

**National Bank of Agriculture and Rural Development,
Goa Regional Office, Panaji**



**Renovation work of 12 Apartments at
Milroc Ribandar Retreat, Ribandar, Goa**

**PRICE BID
(PART – II)**

Name of the Tenderer : -
Address : -

Pre – bid Meeting : 11:00 AM on **10 August 2017** at **Goa RO, Panaji**

Time & Date of submission of tender : Up to 14.00 hrs on **24 August 2017**

ESTIMATED VALUE OF WORK – Rs.65.00 LAKH

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT VARIOUS APARTMENTS	
Employer :NABARD GOA	
A:TOTAL PROJECT SUMMARY	
	Amount
Type 1	
Type 2	
Type 3	
TOTAL	

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 1 (90 SQM) Employer : NABARD GOA		
Summary of Works - TYPE 1 (90 SQM)		
SR. NO.	DESCRIPTION	AMOUNT (Rs)
1.0	CIVIL WORK	
2.0	INTERIOR WORK	
3.0	PLUMBING WORK	
4.0	ELECTRICAL WORK	
TOTAL OF WORKS		

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

**Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT
UNIT TYPE 1 (90 SQM)**

Employer :NABARD GOA

SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
				In Figures	
A	CIVIL WORKS				
1.00	Dismantlement of existing wall, wall tiles, toilet dado, toilet sunk, toilet flooring, kitchen platform with supports, kitchen dado, skirting, room flooring and additional civil work as per instructions of the Consultant & safely taking away from the site outside Milroc Ribandar Retreat colony premises, both serviceable & unserviceable materials which are obtained from the dismantlement of the civil work and carrying out the dismantlement in a manner as directed at site in whole or in parts as feasible as per the direction of Engineer etc. complete.	49.13	Cu M		
2.00	Dismantling and removing door hardware, plumbing & sanitary fittings including water supply, drainage & sewage pipes, clearing away the debris out of Milroc Ribandar Retreat colony premises and stacking the dismantled pipes and sanitary fittings for buy back	LUMPSUM			
3.00	Clean the sunken slab of toilet thoroughly with wire brush and remove the adhered plastering and dirt completely and wash the surface with water completely and leave the surface for drying. Providing waterproofing treatment consisting of one layer of acrylic polymer modified cementitious slurry in 1:2 proportion (1: polymer, 2: cement) by weight and followed by topping with mix of cement, acrylic based polymer and silica sand in 1 : 2 : 2 proportion including corner fillet of horizontal and vertical layers as per manufacturer's specifications and with 10 years guarantee. (Plan area to be measured) for toilet block will include coat upto 1m height from floor level as per terms & conditions.	32.68	Sqm		
4.00	Providing and laying reinforced cement concrete of grade M25 (mix design) with coarse sand and graded granitic or basaltic stone aggregate 20 mm nominal size as per mix design requirements excluding plastering and cost of				

	centering shuttering and reinforcement from Ground to Second Floor					
	i	Lintels (23cm x 15cm)	6.12	RM		
	ii	Loft Slab (12cm)	0.68	Cu M		
5.00	Half Brick masonry in cement mortar 1:4 (1 cement : 4 coarse sand) with RCC bedblock (100mmx100mm) at every 900mm height with 2no's 8dia on top & 2 no's 12 dia at bottom and 8mm dia rings at 300mm c/c reinforcement					
	i	With bricks of class designation 60 kg /sqcm : at all heights (Burnt bricks from Khanapur or equivalent).				
	a)	Store Wall	6.97	Sq.m.		
6.00	Plastering : Providing and applying plaster in CM 1:5 (1 cement : 5 sand) about 15 mm thickness on the newly constructed partition walls/old walls and as approved in patches including dismantling of the old damaged plaster, preparing the surface of new plaster, curing of new plaster, scaffolding, etc. complete as directed. The plaster has to be done in patches or stretches and to match the adjoining surfaces, sealing the crack in plaster with suitable crack seal as necessary [Area of cement plaster more than 0.10 Sq.m. at one stretch for repairs only will be considered for payment. Prior approval for plastering such areas should be taken from the Consultant and the area of plastering should be measured in the presence of Representative of NABARD. The rate should include cost of all materials, labour charge, curing, disposing off the debris, cleaning the area thoroughly etc complete as directed.		13.94	Sqm		
7.00	Providing and Fixing Skirting 100mm high of approved variety of premium quality polished vitrified tiles (of approx. Size 600 mm x 600 mm(upto 5% ± Variation in size), 10mm thick, in proper line and level with cement and sand motar of approved make in necessary thickness.The joints shall be filled with jointing compound of matching colour. The rate quoted should include for the cost of all materials, labour charges, curing, cleaning the surface to remove all the loose mortars / dust particles to receive new skirting, etc complete as directed by engineer. The basic price of vitrified tile- Rs.750 per sqm (upto 5% ±		272.80	RM		

	Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.				
8.00	Providing and Fixing of approved variety of premium quality polished vitrified tiles of approx. Size 600 mm x 600 mm, 10mm thick, in proper line and level with cement and sand motar in necessary thickness . The joints shall be filled with jointing compound of matching colour. The rate quoted should include for the cost of all materials, labour charges, curing, cleaning the surface to remove all the loose mortars / dust particles to receive new flooring etc complete as directed by the Engineer. . The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.	272.80	Sqm		
9.00	Providing and Fixing Approved make glazed ceramic tiles of size 300mm x 600mm or 300mm x 450mm(upto 5% ± Variation in size) as per selection by owner for wall dado in Toilet & Kitchen with cement grout after applying a layer of cement mortar 1:3 of 12-15mm thick mixed with water proofing compound and tile joints shall be filled with jointing compound of matching colour mixed with water proofing compound complete as directed including cost of all materials, labour charges, curing etc. Complete.The surface should be brought to proper level by plastering the areas as per requirement before tiling work and no separate payment will be made in this account. The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria	214.93	Sqm		
10.00	Providing and Fixing of approved make antiskid ceramic tiles of size 300mm x 300mm for flooring of toilet/bathrooms over a bed of 20mm thick cement mortar 1:4, mixed with water proofing compound. The tile joints shall be filled with jointing compound of matching colour mixed with water proofing compound complete as directed. The rate should include cost of all materials, labour charges, curing etc. Complete. The surface for tiling should be brought to proper level using cement mortar as per requirement before tiling work and no separate payment will be made on this account. The basic price of vitrified tile- Rs.450 per sqm (upto 5% ±	27.05	SQM		

	Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.				
11.00	Supplying and fixing 18mm thick, one side mirror polished machine cut "Jet Black" colour granite slab for kitchen platform / for making frames for doors/ventilators including making facing the edge bull nose moulding with matching polishing to give high gloss finish etc complete and sealing all the joints with epoxy resin based adhesive including cleaning, etc complete as directed. In kitchen, the granite slab is to be fixed over Marine Plywood cage in width 650mm with 2 sides and rear edge of the granite slab shall be embedded 40mm into the wall. No deduction will be made for area of granite cut for sink including cost for cutting hole for fixing sink, cost of all materials, labour charges, curing etc. Complete.	17.24	RM		
12.00	Birla White Wall Care Putty: Providing and applying 2 or more coats of Birla Putty SF & MF suitably on the walls/ceiling on the cleaned surface as per manufacturer specifications complete as directed. The plastered surface after scrapping and patch plastering may be brought to level by applying one coat of Birla putty MF to required thickness (not more than 3mm thickness). Then make the surface extremely smooth with one or two coats of Birla Putty SF to required thickness (not more than 1.5mm thick). The unevenness on the surface may be removed by gently levelling the surface with very fine water proof emery paper, not less than 500 number, to get a glossy white surface. The surface should be brought to proper line and level to such an extent that no undulations could be visible and all the edges and corners should be finished very sharp to look like a narrow hair line. The work includes cost of all materials, labour charge, scaffolding charges etc. Complete.	13.94	Sq.m.		

13.00	Acrylic Paint - Interior Emulsion - For officer quarters : Providing and applying two or more coats of good quality acrylic emulsion washable paint like Premium Emulsion of Asian Paint and Beauty Gold washable emulsion of Nerolac, of approved manufacturer and shade as per specifications on interior surfaces of walls, ceilings etc including cleaning the area thoroughly to remove even small patches or marks of old/new paint using suitable cleaning materials etc.after cleaning the area, putty repair and sanding with emery paper, primer touch up & finishing with Premium acrylic emulsion paint of Asian paints or equivalent complete as directed by consultant and disposing off the debris. Additional payment for Putty shall be made only if Putty Repair is more than 0.1 sqm in any patch taken up for repair	1058.82	sqm		
14.00	Providing & applying Two or more coats of Good Quality Synthetic Enamel Paint of Asian Paints or Equivalent make and Shade as per directions of Consultant on Window Grills including cleaning the surface of dirt or loose particles ,sanding with emery paper , applying 1 coat of Red oxide primer and 2 coats of Synthetic Enamel paint and making good surrounding surfaces after completion of work	46.00	sqm		
15.00	Anti-Termite Treatment along with ant and cockroach treatment for all areas & Woodwork	360.00	sqm		
	TOTAL AMOUNT OF CVIL WORK				

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 1 (90 SQM)**Employer :NABARD GOA**

SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
				In Figures	
B	INTERIOR WORKS				
1.00	Polishing: Providing and applying polish on wood work, doors, pelmets, etc. With two or more coats of French spirit polish of approved tint to obtain smooth and glossy finish as per manufacturer specifications. The surfaces should be prepared by removing the dirt and dust completely from the surface by sanding with emery paper 180 followed by smooth sanding with emery paper 320 or 400 and the cracks on the surface should be filled with suitable crack seal to make the surface extremely smooth before the application of polish etc. complete as directed.				
	a Door	50.40	SQM		
	b Frames	45.60	RM		
2.00	Providing and fixing First quality 4mm thk Veneer (Basic Price Rs. 120.sqft) over 4mm thk Ply (Basic Price Rs.45/sqft of Greenply or equivalent make, in approved design & shade with suitable adhesive on Existing maindoors on both sides of the shutter as per design. The surfaces of shutter & door frame shall be prepared by removing dust completely from the surface by sanding with emery paper. Ply /veneer is to be fixed with suitable adhesive(Fevicol SH or equivalent) and finished with French polish (Rate for Applying French polish not to be considered in this item)				
	a Main Door	16.80	SQM		
3.00	Providing and fixing First quality 1mm thk Laminate sheet of size 8'x4' of Basic Price Rs.1300/sheet of Approved make, design & shade on Existing flush doors on both sides of the shutter as per size and Door Frame shall be finished in 1 coat Synthetic enamel Primer & 2 Coats synthetic enamel paint of approved make & shade. The surfaces of shutter & door frame shall be prepared by removing dust completely from the surface by sanding with emery paper and filling of cracks with crackseal. Laminate to be fixed with suitable adhesive (Fevicol SH or equivalent)				
	a 1mm thick laminate cladding (size 8' x 4')	24.00	sheets		
	b synthetic enamel paint	62.40	RM		

4.00	Providing and fixing Heavy duty Brass hardware to existing doors of Approved make, design and finish.					
	a	Hinges 40mmx100mm x 2 mm thk of approved design and Antique finish or equivalent.	136.00	No's		
	b	Tower bolt of length 8" of approved make & design & having Antique Finish or equivalent.	28.00	No's		
	c	180 degree Hinges 30mmx100mm x 1 mm thk of approved design and Antique finish or equivalent.	24.00	No's		
	d	Chain Latch of approved make & design & having Antique Finish or equivalent.	4.00	No's		
	e	Mortice Handle with lock pf approved make & design & having Antique finish or equivalent and Keyhole - outside & Turn Knob- Inside	12.00	No's		
	f	Cylindrical lock of approved make & design & having Antique finish brass and Keyhole - outside & Turn Knob- Inside	12.00	No's		
	g	Aldrop (10") of approved make & design and having Antique finish or equivalent	4.00	No's		
	i	Handle (8") of approved make & design and having Antique finish or equivalent	16.00	No's		
	l	Peep hole pf approved make & design having Antique finish or equivalent	4.00	No's		
	k	door stopper	32.00	No's		
	l	door magnet	20.00	No's		
	m	door buffer	4.00	No's		
	n	Aluminium Handle (125 mm)	32.00	No's		
	o	SS Hinge (75mmx20mm)	64.00	NO's		
	p	Aluminium Tower Bolt (4 ")	32.00	No's		
5.00	Providing and fixing 30mm thick Moulded Panel doors with PVC sheets factory pressed on both sides in wood textured finish of KALPATARU or equivalent make for bathrooms/toilets. The doors should be fitted keeping proper alignment with 3 numbers of 100mm x 40mm brass hinges. The rate should include for fixing of new hardware fixtures such as aldrop, handle, tower bolt, cost of all materials for fixing, labour etc complete as directed by the Consultant.		8.00	No's		

6.00	<p>Providing, supplying and installing Cabinet over loft with shutters & frame as per drawing provided by consultant and as per the following specifications. The frame work or carcass of the cabinet's drawer fascia/sides/bottom/shelves etc. shall be made out of 19mm thk Commercial Blockboard of approved make(Kit Gold, Greenply, WIP or equivalent) with 6mm x20mm TW edge beading.</p> <p>c) The shutters shall be made out of 19mm thick Blockboard of approved make (Kit Gold, Greenply, WIP or equivalent). Each shutter shall be fixed to the frame work/carcass using 2 numbers of best quality EURO type slip hinges(Ebco, Hetich or approved equivalent make) and provided with an approved quality and profile brush finished SS handle(minimum 75mm long).</p> <p>d) The unit shall be firmly fixed to the walls using SS screws of appropriate size and rawl plugs. e) The shelves shall be supported on approved quality SS pins. f) All exposed surfaces and internal surfaces of the units and drawer fascia shall be provided with laminate cladding having thickness 1mm and 0.8mm respectively with approved colour and factory machine pressed pasting using approved quality and make synthetic resin based adhesive (Fevicol, Vamicol or approved equivalent) etc.</p> <p>g) The edges of the plywood shall be provided with suitable best quality lippings. h) Measurement will be taken on the basis of sqm of cabinet front facade basis.</p>	14.66	SQM		
7.00	<p>Fabricating, supplying and installing Under counter Kitchen units of Sleek or Equivalent make 870mm high and 600mm depth as per design supplied by consultant.of the cabinet .The base units shall have Top, Bottom, Sides & Shutters shall be in 18mm thk Marine Ply with Post Formed Laminate and Egde banding, Shutters to be fixed to carcass with Hinges with soft closing mechanism in Stainless steel of Hettich or equivalent make, Drawer units to be fixed to carcass with Stainless steel Telescopic Drawer Slides of 35kg with soft closing mechanism in Hettich or equivalent make. Following Baskets in SS 304 grade of Local make must be present in the kitchen unit SINK BASE (650MM WIDE): SS BIN HOLDER, SS DET HOLDERBASE CABINET (700MM WIDE) : SS SINGLE PULLOUT RIGHT BLIND CORNER BASE (1100MM WIDE: SS CYLIN TR. BASEUNIT 1 DRAWER (200MM WIDE): SS SINGLE PULLOUT BASEUNIT 3 DRAWER (600MM WIDE) SS PERF CUTLERY 100MM HT,</p>	4.00	Lumpsum		

	SS PLAIN BASKET 100MM HT & 200MM HT, BASE UNIT 1 DRAWER 300MM WIDE : SS SINGLE PULLOUT, BASE UNIT 2 DRAWER 550MM WIDE: 2 NO'S SS PLAIN BASKET 200MM HT Including Handles cost upto Rs. 150/piece to be included in price and shall be as per Consultant's selection.				
8.00	Supply & installation of sidehung openable Bare Aluminium aluminium windows (including frame, shutter & accessories) having 20 series section & frames of Hindalco or equivalent and minimum 1.20mm section thickness (18 gauge), Glass 5mm thk 1-way of Saint Gobain or equivalent, z- hinges on top and bottom of each shutter in stainless steel of Ebco make or equivalent, New Handle Lock with Locking arrangement of Ebco or equivalent, air gaps to be sealed with silicon sealant, EPDM gaskets, including all accessories and fastenings etc. complete.	26.34			
9.00	Providing & Fixing Heavy duty Curtain Rod 25mm dia of SS (314 grade) with End & Center brackets as necessary in 18 gauge SS 314 grade above window lintel for the purpose of hanging Eyelet Curtains				
	a Bracket Sets	24.00	NO's		
	b SS Rod 25mm dia	32.80	RM		
10.00	Providing & Fixing PVC Grid Jali min 2mm thk having 25mm x 25mm on inner side of balcony railing upto full ht & length of railing with necessary SS (316 grade) Screws & Hardware complete.	22.44	SQM		
11.00	Wall Mounting Retractable Type 5 Rows Clothes Lines for drying clothes	4.00	NO's		
	TOTAL AMOUNT OF INTERIOR WORK				

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 1 (90 SQM)						
Employer :NABARD GOA						
SR. NO.	ITEM OF WORK		ESTIMATED QUANTITY	UNIT	RATE (Rs.)	Amount (Rs.)
					In Figures	
C	PLUMBING WORKS					
a	WATER SUPPLY					
	1.00	INTERNAL WATER SUPPLY				
		Providing and fixing tested Astral CPVC Astm D2846				
		SDR 11 UPTO2" and beyond 2" as per Astm Sch.40				
		F 441 pipes including necessary specials, etc.				
		complete as directed, including hydraulic				
		testing at 10.54Kg pressure				
		(Internal work)				
	i	15 mm nominal bore	60.00	RM		
	ii.	20 mm nominal bore	46.00	RM		
	2.00	Fixing concealed C.P. stop cock with CP wall flange of Jaquar (Continental) or equivalent approved make including all cost of labour material handling etc. and testing.	8.00	Nos.		
b	INTERNAL DRAINAGE WORK					
	1.00	Providing and fixing 40mm dia PVC Pipe for Wash Basin drainage of approved make including bend, TEE, junction, junction with access door, 'Y' Junction, battens, brackets, supports with fasteners, as required lubricant etc. complete (single / double) socketed, as specified.	15.60	RM		
	2.00	Providing and fixing rigid PVC S.W.R. (soil, waste & rain water drainage pipes of approved make including bend, TEE, junction, junction with access door, 'Y' Junction, battens, brackets, supports with fasteners, as required lubricant etc. complete (single / double) socketed, as specified :				
	i.	75 mm dia. SWR PVC PIPE	38.80	RM		
	ii.	110 mm dia.	25.60	RM		
	3.00	Providing and fixing PVC Nahani Trap with cockroach protection and PVC jali 100mm dia, complete including cost of cutting and making good the floor	16.00	NO's		
c	SANITARY FITTINGS					
	1.00	Providing & fixing Ceramic European type Floor Mounted water closet of approved Make Design & Colour with PVC Cistern of Capacity 10 lts , heavy duty seat and lid with with brackets and mosquito proof coupling of approved municipal design complete, including cutting and making good the walls and floors where required, as specified. Brand JAQUAR : LYS-WHT-38851S				
	i.	W.C.	8.00	Nos.		

2.00	Providing & Fixing Ceramic Wash basin full set of size not less than 16"x 21" of Approved make, design & colour including CP bottle trap, CP brass waste coupling, Rag Bolts complete including cutting and making good the walls wherever required. With joints filled with White Cement. Jaguar ARS-WHT-39801				
	i. Flat back wash basin with pedestal	12.00	Nos.		
3.00	Providing & Fixing S.S. Kitchen Sink with bowl size 450 x 375 with 190 mm depth including making connection of outlet etc. complete as specified. Franke				
	i. S.S. sink with drain broad	4.00	Nos.		
4.00	Providing & Fixing Jaguar continental or equivalent make Pillar cock including cost of all materials, labour charges etc. complete. Jaguar OPP-CHR-15001PM	8.00	Nos.		
5.00	Providing & Fixing of Jaguar continental or equivalent make 2 way bibcock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15041PM	8.00	Nos.		
6.00	Providing & Fixing Jaquar continental or equivalent make Angle cock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15053PM	40.00	Nos.		
7.00	Providing & Fixing Jaquar continental or equivalent make health faucet complete set with 1 m long PVC pipe including cost of all materials, labour charges etc complete. Jaguar ALD-CHR-573	8.00	Nos.		
8.00	Providing and fixing Shower assembly with C.P. pressure adjustable Shower Rose, C P Shower Arm, C P Spout, C P Single Lever divertor, C P Wall flange etc complete as directed (Jaguar or equivalent approved make). Jaguar SHA-CHR-479L300	8.00	Nos.		
9.00	Providing & Fixing of Jaguar continental or equivalent make Kitchen Faucet with Swivel arm of jaguar (Continental) or equivalent make including cost of all materials , labour charges etc complete. Jaguar FLR-CHR-5357N	4.00	No's		
10.00	Providing & Fixing 600 x 120 mm glass shelf with C.P. brass brackets and guard rail complete fixed to wooden cleats with C.P. brass screws, as specified. Jaguar ACN-CHR-1171N	8.00	Nos.		
11.00	Providing & Fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden cleats with C.P. brass screws, as specified. Jaguar AQN-CHR-7711				
	i. 600 x 20 mm size	8.00	Nos.		
12.00	Providing & Fixing toilet paper holder as specified. :Jaguar AQN-CHR-7751				
	i. C.P. Toilet roll Holder	8.00	Nos.		
13.00	Providing & Fixing of CP round towel ring of approved makewith necessary anti corrossive screws etc. Complete. Jaquar AQN-CHR-7721	8.00	Nos.		

14.00	Providing & Fixing SS or CP Robe hook with minimum 2 hooks of Jaguar make with necessary anti-corrosive screws etc. Complete. Jaguar AQN-CHR-7761	8.00	Nos.		
15.00	Providing & Fixing 8 mm thick, 9" x 9" size, Corner glass shelf with CP railing including heavy CP clamps and anti-corrosive screws etc. complete. Jaguar ACN-CHR-1173	8.00	Nos.		
16.00	Providing & Fixing 450mm x 600mm size, wall mirror with inbuilt storage with mirror 4mm thick of Saint Gobain/Modi guard and storage of PVC / Fibre in heavy duty material with shutter / magnet/ handles complete.	8.00	Nos.		
TOTAL AMOUNT OF PLUMBING WORK					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 1 (90 SQM)					
Employer :NABARD GOA					
SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
				In Figures	
D	ELECTRICAL WORKS				
A	Supply, Installation Testing & commissioning of point wiring using 1.5sqmm x 2 + 1.5sqmm copper multi-strand wire for Phase & neutral in 20mm pvc conduit with, concealed boxes with 10A Anchor Roma accessories & required accessories. Upto 6m length				
A1	LIGHT POINT	76	Nos.		
A2	TWO WAY LIGHT POINT	4	Nos.		
A3	FAN POINT	20	Nos.		
A4	TWO WAY FAN POINT	12	Nos.		
A5	EXHUAST FAN POINT	12	Nos.		
A6	BELL POINT	4	Nos.		
A7	10A PLUG POINT ON BOARD (HALF POINT)	20	Nos.		
A8	10A PLUG POINT INDEPENDENT	40	Nos.		
A9	Fixing of 10L CAPACITY STORAGE WATER GEYSER (VERTICAL TYPE) OF RACOLD WITH SUPPORT	8	Nos.		
A10	Fixing of 1200MM DIA CEILING FAN OF HAVELLS MAKE WITH CAPPING, ROD, BRACKETS & BOLTS COMPLETE	20	Nos.		
A11	Fixing of WATER PURIFIER WITH ACTIVATED CARBON & UV/UF FILTER OF AQUAGUARD MAKE	4	Nos.		
B	Supply, Installation, Testing & commissioning of point wiring using 2X4sqmm + 1X2.5sqmm copper multi-strand wire for Phase & neutral & earthing in 20mm pvc conduit with, concealed box with 20A Anchor Roma switch & socket plate & required accessories. For AC point consider MCB in lieu of Switch				
B1	20A POWER POINT INDEPENDENT	12	Nos.		
B2	AC POINT (With MCB instead of Switch)	12	Nos.		
B3	GYSER POINT	8	Nos.		
C	Supply ,Installation, Testing & commissioning of circuit wiring using 2.5sqmm x 2 + 1.5sqmm x 1 copper multi-strand wire for Phase & neutral & earthing in 20mm pvc conduit & required accessories.				
C1	2.5sqmm x 2 + 1.5sqmm x 1 CIRCUIT WIRING	648	mtr		
C2	4sqmm x 2 + 1.5sqmm x 1 CIRCUIT WIRING	360	mtr		
D	Supply ,Installation, Testing & commissioning of Main Circuit wiring using 6sqmm x 4 + 4sqmm x 1 copper multi-strand wire for 3Phase & neutral & earthing in 25mm pvc conduit & required accessories. From meter room to DB				
D1	6sqmm x 4 + 2.5sqmm x 1c MAIN CIRCUIT	60	mtr		

E	Supply, Installation Testing & commissioning of T.V. & Telephone point wiring using RG-6 or 3pair telephone wire in 20mm pvc conduit with, concealed boxes with Anchor Dyna switch plate & required accessories.				
E1	T.V. POINT	12	Nos.		
E2	TELEPHONE POINT	8	Nos.		
G	Supply, Installation Testing & commissioning PLATE TYPE EARTHING using 600 X 600 X 6MM GI Plate Duly erected as PER IS3043 with required Material & accessories.				
G1	EARTHING PIT	NA	nos		
G2	8SWG GI EARTH WIRE FORM DB to SHAFT	60	KGS		
G3	25MM X 3MM GI EARTHING STRIP	NA	KGS		
H	Installation, Testing & commissioning of ENERGY METER with required accessories, Lead from Main Isolating Switch, cut out & Meter				
1	3 PHASE ENERGY METER	4	nos		
I	Installation, Testing & commissioning of DB with required accessories.	4	nos		
	12 WAY ETPN DB as required, (Lighting & Power DB)				
	1 No. Double door ETPN DB enclosure IP-43 with PPI Kit.				
	Incommer-				
	1 No.63A 4P MCB with 3 nos. 40 A DP, 30 mA RCCB				
	Outgoings-				
	30 Nos. 10/16/25A SP MCB, C Curve.				
	Necessary blank plates (if require), interconnection and accessories.				
	TOTAL AMOUNT OF ELECTRICAL WORK				
MATERIAL:- PVC CONDUIT:- PRECISION AND ACCESSORIES , CONCEAL BOXES :- ANCHOR OR LEGRAND ,					
SWITCHES & ACCESSORIES :- ANCHOR VOILA OR LEGRAND ARTEOR , WIRES :- ANCHOR , RR CABLES,					
OR FINOLEX ,CABLES :- POLYCAB , RAJ CAB or RAJANIGANDHA ,MCB DB :- MOOLER , LEGRAND or SCHNIDER ,					
MAIN SWITCH, BUSBAR :- KEW , HPL SOCHOMAC , SCHNIDER , CABLE TRY :- GI ,					
EARTHING :- CHEMICAL OR TRADITIONAL					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 2 (60 SQM)		
Employer :NABARD GOA		
Summary of Works - TYPE 2 (60 SQM)		
SR. NO.	DESCRIPTION	AMOUNT (Rs)
1.0	CIVIL WORK	
2.0	INTERIOR WORK	
3.0	PLUMBING WORK	
4.0	ELECTRICAL WORK	
TOTAL OF WORKS		

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 2 (60 SQM)**Employer : NABARD GOA**

SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
				In Figures	
A	CIVIL WORKS				
1.00	Dismantlement of existing wall, toilet dado, toilet sunk, toilet flooring, kitchen platform with supports, kitchen dado, skirting, room flooring and additional civil material as per instructions of the Consultant & safely taking away from the site outside Milroc Ribandar Retreat colony premises, both serviceable & unserviceable materials which are obtained from the dismantlement of the civil work and carrying out the dismantlement in a manner as directed at site in whole or in parts as feasible as per the direction of Engineer etc. complete.	30.82	Cu M		
2.00	Dismantling and removing door hardware, plumbing & sanitary fittings including water supply, drainage & sewage pipes, clearing away the debris out of Milroc Ribandar Retreat colony premises and stacking the dismantled pipes and sanitary fittings for buy back	LUMPSUM			
3.00	Clean the sunken slab of toilet thoroughly with wire brush and remove the adhered plastering and dirt completely and wash the surface with water completely and leave the surface for drying. Providing waterproofing treatment consisting of one layer of acrylic polymer modified cementitious slurry in 1:2 proportion (1: polymer, 2: cement) by weight and followed by topping with mix of cement, acrylic based polymer and silica sand in 1 : 2 : 2 proportion including corner fillet of horizontal and vertical layers as per manufacturer's specifications and with 10 years guarantee. (Plan area to be measured) for toilet block will include coat upto 1m height from floor level as per terms & conditions.	15.91	Sqm		
4.00	Providing and laying reinforced cement concrete of grade M25 (mix design) with coarse sand and graded granitic or basaltic stone aggregate 20				

	mm nominal size as per mix design requirements excluding plastering and cost of centering shuttering and reinforcement from Ground to Second Floor				
	ii Loft Slab (12cm)	0.62	RM		
5.00	Plastering : Providing and applying plaster in CM 1:5 (1 cement : 5 sand) about 15 mm thickness on the newly constructed partition walls/old walls and as approved in patches including dismantling of the old damaged plaster, preparing the surface of new plaster, curing of new plaster, scaffolding, etc. complete as directed. The plaster has to be done in patches or stretches and to match the adjoining surfaces, sealing the crack in plaster with suitable crack seal as necessary [Area of cement plaster more than 0.10 Sq.m. at one stretch for repairs only will be considered for payment. Prior approval for plastering such areas should be taken from the Consultant and the area of plastering should be measured in the presence of Representative of NABARD. The rate should include cost of all materials, labour charge, curing, disposing off the debris, cleaning the area thoroughly etc complete as directed.	15.00	Sqm		
6.00	Providing and Fixing Skirting 100mm high of approved variety of premium quality polished vitrified tiles (of approx. Size 600 mm x 600 mm (upto 5% ± Variation in size), 10mm thick, in proper line and level with cement and sand motar of approved make in necessary thickness. The joints shall be filled with jointing compound of matching colour. The rate quoted should include for the cost of all materials, labour charges, curing, cleaning the surface to remove all the loose mortars / dust particles to receive new skirting, etc complete as directed by engineer. The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.	154.50	RM		

7.00	<p>Providing and Fixing of approved variety of premium quality polished vitrified tiles of approx. Size 600 mm x 600 mm, 10mm thick, in proper line and level with cement and sand motar in necessary thickness . The joints shall be filled with jointing compound of matching colour. The rate quoted should include for the cost of all materials, labour charges, curing, cleaning the surface to remove all the loose mortars / dust particles to receive new flooring etc complete as directed by the Engineer. . The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.</p>	154.50	Sqm		
8.00	<p>Providing and Fixing Approved make glazed ceramic tiles of size 300mm x 600mm or 300mm x 450mm(upto 5% ± Variation in size) as per selection by owner for wall dado in Toilet & Kitchen with cement grout after applying a layer of cement mortar 1:3 of 12-15mm thick mixed with water proofing compound and tile joints shall be filled with jointing compound of matching colour mixed with water proofing compound complete as directed including cost of all materials, labour charges, curing etc. Complete. The surface should be brought to proper level by plastering the areas as per requirement before tiling work and no separate payment will be made in this account. The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria</p>	104.46	Sqm		
9.00	<p>Providing and Fixing of approved make antiskid ceramic tiles of size 300mm x 300mm for flooring of toilet/bathrooms over a bed of 20mm thick cement mortar 1:4, mixed with water proofing compound. The tile joints shall be filled with jointing compound of matching colour mixed with water proofing compound complete as directed. The rate should include cost of all materials, labour charges, curing etc. Complete. The surface for tiling should be brought to proper level using cement mortar as per requirement before tiling work and no separate payment will be</p>	12.00	SQM		

	made in this account. The basic price of vitrified tile- Rs.450 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.				
10.00	Supplying and fixing 18mm thick, one side mirror polished machine cut “Jet Black” colour granite slab for kitchen platform / for making frames for doors/ventilators including making facing the edge bull nose moulding with matching polishing to give high gloss finish etc complete and sealing all the joints with epoxy resin based adhesive including cleaning, etc complete as directed. In kitchen, the granite slab is to be fixed over Marine Plywood cage in width 650mm with 2 sides and rear edge of the granite slab shall be embedded 40mm into the wall. No deduction will be made for area of granite cut for sink including cost for cutting hole for fixing sink, cost of all materials, labour charges, curing etc. Complete.	12.30	RM		
11.00	Birla White Wall Care Putty: Providing and applying 2 or more coats of Birla Putty SF & MF suitably on the walls/ceiling on the cleaned surface as per manufacturer specifications complete as directed. The plastered surface after scrapping and patch plastering may be brought to level by applying one coat of Birla putty MF to required thickness (not more than 3mm thickness). Then make the surface extremely smooth with one or two coats of Birla Putty SF to required thickness (not more than 1.5mm thick). The unevenness on the surface may be removed by gently levelling the surface with very fine water proof emery paper, not less than 500 number, to get a glossy white surface. The surface should be brought to proper line and level to such an extent that no undulations could be visible and all the edges and corners should be finished very sharp to look like a narrow hair line. The work includes cost of all materials, labour charge, scaffolding charges etc. Complete.	15.00	Sq.m.		

12.00	Acrylic Paint - Interior Emulsion - For officer quarters : Providing and applying two or more coats of good quality acrylic emulsion washable paint like Premium Emulsion of Asian Paint and Beauty Gold washable emulsion of Nerolac, of approved manufacturer and shade as per specifications on interior surfaces of walls, ceilings etc including cleaning the area thoroughly to remove even small patches or marks of old/new paint using suitable cleaning materials etc. after cleaning the area, putty repair and sanding with emery paper, primer touch up & finishing with Premium acrylic emulsion paint of Asian paints or equivalent complete as directed by consultant and disposing off the debris. Additional payment for Putty shall be made only if Putty Repair is more than 0.1 sq m in any patch taken up for repair	612.14	sqm		
13.00	Providing & applying Two or more coats of Good Quality Synthetic Enamel Paint of Asian Paints or Equivalent make and Shade as per directions of Consultant on Window Grills including cleaning the surface of dirt or loose particles ,sanding with emery paper , applying 1 coat of Red oxide primer and 2 coats of Synthetic Enamel paint and making good surrounding surfaces after completion of work	36.00	sqm		
14.00	AntiTermite Treatment along with ant and cockroach treatment for all areas & Woodwork	180.00	sqm		
	TOTAL AMOUNT OF CIVIL WORK				

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 2 (60 SQM)						
Employer :NABARD GOA						
SR. NO.	ITEM OF WORK		ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
					In Figures	
B	INTERIOR WORKS					
1.00	Polishing: Providing and applying polish on wood work, doors, pelmets, etc. with two or more coats of French spirit polish of approved tint to obtain smooth and glossy finish as per manufacturer specifications. The surfaces should be prepared by removing the dirt and dust completely from the surface by sanding with emery paper 180 followed by smooth sanding with emery paper 320 or 400 and the cracks on the surface should be filled with suitable crack seal to make the surface extremely smooth before the application of polish etc. complete as directed.					
	a	Door	50.40	SQM		
	b	Frames	45.60	RM		
2.00	Providing and fixing First quality 4mm thick Veneer (Basic Price Rs. 120.sqft) over 4mm thick Ply (Basic Price Rs.45/sqft of Greenply or equivalent make, in approved design & shade with suitable adhesive on Existing maindoors on both sides of the shutter as per design. The surfaces of shutter & door frame shall be prepared by removing dust completely from the surface by sanding with emery paper. Ply /veneer is to be fixed with suitable adhesive (Fevicol SH or equivalent) and finished with French polish (Rate for Applying French polish not to be considered in this item)					
	a	Main Door	16.80	SQM		
3.00	Providing and fixing First quality 1mm thick Laminate sheet of size 8'x4' of Basic Price Rs.1300/sheet of Approved make, design & shade on Existing flush doors on both sides of the shutter as per size. and Door Frame shall be finished in 1 coat Synthetic enamel Primer & 2 Coats synthetic enamel paint of approved make & shade. The surfaces of shutter & door frame shall be prepared by removing dust completely from the surface by sanding with emery paper and filling of cracks with crackseal. Laminate to be fixed with suitable adhesive (Fevicol SH)					
	a	1mm thick laminate cladding (size 8' x 4')	16.00	sheets		
	b	synthetic enamel paint	41.60	RM		
4.00	Providing and fixing Heavy duty Brass hardware to existing doors of Approved make, design and finish.					
	a	Hinges 40mmx100mm x 2 mm thick of approved design and Antique finish.	88.00	No's		
	b	Tower bolt of length 8" of approved make & design & having Antique Finish.	24.00	No's		

	c	180 degree Hinges 30mmx100mm x 1 mm thick of approved design and Antique finish.	24.00	No's		
	d	Chain Latch of approved make & design & having Antique Finish or equivalent.	4.00	No's		
	e	Mortice Handle with lock pf approved make & design & having Antique finish and Keyhole - outside & Turn Knob- Inside	8.00	No's		
	f	Cylindrical lock of approved make & design & having Antique finish brass and Keyhole - outside & Turn Knob- Inside	4.00	No's		
	g	Aldrop (10") of approved make & design and having Antique finish	4.00	No's		
	i	Handle (8") of approved make & design and having Antique finish	16.00	No's		
	l	Peep hole pf approved make & design having Antique finish	4.00	No's		
	k	door stopper	20.00	No's		
	l	door magnet	12.00	No's		
	m	door buffer	4.00	No's		
	n	Aluminium Handle (125 mm)	8.00	No's		
	o	SS Hinge (75mmx20mm)	16.00	NO's		
	p	Aluminium Tower Bolt (4 ")	8.00	No's		
5.00		Providing and fixing 30mm thick Moulded Panel doors with PVC sheets factory pressed on both sides in wood textured finish of KALPATARU make for bathrooms/toilets. The doors should be fitted keeping proper alignment with 3 numbers of 100mm x 40mm brass hinges. The rate should include for fixing of new hardware fixtures such as aldrop, handle, tower bolt, cost of all materials for fixing, labour etc complete as directed by the Consultant.	3.00	No's		

6.00	<p>Providing, supplying and installing Cabinet over loft with shutters & frame as per drawing provided by consultant and as per the following specifications. The frame work or carcass of the cabinet's drawer fascia/sides/bottom/shelves etc. shall be made out of 19mm thk Commercial Blockboard of approved make(Kit Gold, Greenply, WIP or equivalent) with 6mm x20mm TW edge beading.</p> <p>c) The shutters shall be made out of 19mm thick Blockboard of approved make (Kit Gold, Greenply, WIP or equivalent). Each shutter shall be fixed to the frame work/carcass using 2 numbers of best quality EURO type slip hinges(Ebco, Hetich or approved equivalent make) and provided with an approved quality and profile brush finished SS handle(minimum 75mm long).</p> <p>d) The unit shall be firmly fixed to the walls using SS screws of appropriate size and rawl plugs. e) The shelves shall be supported on approved quality SS pins. f) All exposed surfaces and internal surfaces of the units and drawer fascia shall be provided with laminate cladding having thickness 1mm and 0.8mm respectively with approved colour and factory machine pressed pasting using approved quality and make synthetic resin based adhesive (Fevicol, Vamicol) etc.</p> <p>g) The edges of the plywood shall be provided with suitable best quality lippings. h) Measurement will be taken on the basis of sqm of cabinet front facade basis.</p>	9.85	SQM		
7.00	Supply & installation of side hung openable Bare Aluminium aluminium windows (including frame, shutter & accesories) having 20 series section & frames of Hindalco or equivalent and minimum 1.20mm section thickness(18 gauge), Glass 5mm thick 1-way of Saint Gobain or equivalent, z- hinges on top and bottom of each shutter in stainless steel of Ebco make or equivalent, New Handle Lock with Locking arrangement of Ebco or equivalent , air gaps to be sealed with silicon sealent, EPDM gaskets, including all accesories and fastenings etc. complete.	9.00	SQM		
8.00	Providing & Fixing Heavy duty Curtain Rod 25mm dia of SS(314 grade) with End & Center brackets as necessary in 18 gauge SS 314 grade above window lintel for the purpose of of hanging Eyelet Curtains				
	a Bracket Sets	15.00	NO's		
	b SS Rod 25mm dia	17.10	RM		
9.00	Wall Mounting Retractable Type 5 Rows Clothes Lines for drying clothes	3.00	NO's		
	TOTAL AMOUNT OF INTERIOR WORK				

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 2 (60 SQM)						
Employer :NABARD GOA						
SR. NO.	ITEM OF WORK		ESTIMATED QUANTITY	UNIT	RATE (Rs.)	Amount (Rs.)
					In Figures	
C	PLUMBING WORKS					
a	WATER SUPPLY					
	1.00	INTERNAL WATER SUPPLY				
		Providing and fixing tested Astral CPVC Astm D2846				
		SDR 11 UPTO2" and beyond 2" as per Astm Sch.40				
		F 441 pipes including necessary specials,etc				
		complete as directed, including hydraulic				
		testing at 10.54Kg pressure				
		(Internal work)				
		i. 15 mm nominal bore	22.50	RM		
		ii. 20 mm nominal bore	18.00	RM		
	2.00	Providing and fixing concealed C.P. stop cock with CP wall flange of Jaquar (Continental) approved make including all cost of labour material handling etc. and testing.	3.00	Nos.		
b	INTERNAL DRAINAGE WORK					
	1.00	Providing and fixing 40mm dia PVC Pipe for Wash Basin drainage of approved make including bend, TEE, junction, junction with access door, 'Y' Junction, battens, brackets, supports with fasteners, as required lubricant etc. complete (single / double) socketed, as specified.	6.00	RM		
	2.00	Providing and fixing rigid PVC S.W.R. (soil, waste & rain water drainage pipes of approved make including bend, TEE, junction, junction with access door, 'Y' Junction, battens, brackets, supports with fasteners, as required lubricant etc. complete (single / double) socketed, as specified :				
		i. 75 mm dia.SWR PVC PIPE	15.00	RM		
		ii. 110 mm dia.	9.60	RM		
	3.00	Providing and fixing PVC Nahani Trap with cockroach protection and PVC jali 100mm dia, complete including cost of cutting and making good the floor	6.00	NO's		
c	SANITARY FITTINGS					
	1.00	Providing & fixing Ceramic European type Floor Mounted water closet of approved Make Design & Colour with PVC Cistern of Capacity 10 lts , heavy duty seat and lid with with brackets and mosquito proof coupling of approved municipal design complete, including cutting and making good the walls and floors where required, as specified. Brand JAQUAR :				

		LYS-WHT-38851S or equivalent				
		i. W.C.	3.00	Nos.		
	2.00	Providing & Fixing Ceramic Wash basin full set of size not less than 16"x 21" of Approved make, design & colour including CP bottle trap, CP brass waste coupling, Rag Bolts complete including cutting and making good the walls wherever required. With joints filled with White Cement. Jaguar ARS-WHT-39801				
		i. Flat back wash basin with pedestal	6.00	Nos.		
	3.00	Providing & Fixing S.S. Kitchen Sink with bowl size 450 x 375 with 190 mm depth including making connection of outlet etc. complete as specified. Franke				
		i. S.S. sink with drain broad	3.00	Nos.		
	4.00	Providing & Fixing Jaguar continental or equivalent make Pillar cock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15001PM	3.00	Nos.		
	5.00	Providing & Fixing of Jaguar continental or equivalent make 2 way bibcock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15041PM	3.00	Nos.		
	6.00	Providing & Fixing Jaquar continental or equivalent make Angle cock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15053PM	20.00	Nos.		
	7.00	Providing & Fixing Jaguar continental or equivalent make health faucet complete set with 1 m long PVC pipe including cost of all materials, labour charges etc complete. Jaguar ALD-CHR-573	3.00	Nos.		
	8.00	Providing and fixing Shower assembly with C.P. pressure adjustable Shower Rose, C P Shower Arm, C P Spout, C P Single Lever divertor, C P Wall flange etc complete as directed (Jaguar or equivalent approved make).Jaquar SHA-CHR-479L300	3.00	Nos.		
	9.00	Providing & Fixing of Jaguar continental or equivalent make Kitchen Faucet with Swivel arm of jaguar (Continental) or equivalent make including cost of all materials , labour charges etc complete. Jaguar FLR-CHR-5357N	3.00	No's		
	10.00	Providing & Fixing 600 x 120 mm glass shelf with C.P. brass brackets and guard rail complete fixed to wooden cleats with C.P. brass screws, as specified. Jaguar ACN-CHR-1171N	3.00	Nos.		
	11.00	Providing & Fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden cleats with C.P. brass screws, as specified. Jaguar AQN-CHR-7711				
		i. 600 x 20 mm size	3.00	Nos.		

	12.00	Providing & Fixing toilet paper holder as specified. :Jaguar AQN-CHR-7751				
		i. C.P. Toilet roll Holder	3.00	Nos.		
	13.00	Providing & Fixing of CP round towel ring of approved make with necessary anti corrosive screws etc. Complete. Jaquar AQN-CHR-7721	3.00	Nos.		
	14.00	Providing & Fixing SS or CP Robe hook with minimum 2 hooks of Jaguar make with necessary anti-corrosive screws etc. Complete. Jaguar AQN-CHR-7761	3.00	Nos.		
	15.00	Providing & Fixing 8 mm thick, 9" x 9" size, Corner glass shelf with CP railing including heavy CP clamps and anti-corrosive screws etc complete. Jaguar ACN-CHR-1173	3.00	Nos.		
	16.00	Providing & Fixing 450mm x 600mm size, wall mirror with inbuilt storage with mirror 4mm thk of Saint Gobain/Modi guard make, and storage of PVC / Fibre in heavy duty material with shutter / magnet/ handles complete.	3.00	Nos.		
	TOTAL AMOUNT OF PLUMBING WORK					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 2 (60 SQM)

Employer :NABARD GOA

SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
				In Figures	
D	ELECTRICAL WORKS				
A	Supply, Installation Testing & commissioning of point wiring using 1.5sqmm x 2 + 1.5sqmm copper multi-strand wire for Phase & neutral in 20mm pvc conduit with, concealed boxes with 10A Anchor roma accessories & required accessories. Upto 6m length				
A1	LIGHT POINT	45	Nos.		
A2	TWO WAY LIGHT POINT	3	Nos.		
A3	FAN POINT	12	Nos.		
A4	TWO WAY FAN POINT	6	Nos.		
A5	EXHUAST FAN POINT	6	Nos.		
A6	BELL POINT	3	Nos.		
A7	10A PLUG POINT ON BOARD (HALF POINT)	9	Nos.		
A8	10A PLUG POINT INDEPENDENT	21	Nos.		
A9	Fixing of 10L CAPACITY STORAGE WATER GEYSER (VERTICAL TYPE) OF RACOLD OR EQUIVALENT WITH SUPPORT	3	Nos.		
A10	Fixing of 1200MM DIA CEILING FAN OF HAVELLS OR EQUIVALENT MAKE WITH CAPPING, ROD, BRACKETS & BOLTS COMPLETE	12	Nos.		
A11	Fixing of WATER PURIFIER WITH ACTIVATED CARBON & UV/UF FILTER OF AQUAGUARD MAKE	3	Nos.		
B	Supply, Installation, Testing & commissioning of point wiring using 2X4 sqmm + 1X2.5sqmm copper multi-strand wire for Phase & neutral & earthing in 20mm pvc conduit with, concealed box with 20A Anchor Roma switch & socket plate & required accessories. For AC point consider MCB in lieu of Switch				
B1	20A POWER POINT INDEPENDENT	6	Nos.		
B2	AC POINT (With MCB instead of Switch)	3	Nos.		
B3	GYSER POINT	3	Nos.		
C	Supply ,Installation, Testing & commissioning of circuit wiring using 2.5sqmm x 2 + 1.5sqmm x 1 copper multi-strand wire for Phase & neutral & earthing in 20mm pvc conduit & required accessories.				
C1	2.5sqmm x 2 + 1.5sqmm x 1 CIRCUIT WIRING	540	mtr		
C2	4sqmm x 2 + 1.5sqmm x 1 CIRCUIT WIRING	225	mtr		
D	Supply ,Installation, Testing & commissioning of Main Circuit wiring using 6sqmm x 4 + 4sqmm x 1 copper multi-strand wire for 3Phase & neutral & earthing in 25mm pvc conduit & required accessories. From meter room to DB				
D1	6sqmm x 4 + 2.5sqmm x 1c MAIN CIRCUIT	90	mtr		

E	Supply, Installation Testing & commissioning of T.V. & Telephone point wiring using RG-6 or 3pair telephone wire in 20mm pvc conduit with, concealed boxes with Anchor Dyna switch plate & required accessories.				
E1	T.V. POINT	6	Nos.		
E2	TELEPHONE POINT	6	Nos.		
G	Supply, Installation Testing & commissioning PLATE TYPE EARTHING using 600 X 600 X 6MM GI Plate Duly erected as PER IS3043 with required Material & accessories.				
G1	EARTHING PIT	NA	nos		
G2	8SWG GI EARTH WIRE FORM DB to SHAFT	45	KGS		
G3	25MM X 3MM GI EARTHING STRIP	NA	KGS		
H	Installation, Testing & commissioning of ENERGY METER with required accessories, Lead from Main Isolating Switch, cut out & Meter				
1	3 PHASE ENERGY METER	3	nos		
I	Installation, Testing & commissioning of DB with required accessories.	3	nos		
	12 WAY ETPN DB as required, (Lighting & Power DB)				
	1 No. Double door ETPN DB enclosure IP-43 with PPI Kit.				
	Incomer-				
	1 No.63A 4P MCB with 3 nos. 40 A DP, 30 mA RCCB				
	Outgoings-				
	30 Nos. 10/16/25A SP MCB, C Curve.				
	Necessary blank plates (if require), interconnection and accessories.				
	TOTAL AMOUNT OF ELECTRICAL WORK				
MATERIAL:- PVC CONDUIT:- PRECISION AND ACCESSORIES , CONCEAL BOXES :- ANCHOR OR LEGRAND ,					
SWITCHES & ACCESSORIES :- ANCHOR VOILA OR LEGRAND ARTEOR , WIRES :- ANCHOR , RR CABLES,					
OR FINOLEX ,CABLES :- POLYCAB , RAJ CAB or RAJANIGANDHA ,MCB DB :- MOOLER , LEGRAND or SCHNIDER ,					
MAIN SWITCH, BUSBAR :- KEW , HPL SOCHOMAC , SCHNIDER , CABLE TRY :- GI ,					
EARTHING :- CHEMICAL OR TRADITIONAL					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 3 (47 SQM)

Employer :NABARD GOA

Summary of Works - TYPE 3 (47 SQM)

SR. NO.	DESCRIPTION	AMOUNT (Rs)
1.0	CIVIL WORK	
2.0	INTERIOR WORK	
3.0	PLUMBING WORK	
4.0	ELECTRICAL WORK	
TOTAL OF WORKS		

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 3 (47 SQM)**Employer : NABARD GOA**

SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
				In Figures	
A	CIVIL WORKS				
1.00	Dismantlement of existing wall, toilet dado, toilet sunk, toilet flooring, kitchen platform with supports, kitchen dado, skirting, room flooring and additional civil material as per instructions of the Consultant & safely taking away from the site outside Milroc Ribandar Retreat colony premises, both serviceable & unserviceable materials which are obtained from the dismantlement of the civil work and carrying out the dismantlement in a manner as directed at site in whole or in parts as feasible as per the direction of Engineer etc. complete.	34.56	Cu M		
2.00	Dismantling and removing door hardware, plumbing & sanitary fittings including water supply, drainage & sewage pipes, clearing away the debris out of Milroc Ribandar Retreat colony premises and stacking the dismantled pipes and sanitary fittings for buy back	LUMPSUM			
3.00	Clean the sunken slab of toilet thoroughly with wire brush and remove the adhered plastering and dirt completely and wash the surface with water completely and leave the surface for drying. Providing waterproofing treatment consisting of one layer of acrylic polymer modified cementitious slurry in 1:2 proportion (1: polymer, 2: cement) by weight and followed by topping with mix of cement, acrylic based polymer and silica sand in 1 : 2 : 2 proportion including corner fillet of horizontal and vertical layers as per manufacturer's specifications and with 10 years guarantee. (Plan area to be measured) for toilet block will include coat upto 1m height from floor level as per terms & conditions.	27.80	Sqm		

4.00	Providing and laying reinforced cement concrete of grade M25 (mix design) with coarse sand and graded granitic or basaltic stone aggregate 20 mm nominal size as per mix design requirements excluding plastering and cost of centering shuttering and reinforcement from Ground to Second Floor				
	i Lintels (23cm x 15cm)	12.15	RM		
5.00	Plastering : Providing and applying plaster in CM 1:5 (1 cement : 5 sand) about 15 mm thickness on the newly constructed partition walls/old walls and as approved in patches including dismantling of the old damaged plaster, preparing the surface of new plaster, curing of new plaster, scaffolding, etc. complete as directed. The plaster has to be done in patches or stretches and to match the adjoining surfaces, sealing the crack in plaster with suitable crack seal as necessary [Area of cement plaster more than 0.10 Sq.m. at one stretch for repairs only will be considered for payment. Prior approval for plastering such areas should be taken from the Consultant and the area of plastering should be measured in the presence of Representative of NABARD. The rate should include cost of all materials, labour charge, curing, disposing off the debris, cleaning the area thoroughly etc complete as directed.	37.13	Sqm		
6.00	Providing and Fixing Skirting 100mm high of approved variety of premium quality polished vitrified tiles (of approx. Size 600 mm x 600 mm(upto 5% ± Variation in size), 10mm thick, in proper line and level with cement and sand motar of approved make in necessary thickness.The joints shall be filled with jointing compound of matching colour. The rate quoted should include for the cost of all materials, labour charges, curing, cleaning the surface to remove all the loose mortars / dust particles to receive new skirting, etc complete as directed by engineer. The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.	192.50	RM		

7.00	<p>Providing and Fixing of approved variety of premium quality polished vitrified tiles of approx. Size 600 mm x 600 mm, 10mm thick, in proper line and level with cement and sand motar in necessary thickness . The joints shall be filled with jointing compound of matching colour. The rate quoted should include for the cost of all materials, labour charges, curing, cleaning the surface to remove all the loose mortars / dust particles to receive new flooring etc complete as directed by the Engineer. . The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.</p>	192.50	Sqm		
8.00	<p>Providing and Fixing Approved make glazed ceramic tiles of size 300mm x 600mm or 300mm x 450mm(upto 5% ± Variation in size) as per selection by owner for wall dado in Toilet & Kitchen with cement grout after applying a layer of cement mortar 1:3 of 12-15mm thick mixed with water proofing compound and tile joints shall be filled with jointing compound of matching colour mixed with water proofing compound complete as directed including cost of all materials, labour charges, curing etc. Complete. The surface should be brought to proper level by plastering the areas as per requirement before tiling work and no separate payment will be made in this account. The basic price of vitrified tile- Rs.750 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria</p>	164.83	Sqm		
9.00	<p>Providing and Fixing of approved make antiskid ceramic tiles of size 300mm x 300mm for flooring of toilet/bathrooms over a bed of 20mm thick cement mortar 1:4, mixed with water proofing compound. The tile joints shall be filled with jointing compound of matching colour mixed with water proofing compound complete as directed. The rate should include cost of all materials, labour charges, curing etc. Complete. The surface for tiling should be brought to proper</p>	20.06	SQM		

	level using cement mortar as per requirement before tiling work and no separate payment will be made in this account. The basic price of vitrified tile- Rs.450 per sqm (upto 5% ± Variation in rate) Approved make: RAK/ Nitco/ Somany/ Johnson/ Kajaria.				
10.00	Supplying and fixing 18mm thick, one side mirror polished machine cut "Jet Black" colour granite slab for kitchen platform / for making frames for doors/ventilators including making facing the edge bull nose moulding with matching polishing to give high gloss finish etc complete and sealing all the joints with epoxy resin based adhesive including cleaning, etc complete as directed. In kitchen, the granite slab is to be fixed over Marine Plywood cage in width 650mm with 2 sides and rear edge of the granite slab shall be embedded 40mm into the wall. No deduction will be made for area of granite cut for sink including cost for cutting hole for fixing sink, cost of all materials, labour charges, curing etc.	13.50	RM		
11.00	Birla White Wall Care Putty: Providing and applying 2 or more coats of Birla Putty SF & MF suitably on the walls/ceiling on the cleaned surface as per manufacturer specifications complete as directed. The plastered surface after scrapping and patch plastering may be brought to level by applying one coat of Birla putty MF to required thickness (not more than 3mm thickness). Then make the surface extremely smooth with one or two coats of Birla Putty SF to required thickness (not more than 1.5mm thick). The unevenness on the surface may be removed by gently levelling the surface with very fine water proof emery paper, not less than 500 number, to get a glossy white surface. The surface should be brought to proper line and level to such an extent that no undulations could be visible and all the edges and corners should be finished very sharp to look like a narrow hair line. The work includes cost of all materials, labour charge, scaffolding charges etc. Complete.	16.58	Sq.m.		

12.00	Acrylic Paint - Interior Emulsion - For officer quarters : Providing and applying two or more coats of good quality acrylic emulsion washable paint like Premium Emulsion of Asian Paint and Beauty Gold washable emulsion of Nerolac, of approved manufacturer and shade as per specifications on interior surfaces of walls, ceilings etc including cleaning the area thoroughly to remove even small patches or marks of old/new paint using suitable cleaning materials etc. after cleaning the area, putty repair and sanding with emery paper, primer touch up & finishing with Premium acrylic emulsion paint of Asian paints or equivalent complete as directed by consultant and disposing off the debris. Additional payment for Putty shall be made only if Putty Repair is more than 0.1 sqm in any patch taken up for repair	837.65	sqm		
13.00	Providing & applying Two or more coats of Good Quality Synthetic Enamel Paint of Asian Paints or Equivalent make and Shade as per directions of Consultant on Window Grills including cleaning the surface of dirt or loose particles ,sanding with emery paper , applying 1 coat of Red oxide primer and 2 coats of Synthetic Enamel paint and making good surrounding surfaces after completion of work	26.00	sqm		
14.00	Anti-Termite Treatment along with ant and cockroach treatment for all areas & Woodwork	235.00	sqm		
	TOTAL AMOUNT OF CIVIL WORK				

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 3 (47 SQM)						
Employer :NABARD GOA						
SR. NO.	ITEM OF WORK		ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)
					In Figures	
B	INTERIOR WORKS					
1.00	Polishing: Providing and applying polish on wood work, doors, pelmets, etc. With two or more coats of French spirit polish of approved tint to obtain smooth and glossy finish as per manufacturer specifications. The surfaces should be prepared by removing the dirt and dust completely from the surface by sanding with emery paper 180 followed by smooth sanding with emery paper 320 or 400 and the cracks on the surface should be filled with suitable crack seal to make the surface extremely smooth before the application of polish etc. complete as directed.					
	a	Door	63.00	SQM		
	b	Frames	57.00	RM		
2.00	Providing and fixing First quality 4mm thick Veneer (Basic Price Rs. 120/sqft) over 4mm thick Ply (Basic Price Rs.45/sqft of Greenply or equivalent make, in approved design & shade with suitable adhesive on Existing maindoors on both sides of the shutter as per design. The surfaces of shutter & door frame shall be prepared by removing dust completely from the surface by sanding with emery paper. Ply /veneer is to be fixed with suitable adhesive (Fevicol SH) and finished with French polish (Rate for Applying French polish not to be considered in this item)					
	a	Main Door	21.00	SQM		
3.00	Providing and fixing First quality 1mm thick Laminate sheet of size 8'x4' of Basic Price Rs.1300/sheet of Approved make, design & shade on Existing flush doors on both sides of the shutter as per size. and Door Frame shall be finished in 1 coat Synthetic enamel Primer & 2 Coats synthetic enamel paint of approved make & shade. The surfaces of shutter & door frame shall be prepared by removing dust completely from the surface by sanding with emery paper and filling of cracks with crackseal. Laminate to be fixed with suitable adhesive (Fevicol SH)					
	a	1mm thick laminate cladding (size 8' x 4')	20.00	sheets		
	b	synthetic enamel paint	52.00	RM		
4.00	Providing and fixing Heavy duty Brass hardware to existing doors of Approved make, design and finish.					
	a	Hinges 40mmx100mm x 2 mm thick of approved design and Antique finish.	110.00	No's		
	b	Tower bolt of length 8" of approved make & design & having Antique Finish.	30.00	No's		
	c	180 degree Hinges30mmx100mm x 1 mm thick of approved design and Antique finish.	30.00	No's		
	d	Chain Latch of approved make & design & having Antique Finish.	5.00	No's		

	e	Mortice Handle with lock pf approved make & design & having Antique finish and Keyhole - outside & Turn Knob- Inside	10.00	No's		
	f	Cylindrical lock of approved make & design & having Antique finish brass and Keyhole - outside & Turn Knob- Inside	5.00	No's		
	g	Aldrop (10") of approved make & design and having Antique finish	5.00	No's		
	i	Handle (8") of approved make & design and having Antique finish	20.00	No's		
	l	Peep hole pf approved make & design having Antique finish	5.00	No's		
	k	door stopper	25.00	No's		
	l	door magnet	15.00	No's		
	m	door buffer	5.00	No's		
	n	Aluminium Handle (125 mm)	40.00	No's		
	o	SS Hinge (75mmx20mm)	80.00	NO's		
	p	Aluminium Tower Bolt (4 ")	40.00	No's		
5.00		Providing and fixing 30mm thick Moulded Panel doors with PVC sheets factory pressed on both sides in wood textured finish of KALPATARU make for bathrooms/toilets. The doors should be fitted keeping proper alignment with 3 numbers of 100mm x 40mm brass hinges. The rate should include for fixing of new hardware fixtures such as aldrop, handle, tower bolt, cost of all materials for fixing, labour etc complete as directed by the Consultant.	5.00	No's		
6.00		Providing, supplying and installing Cabinet over loft with shutters & frame as per drawing provided by consultant and as per the following specifications. The frame work or carcass of the cabinet's drawer fascia/sides/bottom/shelves etc. shall be made out of 19mm thick Commercial Blockboard of approved make(Kit Gold, Greenply, WIP) with 6mm x20mm TW edge beading. c) The shutters shall be made out of 19mm thick Blockboard of approved make (Kit Gold, Greenply, WIP or equivalent). Each shutter shall be fixed to the frame work/carcass using 2 numbers of best quality EURO type slip hinges(Ebco, Hetich make) and provided with an approved quality and profile brush finished SS handle(minimum 75mm long). d) The unit shall be firmly fixed to the walls using SS screws of appropriate size and rawl plugs. e) The shelves shall be supported on approved quality SS pins. f) All exposed surfaces and internal surfaces of the units and drawer fascia shall be provided with laminate cladding having thickness 1mm and 0.8mm respectively with approved colour and factory machine pressed pasting using approved quality and make synthetic resin based adhesive (Fevicol, Vamicol) etc. g) The edges of the plywood shall be provided with suitable best quality lippings. h) Measurement will be taken on the basis of sqm of cabinet front facade basis.	14.16	SQM		

7	<p>Providing, supplying and installing Additional Stone shelf as required with shutters & frame as per drawing provided by consultant and as per the following specifications.</p> <p>The frame work under counter shall be made out of 19mm thk Commercial Blockboard of approved make (Kit Gold, Greenply, WIP or equivalent).</p> <p>c) The shutters shall be made out of 19mm thick Blockboard of approved make (Kit Gold, Greenply, WIP or equivalent). Each shutter shall be fixed to the frame work using 2 numbers of best quality EURO type slip hinges(Ebco, Hetich or approved equivalent make) and provided with an approved quality and profile brush finished SS handle(minimum 75mm long).</p> <p>e) The shelves shall be supported on existing masonry wall. f) All exposed surfaces and internal surfaces of the shutters shall be provided with laminate cladding having thickness 1mm and 0.8mm respectively with approved colour and factory machine pressed pasting using approved quality and make synthetic resin based adhesive (Fevicol, Vamicol) etc.</p> <p>g) The edges of the plywood shall be provided with suitable best quality lippings. h) Measurement will be taken on the basis of sqm basis.</p>	5.00	Lumpsum		
8.00	Supply & installation of side hung openable Bare Aluminium aluminium windows (including frame, shutter & accesories) having 20 series section & frames of Hindalco or equivalent and minimum 1.20mm section thickness(18 gauge), Glass 5mm thk 1-way of Saint Gobain or equivalent, z- hinges on top and bottom of each shutter in stainless steel of Ebco make or equivalent, New Handle Lock with Locking arrangement of Ebco alent , air gaps to be sealed with silicon sealent, EPDM gaskets, including all accessories and fastenings etc. complete.	15.35	SQM		
9.00	Providing & Fixing Heavy duty Curtain Rod 25mm dia of SS(314 grade) with End & Center brackets as necessary in 18 gauge SS 314 grade above window lintel for the purpose of of hanging Eyelet Curtains				
	a	Bracket Sets	20.00	NO's	
	b	SS Rod 25mm dia	17.50	RM	
10.00	Wall Mounting Retractable Type 5 Rows Clothes Lines for drying clothes	5.00	NO's		
TOTAL AMOUNT OF INTERIOR WORK					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 3 (47 SQM)						
Employer :NABARD GOA						
SR. NO.	ITEM OF WORK		ESTIMATED QUANTITY	UNIT	RATE (Rs.)	Amount (Rs.)
					In Figures	
C	PLUMBING WORKS					
a	WATER SUPPLY					
	1.00	INTERNAL WATER SUPPLY				
		Providing and fixing tested Astral CPVC Astm D2846				
		SDR 11 UPTO2" and beyond 2" as per Astm Sch.40				
		F 441 pipes including necessary specials, etc				
		complete as directed, including hydraulic				
		testing at 10.54Kg pressure				
		(Internal work)				
	i	15 mm nominal bore	37.50	RM		
	ii.	20 mm nominal bore	30.00	RM		
	2.00	Providing and fixing concealed C.P. stop cock with CP wall flange of Jaquar (Continental) approved make including all cost of labour material handling etc. and testing.	5.00	Nos.		
b	INTERNAL DRAINAGE WORK					
	1.00	Providing and fixing 40mm dia PVC Pipe for Wash Basin drainage of approved make including bend, TEE, junction, junction with access door, 'Y' Junction, battens, brackets, supports with fasteners, as required lubricant etc. complete (single / double) socketed, as specified.	10.00	RM		
	2.00	Providing and fixing rigid PVC S.W.R. (soil, waste & rain water drainage pipes of approved make including bend, TEE, junction, junction with access door, 'Y' Junction, battens, brackets, supports with fasteners, as required lubricant etc. complete (single / double) socketed, as specified :				
	i.	75 mm dia. SWR PVC PIPE	25.00	RM		
	ii.	110 mm dia.	16.00	RM		
	3.00	Providing and fixing PVC Nahani Trap with cockroach protection and PVC jali 100mm dia, complete including cost of cutting and making good the floor.	10.00	NO's		
c	SANITARY FITTINGS					
	1.00	Providing & fixing Ceramic European type Floor Mounted water closet of approved Make Design & Colour with PVC Cistern of Capacity 10 lts , heavy duty seat and lid with brackets and mosquito proof coupling of approved municipal design complete, including cutting and making good the walls and floors where required, as specified. Brand JAQUAR : LYS-WHT-38851S or				

		equivalent				
		i. W.C.	5.00	Nos.		
	2.00	Providing & Fixing Ceramic Wash basin full set of size not less than 16"x 21" of Approved make, design & colour including CP bottle trap, CP brass waste coupling, Rag Bolts complete including cutting and making good the walls wherever required. With joints filled with White Cement. Jaguar ARS-WHT-39801 or equivalent				
		i. Flat back wash basin with pedestal	5.00	Nos.		
	3.00	Providing & Fixing S.S. Kitchen Sink with bowl size 450 x 375 with 190 mm depth including making connection of outlet etc. complete as specified. Franke or equivalent				
		i. S.S. sink with drain broad	5.00	Nos.		
	4.00	Providing & Fixing Jaguar continental or equivalent make Pillar cock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15001PM	5.00	Nos.		
	5.00	Providing & Fixing of Jaguar continental or equivalent make 2 way bibcock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15041PM	5.00	Nos.		
	6.00	Providing & Fixing Jaguar continental or equivalent make Angle cock including cost of all materials, labour charges etc complete. Jaguar OPP-CHR-15053PM	25.00	Nos.		
	7.00	Providing & Fixing Jaguar continental or equivalent make health faucet complete set with 1 m long PVC pipe including cost of all materials, labour charges etc complete. Jaguar ALD-CHR-573	5.00	Nos.		
	8.00	Providing and fixing Shower assembly with C.P. pressure adjustable Shower Rose, C P Shower Arm, C P Spout, C P Single Lever divertor, C P Wall flange etc complete as directed (Jaguar or equivalent approved make). Jaguar SHA-CHR-479L300	5.00	Nos.		
	9.00	Providing & Fixing of Jaguar continental or equivalent make Kitchen Faucet with Swivel arm of jaguar (Continental) or equivalent make including cost of all materials , labour charges etc complete. Jaguar FLR-CHR-5357N	5.00	No's		
	10.00	Providing & Fixing 600 x 120 mm glass shelf with C.P. brass brackets and guard rail complete fixed to wooden cleats with C.P. brass screws, as specified. Jaguar ACN-CHR-1171N	5.00	Nos.		
	11.00	Providing & Fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden cleats with C.P. brass screws, as specified. Jaguar AQN-CHR-7711				
		i. 600 x 20 mm size	5.00	Nos.		
	12.00	Providing & Fixing toilet paper holder as specified. :Jaguar AQN-CHR-7751				
		i. C.P. Toilet roll Holder	5.00	Nos.		

	13.00	Providing & Fixing of CP round towel ring of approved make with necessary anti corrosive screws etc. Complete. Jaguar AQN-CHR-7721	5.00	Nos.		
	14.00	Providing & Fixing SS or CP Robe hook with minimum 2 hooks of Jaguar make with necessary anti-corrosive screws etc. Complete. Jaguar AQN-CHR-7761	5.00	Nos.		
	15.00	Providing & Fixing 8 mm thick, 9" x 9" size, Corner glass shelf with CP railing including heavy CP clamps and anti-corrosive screws etc complete. Jaguar ACN-CHR-1173	5.00	Nos.		
	16.00	Providing & Fixing 450mm x 600mm size, wall mirror with inbuilt storage with mirror 4mm thick of Saint Gobain/Modi guard make, and storage of PVC / Fibre in heavy duty material with shutter / magnet/ handles complete.	5.00	Nos.		
	TOTAL AMOUNT OF PLUMBING WORK					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL

Project : RENOVATION OF 12 APARTMENTS AT MILROC RIBANDAR RETREAT UNIT TYPE 3 (47 SQM)						
Employer :NABARD GOA						
SR. NO.	ITEM OF WORK	ESTIMATED QUANTITY	UNIT	RATE (In Rupees)	AMOUNT (Rs.)	
				In Figures		
D	ELECTRICAL WORKS					
A	Supply, Installation Testing & commissioning of point wiring using 1.5sqmm x 2 + 1.5sqmm copper multi-strand wire for Phase & neutral in 20mm pvc conduit with, concealed boxes with 10A Anchor roma accessories & required accessories. Upto 6m length					
A1	LIGHT POINT	75	Nos.			
A2	TWO WAY LIGHT POINT	5	Nos.			
A3	FAN POINT	20	Nos.			
A4	TWO WAY FAN POINT	10	Nos.			
A5	EXHUAST FAN POINT	10	Nos.			
A6	BELL POINT	5	Nos.			
A7	10A PLUG POINT ON BOARD (HALF POINT)	15	Nos.			
A8	10A PLUG POINT INDEPENDENT	35	Nos.			
A9	Fixing of 10L CAPACITY STORAGE WATER GEYSER (VERTICAL TYPE) OF RACOLD OR EQUIVALENT WITH SUPPORT	5	Nos.			
A10	Fixing of 1200MM DIA CEILING FAN OF HAVELLS OR EQUIVALENT MAKE WITH CAPPING, ROD, BRACKETS & BOLTS COMPLETE	20	Nos.			
A11	Fixing of WATER PURIFIER WITH ACTIVATED CARBON & UV/UF FILTER OF AQUAGUARD MAKE	5	Nos.			
B	Supply, Installation, Testing & commissioning of point wiring using 2X4 sqmm + 1X2.5sqmm copper multi-strand wire for Phase & neutral & earthing in 20mm pvc conduit with, concealed box with 20A Anchor Roma switch & socket plate & required accessories. For AC point consider MCB in lieu of Switch					
B1	20A POWER POINT INDEPENDENT	10	Nos.			
B2	AC POINT (With MCB instead of Switch)	5	Nos.			
B3	GYSER POINT	5	Nos.			
C	Supply ,Installation, Testing & commissioning of circuit wiring using 2.5sqmm x 2 + 1.5sqmm x 1 copper multi-strand wire for Phase & neutral & earthing in 20mm pvc conduit & required accessories.					
C1	2.5sqmm x 2 + 1.5sqmm x 1 CIRCUIT WIRING	900	mtr			
C2	4sqmm x 2 + 1.5sqmm x 1 CIRCUIT WIRING	375	mtr			
D	Supply ,Installation, Testing & commissioning of Main Circuit wiring using 6sqmm x 4 + 4sqmm x 1 copper multi-strand wire for 3Phase & neutral & earthing in 25mm pvc conduit & required accessories. From meter room to DB					
D1	6sqmm x 4 + 2.5sqmm x 1c MAIN CIRCUIT	150	mtr			

E	Supply, Installation Testing & commissioning of T.V. & Telephone point wiring using RG-6 or 3pair tel wire in 20mm pvc conduit with, concealed boxe with Anchor Dyna switch plate & required accessories.				
E1	T.V. POINT	10	Nos.		
E2	TELEPHONE POINT	10	Nos.		
G	Supply, Installation Testing & commissioning PLATE TYPE EARTHING using 600 X 600 X 6MM GI Plate Duly erected AS PER IS3043 with required Material & accessories.				
G1	EARTHING PIT	NA	nos		
G2	8SWG GI EARTH WIRE FORM DB to SHAFT	75	KGS		
G3	25MM X 3MM GI EARTHING STRIP	NA	KGS		
H	Installation, Testing & commissioning of ENERGY METER with required accessories, Lead from Main Isolating Switch, cut-out & Meter				
1	3 PHASE ENERGY METER	5	nos		
I	Installation, Testing & commissioning of DB with required accessories.	5	nos		
	12 WAY ETPN DB as required, (Lighting & Power DB)				
	1 No. Double door ETPN DB enclosure IP-43 with PPI Kit.				
	Incommer-				
	1 No.63A 4P MCB with 3 nos. 40 A DP, 30 mA RCCB				
	Outgoings-				
	30 Nos. 10/16/25A SP MCB, C Curve.				
	Necessary blank plates (if require), interconnection and accessories.				
	TOTAL AMOUNT OF ELECTRICAL WORK				
MATERIAL:- PVC CONDUIT:- PRECISION AND ACCESSORIES , CONCEAL BOXES :- ANCHOR OR LEGRAND ,					
SWITCHES & ACCESSORIES :- ANCHOR VOILA OR LEGRAND ARTEOR , WIRES :- ANCHOR , RR CABLES,					
OR FINOLEX ,CABLES :- POLYCAB , RAJ CAB or RAJANIGANDHA ,MCB DB :- MOOLER , LEGRAND or SCHNIDER ,					
MAIN SWITCH, BUSBAR :- KEW , HPL SOCHOMAC , SCHNIDER , CABLE TRY :- GI ,					
EARTHING :- CHEMICAL OR TRADITIONAL					

Date:

Place:

SIGNATURE OF CONTRACTOR
WITH SEAL