filling joints with neat necessary & matching pigments. All angles & edges of Tiles are true & square & are free from chipping. Hairline joints to be maintained with proper chamfers	1000	SFT		-

Sr.	Description	Qty	Unit	Rate	Amount
<b>7</b>	<b>KOTA STONE SKIRTING</b>				
	Providing & fixing machine cut, Kota skirting in design and size as detailed in drawing or as directed by the pm. Tile to be fixed in cement sand mortar in mix ratio 1:4 (1 Cement : 4 Sand) including cleaning. Joints to be well cleaned and grouted with matching colour approved quality readymade approved grout , curing, cleaning, protecting work as approved manner till handing over etc. skirting to required line, level, etc.	500	RFT		-
<b>8</b>	<b>GRANITE PLATFORM</b>				
	Providing and fixing 18 mm thick Granite of any colour and shade, mirror polished and prepolished, machine cut for kitchen platforms, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade, area of slab over 1 INCH THICK KADAPPA stone slab flooring over 30 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over & jointed with grey cement slurry. The job includes making of side verticles also and joints to be filled with pigment to match the shade of the slab including rubbing & polishing complete and also 2 horizontal shelves below the platform.	50	RFT		-
<b>9</b>	<b>VITRIFIED DADO TILE</b>				
	Providing & fixing machine cut, 12mm thick approved make (Johnson Endura or its equivalent in NITCO, RAK, Kajaria ) (thickness to be specified by the manufacture of approved make in all colours heat/fire resistant tile in design and size as detailed in drawing or as directed by the pm. Tile to be fixed in cement sand mortar, including cleaning. Joints to be well cleaned and grouted with matching colour approved quality readymade approved grout, curing, cleaning, protecting work as approved manner till handing over etc. Complete Size 600 mm x 600 mm.	3000	SFT		-
<b>B.</b>	<b>PLUMBING WORK</b>				
1	Providing and fixing 3/4" CPVC pipe for inlet of sink, Aqugaurd, Gyser & BIB cock as per design complete with stop cock and all, to be connected in the existing connection. Also to keep provision for an additional line and to be connected with a stop cock, to be switched on in case of emergencies. All plumbing accessories to be considered in this item	200	RFT		-

Sr.	Description	Qty	Unit	Rate	Amount
2	Providing and fixing of 4" PVC pipe for drain and nani trap as per design. To take care of slope	200	RFT		-
3	Providing and fixing 250mm wide SS grating for inside drain with necessary angle frame etc. Complete.	10	Nos.		-
4	Providing and fixing 150mm Dia PVC pipes for drain line including necessary fitting etc. Complete from kitchen to ground floor chamber including all kitchen plumbing work.	250	RFT		-
5	Providing and fixing gate valve	6	Nos.		-
6	Providing and fixing fittings like angle cock, stop cock, bib cock, etc. As required with proper connections and accessories complete SEIKO make	15	Nos.		-
<b>C.</b>	<b>ELECTRICAL WORK</b>				
1	Supply & Installation of concealed / recessed / surface light point / ceiling fan point / call bell point wiring using 1.1KV GRADE <b>FRLS conductor</b> grade 3R (P+N+E) x 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through in appropriate size 20/25mm dia of 16 SWG wall thickness, MS medium conduits, ISI mark, laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling.	360	RFT		-
2	For circuit wiring from relevant DB to switch board with supply and installation including 3R (P+N+E) x 2.5 Sq.mm circuit wires and modular type switch plate, switches, MS concealed back box as required and approved by the consultant. Metal Flexible conduit use it must be joined by gland and check nut at both ends. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.) (The item rate shall include Lighting / Raw / UPS Power Circuit wiring from relevant DB to the switch board with 3Rx2.5 Sq.mm FRLS wires & from switch board to next switch board OR to the first light point / primary point / full point)	450	RFT		-
3	For circuit wiring from relevant DB to switch board with supply and installation including 3R (P+N+E) x <b>4 Sq.mm</b> circuit wires and modular type switch plate, switches, MS concealed back box as required and approved by the consultant. Metal Flexible conduit use it must be joined by gland and check nut at both ends. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.) (The item rate shall include Lighting / Raw / UPS Power Circuit wiring from relevant DB to the switch board with 3Rx4 Sq.mm FRLS wires & from switch board to next switch board OR to the first light point / primary point / full point)	270	RFT		-

Sr.	Description	Qty	Unit	Rate	Amount
4	For circuit wiring from relevant DB to switch board with supply and installation including 3R (P+N+E) x <b>6 Sq.mm</b> circuit wires and modular type switch plate, switches, MS concealed back box as required and approved by the consultant. Metal Flexible conduit use it must be joined by gland and check nut at both ends. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.) (The item rate shall include Lighting / Raw / UPS Power Circuit wiring from relevant DB to the switch board with 3Rx6Sq.mm FRLS wires & from switch board to next switch board OR to the first light point / primary point / full point)	180	RFT		-
5	Primary light points including the cost of 5A switch (Note :- Light Points which are controlled by Occupancy / Movement / Dual Channel Sensors, the wiring shall be routed through the respective sensor as required - To check drawing for details)	105	Nos.		-
6	Supply and installation of 5 /15A plug point as primary point including switch socket independent mounted on wall / partition etc. (UPS / RAW Power)	25	Nos.		-
7	Supply & installation of 15A Plug Point directly taken from DB as a Primary Plug Point for Microwave / Oven / Gyser / Fridge, etc. including 2 x 4 Sq.mm <b>FRLS conductor</b> 1.1 KV grade circuit wires directly taken from the relevant DB and also including 2.5 sqmm green color copper earth wire all laid through MS conduit with all necessary hardware& accessories, etc. (UPS / Raw Power)	20	Nos.		-
8	Supplying and fixing :led downlighters - 22W Trimless LED, Reflector, Color – White, Driver – constant current of approved make selected by the ICAI Official / Incharge	35	Nos.		-
9	Supply & Installation of concealed 1.5 sq mm (green colour) Earthing wire at all required places .	180	RFT		-
<b>D.</b>	<b>METAL CEILING WORK</b>				
	Providing and fixing modular ceiling of approved make metal ceiling in 600 x 600mm grid. Make - AMF/ Chanakya which includes G.I. perimeter channels of size 0.55mm thick (having one flange of 20mm. And another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screw fixed to brick wall / partition with the help of nylon sleeves and screws at 610mm centres. Then suspending G.I. intermediate channels of size 45mm (0.9mm thick with 2 flanges of 15mm each) from the soffit at 1220mm centres with ceiling angle of width 25mm x 10mm x 0.55mm thick fixed to soffit with G.I. cleat and steel expansion fasteners as per design. The grid tiles of 8mm thick of size 600mm x 600mm will be placed above the grid frame work in level. Rates shall be inclusive of provision for gala cutouts for light cutouts, AC grills, speakers, etc. Measurement will be taken only on flat ceiling area.	900	SFT		-

Sr.	Description	Qty	Unit	Rate	Amount
<b>E.</b>	<b>CARPENTARY WORK</b>				
1	<b>PLY SUPPORTS IN FALSE CEILING:</b> Fabricating and fixing (600x600mm) - 19mm Thick, BWP Ply ( Code ISI 710 / 10701 ) supports to be fixed from main ceiling. Support & ply surface should be hidden behind the Gypsum ceiling. All ply and wood surfaces to be treated with anti-termite treatment as per is standards.	5	Nos.		-
2	<b>FRP DOOR FOR STAFF ENTRY DOOR (CIVIL OPENING- 1100X2100MM)</b> Providing and installing approved decorative high pressed laminate sheet of plain/wood grain in gloss/matt suede finish on specified doors as per design provided on an already laminated door surface. Flush door thickness-45mm with 2 hour fire resistant core. Adjustments to the door frame rebate to be made as per the finished door thickness. Hinges of the doors to be replaced by SS hinges. Door locks to be removed and reinstalled after completion of the work. All ply and wood surfaces to be treated with anti-termite treatment as per is standards including approved door closer of approved make in room.All doors make will be Century or equivalent brand.	6	Nos.		-
3	Providing and fixing Cabinet finish with 19mm Marine ply, make will be Century or equivalent brand. with marine fevicol (inside 1 mm white laminate) and outside 1.5 mm laminate , finished with all necessary hardwares and complete with all respect.	50	SFT		-
4	Providing fix glass with service window above service counter, finished with necessary hardwares and complete with all respect. Fixed glass should be 12 mm thk. Toughned glass (glass make modi or saintgobbin )	50	SFT		-
5	Providing and fixing Utility table 19mm Marine ply, make will be Century or equivalent brand.with marine fevicol (inside 1 mm white laminate) and outside 1.5 mm laminate , finished with all necessary hardwares and complete with all respect.	25	SFT		-
<b>F.</b>	<b>PAINTING WORK</b>				
	Providing and applying two coats of enamel paint of desired shade, of approved or equivalent make on internal wall / partition surfaces, wherever required at all heights to give an even and uniform shade, after thoroughly sand papering existing surfaces to remove dust, dirt etc. And repairing dents, cracks, holes with pop to achieve level surface and applied over a coat of primer and putty "Altek" or "wall care" or approved equivalent as per manufacturer specification fully to give a smooth and even surface including thoroughly brushing the surface free from water / mortar dropping and other foreign matter and sand papered smooth, complete per manufacturers specifications and as directed.	10000	SFT		-

Sr.	Description	Qty	Unit	Rate	Amount
<b>G.</b>	<b>MISCELLANEOUS</b>				
1	Lumpsum charges for arranging temporary power supply and lighting for all the contractor at site including the required number of tubelight fittings, sufficient number of plug points with plug tops, providing temporary supply arrangements for temporary workstations and including all the necessary safety devices like ELCB etc. to ensure SAFE & CONTINUED supply at site. Also removing of all type of existing electrical installations including light fittings, conduits, switch, socket, casing-capping, DB's MCB's, etc. complete as directed by the client / consultant at site & handing over to the client / Engineer Incharge at site. <b>(Item to be quoted as one JOB on lumpsum basis.)</b>		LS.		
2	Core cutting for RCC 150mm dia	6	No.		-
3	Providing and fixing new powder coating aluminium sliding window of 3 / 4 track with 4 mm bajri glass and PVC rubber gasket with handle section, interlock section etc. with proper necessary accessories as required complete, with approved colour shade	75	SFT		-
4	Food Crusher machine for managing Organic Wet Waste economically & effectively Convert Wet Organic Waste to Compost within 24 hrs, with Inbuilt Shredder. Dual Feed Inlets through Shredder as well as direct, PLC based Touch screen interface, Feed & Forget system, Auto Power Saving mode on process completion, Odorless process Compact Capacity: 50 kg, Power Supply: 3 Phase (Make ECOBOT - Fully Automatic Wet Waste Converter Systems) OR Excel Bioneer automatic waste converter machine	1	No.		-
5	Removing and refixing of smoke detector and should be in working condition	10	Nos.		-
6	Removing and refixing of sprinkler and should be in working condition	40	Nos.		-
7	Providing and fixing exhaust fans (12 inches SIRRACCO make or equivalent )	2	Nos.		-
8	Providing and fixing ceiling fans (42 inches Crompton, Orient make or equivalent )	2	Nos.		-
9	Providing and fixing 25 Ltr. Capacity Boiler (Racold make or equivalent )	2	No.		-
10	Providing and fixing stainless steel sink 24" x 22" (Nirali make or equivalent )	1	No.		-
<b>H.</b>	<b>KITCHEN EXHAUST SYSTEM</b>				
1	9000 CFM @ 100mm WG St. Pr. Centrifugal Blower would be used to exhaust fumes from the Kitchen.	1	No.		-
2	8000 CFM @ 65mm WG St. Pr. Centrifugal Blower would be used to supply Fresh Air into the Kitchen.	1	No.		-
3	Sets of Canvass Connection with Counter Flanges for Exhaust & Fresh Air Blower. 2 Sets	2	Sets		-

Sr.	Description	Qty	Unit	Rate	Amount
4	Sets of MS Stand with Anti Vibration Pads for Exhaust & Fresh Air Blower. 2 Nos.	2	Sets		-
5	Hoods Fabricated from 18g SS 202 Sheets with SS 304 Grease stop Filters & Lights a) 190" X 45" b) 90" X 33"	1	No.		-
6	Lot of Ducting fabricated from 20g/22g. G.I. Sheets complete with supports, Packing etc. 2200 sqft.	1	lot		-
7	Insulation of Ducting 100 sqft	1	Set		-
8	Set of Fresh Air-Intake filters with frame.	1	Set		-
9	set of Double Deflection G.I. Exhaust & Supply Air Grills with Volume Control Damper.	1	Set		-
	<b>Project Consultancy Services including all compliances &amp; Permissions</b>				
	<b>Total Gross Amount in Rs</b>				
	<b>GST</b>				
	<b>Total Net Amount in Rs</b>				

Firm Name:

Signature

Designation

Date

**Note:** Each page to be signed with date