

NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT, KARNATAKA REGIONAL OFFICE, BANGALORE



Supply, installation and commissioning of pre-fabricated (factory made) Modular Kitchen Units and other accessories in 8 Flats in NABARD Residential Quarters in Block MF 27 and MF28 at Nandini Layout, Plot 1, Bengaluru

**PRICE BID
(PART – II)**

Supply, installation and commissioning of pre-fabricated (factory made) Modular Kitchen Units and other accessories in 8 Flats in NABARD Residential Quarters in Block MF 27 and MF28 at Nandini Layout, Plot 1, Bengaluru

SCHEDULE OF QUANTITIES

SL NO	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
	Part A-Civil Works				
	DEMOLITION WORKS OF KITCHEN TILES,PLATFORM, FITTINGS: Remove the existing tiles in Flooring/dado with wall plasters and bed motars in kithen area ,Removal of existing kitchen platform, supports below wall and cabinets, Removing the existing window and ventilator shutters with frames ,Removing existing kitchen sink, fixtures etc and carting away all debris from the site etc,		Lumpsum		
1	REMOVING OF KITCHEN TILES, PLATFORM, FITTINGS: Remove the existing tiles in Flooring/dado with wall plasters and bed motars in kithen area ,Removal of existing kitchen platform, supports below wall and cabinets, Removing the existing window and ventilator shutters with frames ,Removing existing kitchen sink, fixtures etc and carting away all debris from the site etc,		Lumpsum		
2	Buyback cost of items- Buyback cost towards taking away the dismantled materials mentioned in above item nos 6 to 10. The rate against the item to be quoted in negative values.	1.00	Per flat		

	TILE WORKS/GRANITE WORKS: WALLS : Providing and laying high quality glazed Ceramic wall tiles (full height) of size 300mm X 450mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colors White,Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:3 (1 Cement: 3 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. as per instructions of architect/ bank's engg. Approved make: RAK/Nitco/Marbonite/Johnson/Kajaria/ approved equivalent. (basic price :50.00/sft after discount including GST)			0.00	
3	CERAMIC TILES DADOING IN KITCHEN WALLS : Providing and laying high quality glazed Ceramic wall tiles (full height) of size 300mm X 450mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colors White,Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:3 (1 Cement: 3 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. as per instructions of architect/ bank's engg. Approved make: RAK/Nitco/Marbonite/Johnson/Kajaria/ approved equivalent. (basic price :50.00/sft after discount including GST)	20.00	Sq. M		
4	Window/ventilator frames : Providing and fixing 18 mm thick, 10 inch wide one side mirror polished machine cut "jet black" colour granite slab for making frames for window/ventilators with bedding cement sand mortar 1:4 and neat cement and other fixing material as approved. The contractor will make bull nose moulding on the exposed edge with matching polishing to give high gloss finish, sealing the joints with epoxy resin based adhesive as directed. The contractor has to use granite stone of 6" width and 4" width in steps for framing with necessary overlapping.	1.50	Sqmt		
5	Supplying and fixing 25 mm thick unpolished cuddappa stone for horizontal support for granite kitchen platform and under count type sink including inserting edges of slab into the walls up to 40 mm, and firmly resting on vertical cudappa slab support and fill the joints with cement mortar 1:5 etc. complete as directed including cost of all materials, labour charges, curing etc. complete. The clear area of cuddapah member will be measured for payment.transportaion, labour charges, curing etc. complete as directed. The granite before procuring should be got approved by Bank's engineer.	3.00	Sqmt		

	The skirting/facia etc. will be measured in sq. m only. [Basic rate of granite @ Rs. 200/- per sq. ft after discount inclusive of GST at shop level]				
6	Providing and fixing 18 mm thick, one side polished "jet black" colour granite slab for kitchen platform/counter type wash basin with side facia and skirting above platform including making facing edge bull nose moulding/edge champhering with matching polishing to give high gloss finish etc. complete and sealing all joints with epoxy resin based adhesive as directed. In kitchen, the granite slab is to be fixed over cuddapah slab with cement mortar 1:4 with cement grout and other three edges of granite slab shall be embedded 20 mm into the wall. The finished portion of granite slab shall be taken for measurement in sq. m and no deduction shall be made for area of granite cut for sink. The rate quoted shall include cost of cutting hole for sink with opening edge rounding, cost of all materials, transportaion, labour charges, curing etc. complete as directed. The granite before procuring should be got approved by Bank's engineer. The skirting/facia etc. will be measured in sq. m only. [Basic rate of granite @ Rs. 200/- per sq. ft after discount inclusive of GST at shop level]stainer, drain drop connection to the floor trap, waste pipe, arrangement for water purifier(Aquaguard Tee) etc including cost of all materials, labour charges, curing etc. Complete.	6.00	Sqmt		
7	Supplying and fixing Kitchen Stain less steel sink with drain board (Nirali make regular range-Elegance Large Big Satin finish) having overall size 1145mm x 510mm(bowl size 560mm x 410 mm x241mm , in the kitchen platform as under counter type in the granite slab and cuddappa neatly accordingly to the size of sink, complete as directed. The item include waste coupling, stainer, drain drop connection to the floor trap, waste pipe, arrangement for water purifier(Aquaguard Tee) etc including cost of all materials, labour charges, curing etc. Complete./Modifloat or equivalent as approved.	1.00	Nos.		

8	<p>ALUMINIUM 3 TRACK WINDOWS- For windows: Providing and fixing 3 track Aluminium sliding window frame having 3 shutters ie 2 shutters of 5mm thick clear float glass and 1 shutter of SS fly mesh, of approved colour/shade anodised (AC 20 grade coating) over the granite frames (cost of granite frames to be paid separately).The 3 track system shall be 18 mm series, bottom track shall be 92 mm x 45.5 mm, weight 1.659 kg/m (Jindal 20617), top and side track 92 mm x 31.75 mm, weight 1.06 kg/m (Jindal 20831). The shutter shall be made of bottom 52 mm x 18 mm, weight 0.651kg/m(Jindal 20750), shutter handle section 40 mm x 18 mm, weight 0.547 kg/m (Jindal 20738), shutter interlock section 40 mm x 18 mm, weight 0.607 kg/m (Jindal 20737) with 5 mm thick clear float glass fixed with EPDM gasket, track wool pile, concealed metallic star lock, best quality ball bearing etc. complete with 20 mm micron anodised finish for aluminium members. The contractor has to anchor the aluminium frames of window to granite frame properly and ensure the proper drainage of rain water from tracks. Make - Aluminium Section : Jindal/Indal/Hindalco, Glass : Saint Gobain/Modifloat or equivalent as approved.</p>	2.00	Sq. M		
9	<p>RELAMINATION AND REPAIRS TO KITCHEN DOORS WITH FRAMES: Scrapping and removing the enamel paint applied on the door shutters and frames completely, carry out necessary repair/wood putty filling works and providing and fixing 1mm thick laminate of approved colour on both sides and edges of the door and frames and providing approved quality SS aldrop, handles, door stoppers, tower bolts, hinges etc. complete</p>	1.00	Nos		

10	Nos. (Job per window) : Removing existing window M.S grills and modifying the same with necessary welding/cutting and fixing the same outside the new sliding window by providing & fixing additional M.S flats of same or higher size on all the sides with necessary anchorage, fastenings etc. complete as directed. The work also includes making provision for an openable shutter in the grill for fixing of window air conditioner with necessary cutting/welding and by supplying and fixing handles and aldrop with locking arrangement. The modification is to be done by providing and welding additional M.S flat sections so that the grill is fixed approximately 6" away from the wall and 3" away from the opening of window to make a box type shape. The contractor has to quote for the overall work including material, labour, T&P etc. as required complete.	2.00	Jobs per window		
A	TOTAL QUOTEDAMOUNT FOR CIVIL WORKS IN RS.				
Sl. No	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
I	Part B. INTERNAL ELECTRIFICATION				
	Lights Points				
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in recessed PVC conduit, with Modular type switch, phenolic laminated sheet, suitable size GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. The work includes making grooves in wall, placing conduits and replastering after completion.				
1	One Light point controlled by one modular switch with removing existing old box switches and plates	1.00	No		
2	Exhaust fan point controlled by one switch.	1.00	No		

3	Supply and wiring for One 3 Pin 5A plug & socket controlled by one switch (Independent) with 2runs of 1.5sqmm Copper Wires and 1run of 1.5sqmm earth wire in 20mm dia heavy gauge PVC conduit including all accessories. The work includes making grooves in wall, placing conduits and replastering after completion.	2.00	No		
4	Supply and fixing of modular type 15/ 16A 6 pin socket with switch with front plate and anodized GI box including all fixing accessories. Approved (Make: Anchor Roma/ GM)	2.00	No		
5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface PVC conduit as required for 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire (For Lighting Circuit & UPS circuits) Approved make: Finolex/ Anchor. The work includes making grooves in wall, placing conduits and replastering after completion.	10.00	RMT		
6	Wiring for circuit/ submain wiring alongwith earth wire with 2 X 4 sq. mm + 1 X 4 sq. mm earth wire of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.(for Power & AC circuits) Approved make: Finolex/ Anchor. The work includes making grooves in wall, placing conduits and replastering after completion.	15.00	RMT		
B	Total Amount Quoted for Electrical Work				

	Part C- CARPENTRY WORK	Qty	Unit	Rate	Amount
1	<p>Supplying pre-fabricated / factory made modular kitchen units below existing kitchen platform/counter (approximately 750 mm in height and 600 mm in depth) as per the following specifications and enclosed drawings:</p> <ul style="list-style-type: none"> • The carcass of the cabinets (at 4 sides on each cabinet- One each on both sides of the Kadappa verticals, One over the tile at back wall and One at the top of the cabinets below the granite platform and also on the vertical face of Kadappa sandwiched vertical supports below the platform) including drawer fascia/ sides/bottom, shelves etc. shall be made out of BWP grade 16 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, Western India Plywood, AEON or approved equivalent make) & provided on all the exposed surfaces with 0.8mm thick laminate including 0.8mm thick PVC lipping at the edges. • Shutters shall be made out of 16-18 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, Western India Plywood, AEON or approved equivalent make). Each shutter shall be fixed to the framework using two numbers of best quality EURO type Slip/Auto Hinges (Ebco, Hettich, Hafele or approved equivalent make) and provided with one approved quality and profile brush finished Stainless Steel (SS) handle of grade 304 (minimum 150 mm long) • Each drawer fascia shall be made out of 16 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, Western India Plywood, AEON or approved equivalent make) and approved quality and make SS 304 grade baskets / accessories (Hettich, Ebco, Hafele or approved equivalent make) shall be mounted on approved quality, high precision telescopic channels/slides having minimum weight carrying capacity of 45 kg (Ebco, Hettich, Hafele or approved equivalent make) to be designed as per drawer size and to meet the weight requirement with minimum length of 500 mm to ensure smooth movements of drawer with /without content weights and provided with approved quality 150mm size SS handles of grade 304. The telescopic channel rails/hinges shall be of soft closure type. • In each kitchen there should be a minimum of 1 No. Perforated Cutlery baskets(4" size), 1 No. cup & saucer basket(6" size), 1 No. 'Thali' basket(8" size), 5 Nos. plain baskets(4" size- 1 No, 6" size- 1 No, 8"size- 3 Nos), 1 No. D tray set, 1 No. dust bin holder(Dia 250, Height 145) etc. The shutters shall be of 16-18 mm Marine plywood fascia/ sides/bottom as required as per the drawings given. All the stainless steel baskets shall be of maximum size which can be accommodated in the respective space available inside each cabinets for smooth functioning of railing. The Stainless Steel rods provided in the baskets shall be of combination of 5.5mm dia and 2.8mm dia rods. • All shelves shall be supported on approved quality Stainless Steel(SS) 	4.00	Sq. M		

	<p>pins and shall be adjustable for various height requirements.</p> <ul style="list-style-type: none"> • The unit shall be firmly fixed to the walls/slabs/floor using non-corrosive metal screws of appropriate size and rawl plugs. • All exposed surfaces and internal surfaces of the units shall have machine pressed lamination of approved shade having thickness 1mm and 0.8mm respectively of approved shade and make and pasted with synthetic resin based adhesive (Fevicol, Vamicol or approved equivalent) etc. • The thickness of four edge PVC lipping for shutters and drawer fascia shall be 2mm thick, thickness of edge lipping of carcass/ plywood partition should be 0.8mm. The lippings/banding shall match with the external laminate shade. • Payment shall be made on the basis of front elevation area of modular units only. It is clarified that sides, top and bottom surfaces will not be measured for payment. • The wooden frame for shutter shall be made of minimum 70 mm wide marine plywood with lamination, wherever required. The telescopic channel shall be fixed to the carcass of the cabinets / supported with 75 mm wide vertical and horizontal marine plywood members with laminate fixed on vertical Kadaph stone. If there is a need of erecting additional vertical marine plywood members with laminate on account of site conditions, the quoted rate shall have provision of carrying out these works. • All necessary hardwares, wooden members with required thickness for fixing telescopic channel rails and filling the gaps shall be included in the quoted rate. • The quoted rate shall include making of vertical partition below the existing kitchen slab with 16-18 mm thick marine plywood if necessary to accommodate modular kitchen units as per the requirement. 				
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2	<p>OVERHEAD CABINET IN KITCHEN: Supplying of pre-fabricated / factory made</p> <p>a) Over head kitchen cabinet units of appx 600 mm in high and 300 mm in depth</p> <ul style="list-style-type: none"> • The frame work or carcass of the cabinets, its sides/bottom, shelves etc. shall be made out of 16-18 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, Western India Plywood, AEON or approved equivalent make). • Glazed shutters of cabinets as per the drawing shall be made out of 16 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, WIP, AEON or approved equivalent make). Each shutter shall be fixed to the framework /carcass by using two numbers of best quality EURO type Slip/Auto Hinges (Ebco, Hettich, hafele or approved equivalent make) and provided with an approved quality and profile brush finished SS handle (minimum 150 mm long) of 304 grade. The glazed shutters shall have 5mm thick float glass fitted in 16 mm thick marine plywood frame around with necessary cleats, clips and magnetic catchers. There will be one glass shelf of 10 mm thick edge polished float glass for horizontal partition in each cabinet. • The thickness of four edge PVC lipping for shutters shall be 2mm thick, thickness of edge lipping of carcass/ plywood partition should be 0.8mm and thickness of four edge lipping around the rebate of glass shutter shall be 0.6mm. The lippings/banding shall match with the external laminate shade. • The back side of over head unit shall be covered and fitted to carcass with 4mm thick bakelite sheet by making proper grooves at joints and using non-corrossive screws. • All shelves shall be supported on approved quality SS pins and shall be adjustable for various height requirements. • The over head cabinet carcass shall be fitted to the wall with PVC capped 2mm thick concealed MS hanging brackets each having width of 15mm and depth of 50mm @ 2 brackets for each cabinet which is fixed on wall with necessary screws. • All exposed surfaces and internal surfaces of the units shall have machine pressed lamination having thickness 1mm and 0.8mm respectively of approved shade and pasted with synthetic resin based adhesive (Fevicol, Vamicol or approved equivalent) etc. • Measurement will be taken on the basis of front length and height of overhead cabinet units and wooden covering of electric chimney exhaust pipe. It is clarified that sides, top and bottom surfaces will not be measured for payment. • All necessary hardwares, wooden members filling the gaps shall be included in the quoted rate. 	1.50	Sq. M		
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3	<p>Supplying the wooden shutters for the existing loft in the kitchen with eight shutters; each with two auto hinges and one brush finished SS handle (minimum size 150 mm) and as per details below :</p> <ul style="list-style-type: none"> • Shutters as per the sketch shall be made out of 16 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, WIP,AEON or approved equivalent make). Each shutter shall be fixed to the existing wooden framework by using two numbers of best quality EURO type Slip/Auto Hinges (Ebco, Hettich, hafele or approved equivalent make) and provided with an approved quality and profile brush finished SS handle (minimum 150 mm long) of 304 grade. • The thickness of four edge PVC lipping for shutters and drawer fascia shall be 2mm thick with shade matching with the external laminate. • All exposed surfaces and internal surfaces of the units shall have machine pressed lamination having thickness 1mm and 0.8mm respectively of approved shade and make and pasted with synthetic resin based adhesive (Fevicol, Vamicol or approved equivalent) etc. • The wooden frame for shutter shall be made of minimum 70 mm wide & 17mm thick marine plywood with lamination, wherever required. • Measurement will be taken on the basis of front length and height of wooden shutters only. • All necessary hardwares, wooden members filling the gaps shall be included in the quoted rate. 	4.00	Sq. M		
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4	<p>Supply of tall pantry unit of approximately 2.1 m in height and 1.5 m in length</p> <p>The frame work or carcass of the cabinets, its sides/bottom, shelves etc. shall be made out of 16-18 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, Western India Plywood, AEON or approved equivalent make).</p> <ul style="list-style-type: none"> • Glazed shutters of cabinets as per the drawing shall be made out of 16 mm thick Marine plywood (Century plywood, Kit Gold, Greenply, WIP,AEON or approved equivalent make). Each shutter shall be fixed to the framework /carcass by using two numbers of best quality EURO type Slip/Auto Hinges (Ebco, Hettich, hafele or approved equivalent make) and provided with an approved quality and profile brush finished SS handle (minimum 150 mm long) of 304 grade. The glazed shutters shall have 5mm thick float glass fitted in 16 mm thick marine plywood frame around with necessary cleats, clips and magnetic catchers. There will be one glass shelf of 10 mm thick edge polished float glass for horizontal partition in each cabinet. • The thickness of four edge PVC lipping for shutters shall be 2mm thick, thickness of edge lipping of carcass/ plywood partition should be 0.8mm and thickness of four edge lipping around the rebate of glass shutter shall be 0.6mm. The lippings/banding shall match with the external laminate shade. • The back side of unit shall be covered and fitted to carcass with 4mm thick bakelite sheet by making proper grooves at joints and using non-corrossive screws. • All shelves shall be supported on approved quality SS pins and shall be adjustable for various height requirements. • The cabinet carcass shall be fitted to the wall with PVC capped 2mm thick concealed MS hanging brackets each having width of 15mm and depth of 50mm @ 2 brackets for each cabinet which is fixed on wall with necessary screws. • All exposed surfaces and internal surfaces of the units shall have machine pressed lamination having thickness 1mm and 0.8mm respectively of approved shade and pasted with synthetic resin based adhesive (Fevicol, Vamicol or approved equivalent) etc. • Measurement will be taken on the basis of front length and height of cabinet units. It is clarified that sides, top and bottom surfaces will not be measured for payment. • All necessary hardwares, wooden members filling the gaps shall be included in the quoted rate. 	3.5	Sq.mt		
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5	<p>Installation, testing, commissioning of all above kitchen modular units(Item Nos 1, 2, 3 & 4), side shutters along with all accessories, hardwares and fittings including additional / extra equipment and commissioning inclusive of all taxes, service tax.etc. complete.The additional details are as under :</p> <ul style="list-style-type: none"> • Necessary openings/cuttings shall be made on the frame work/granite boozing/tile cladding/Kadappah verticals to insert or accommodate or fix modular units and other accessories. • Core cutting of adequate dia shall be made on RCC/Brick masonry structures on the external wall for passing Chimney exhaust pipe to the outside and filling the gaps with neat white cement with matching color. • Minor gaps/grooves if any, shall be filled with white cement paste and matching shade of skirting or floor tiles. • The quoted rate shall include the labour charges for filling the gaps between modular unit and supporting vertical Kadappah slab with wooden members. • Mode of Measurement – The total work in one kitchen of a flat will be treated as one job. 	1.00	Job		
C	Total Amount Quoted for Carpentry Work				

Supply of pre-fabricated (factory made) Modular Kitchen cabinets and accessories

Item No.	Description of work	Amount in Rs.
	Grand Total(A+B+C) for 1 kitchen	
	Total amount for 8 kitchens	
	Total amount in words:-	

Note :

1. Rates should be quoted inclusive of all materials, labour charges, transportation costs, all prevailing taxes etc.
2. **The work should be carried out with least disturbance to the residents staying in the flats.**
3. The tenderers are advised to visit the site and see the existing kitchen platform provided in the flats in the colony.

4. **The bidders are requested to attend the Pre-bid meeting to be held at 11:00 AM on 04 May, 2022** to get all their doubts / queries related to this work clarified from us.

5. The contractor should clean the work area on daily basis and remove all the debris of work as and when instructed by Bank's Engineer.

6. The L-1 agency will be decided on the basis of total amount i.e. sum of part A ,part B and part C of price bid.

7. The contractor has to quote for all the items of the tender. Incomplete tenders will be rejected.

Accepted all terms & conditions of technical & price/financial bid

Place :

Date

(Signature of the Tenderer)

Address :

Name and Seal