

CANARA BANK					
CIRCLE OFFICE TIRUPATI					
BOQ INTERIOR WORKS FOR CANARA BANK AT EXISTING PREMISES OF SANTHANUTHALAPADU BRANCH					
A	SCHEDULE - 'A' (FURNISHING WORK)				
S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	SUSPENDED FALSE CEILING				
1.1	FALSE CEILING (GYPSUM BOARD)				
	Providing and fixing Gypsum false ceiling as per drawing including of providing and fixing G.I. Frame work shall comprise of 0.50 mm thick G.I. perimeter channel (MF-6A) having one flange of 19.6mm and other flange shall be of 29.6mm and a web of 26.6mm along with perimeter of ceiling, screw will be fixed to the beam with the required curvature with nylon sleeves. screws will not at exceeding 610mm centers. Then suspending G.I. intermediate channel (MF-7) of size 45mm, 0.9mm thick with two flanges of 15mm each bent at the required curvature by cutting both its flanges. Suitable bracing to be provided where ever the flanges are cut with 0.9mm G.I. Flat and nuts and bolts at specific positions and thereafter at 1220mm centers with ceiling angle of width 25mm x 10mm x 0.50mm thick fixed to soffit with G.I. cleats and steel expansion fasteners as per specification of India gypsum at a distance of 2'0" c/c both ways complete with 12.5mm board and all necessary perimeter channels etc. The joints to be properly mended with paper tapes and gypsum compound all . The boards are to be jointed and finished which includes filling and finishing the tapered and square edges of the boards with jointing compound and fiber tape suitable for Gypsum board. A layer up to of 3.00mm thickness of Veneer Plaster is applied followed by two coats of topcoat (primer) at the face of board to give smooth seamless finish. 2 or more coats of plastic emulsion paint (roller finish) of approved shade and make shall be applied. The rate should include the full completion of the ceiling. At the time of handing over the site all necessary repairing work to be considered if required. The work will be completed as per instructions of the bank. No Drop or design(if any) will be considered as extra measurement it will be considered flat ceiling. (Only plan area to be measured for payment) .No extra payment will be made for the cutting of light points , stain glass,cove lighting etc. The measurement will be taken in one level , rate should include the drops also, and no extra amount will be paid for the drops.	Sq.Ft.	400		
1.2	FALSE CEILING (ARMSTRONG CEILINGS – FINE FISSURED MICROLOOK EDGE WITH SILHOUETTE GRID (BLACK REVEAL)				
	Providing and fixing false ceiling system manufactured by M/s Armstrong World Industries. Using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42 mm web height having 0.36 mm gauge at every 600 mm centre to centre maximum and rotary stitched cross tee of size 15 mm x 42 mm having 0.33 mm gauge at every 600mm c/c and wall angle of size 19 x 19 mm having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c in both directions using 2.0 mm thick pre-straightened GI wire laying FINE FISSURED MICROLOOK WITH SILHOUETTE GRID(BLACK REVEAL) ceiling tiles manufactured by M/s Armstrong World Industries, of size 600mmx600mmx15mm having NRC 0.55 Light reflectance of >84% (WT), thermal conductivity k = 0.052-0.057 W/m0K, Humidity Resistance of 99% , having Fire Performance CLASS O / CLASS 1 (BS 476) the grid surface having 3 Fine Fissured coats of white. The back of formed grid tile should have filled with sand and polished with one layer protective paint. (Branch & ATM)	Sq.Ft.	1260		
TOTAL OF SUSPENDED FALSE CEILING					
2	PARTITIONS WORK				
2.1	FULL HEIGHT SOLID PARTITION STRONG ROOM				
	Full height Solid Partition including flush door & strong room partition up to 7' only :- Providing and fixing solid partition the outer framing shall made out of aluminium hollow section of 65mm x 37mm size 1.0 mm thick of JINDAL / INDAL and Internal frame structure will placed at max distance of 2'-0" x 2'-0" center to center horizontally and vertically. Fix 12 mm thick MDF Board with 1.0mm thick laminate top on both sides with approved shade in groove pattern as per instructions of architect. The rate will include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete. Laminate Should be considered up to two or three color combination. The edge beadings with steam beach wood should be finished with melamine polish if required, frame work above false ceiling done shall not be measured but contractor may factor it while quoting there rates as measurement up to false ceiling lvl. The rate inclusive of providing & fixing of required flush door of 37mm thick approx. with 1.0mm th. laminate both side with steem beech wood chowkhat of size 75mm x 65mm approx and Item includes Heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) with screws etc. The shade of laminate finish to be got approved from Bank. . All as per the design and instructions of Bank.	Sq.Ft.	60		
	Note :- For the purpose of payment partition shall be measured including the area of door/door frames up to false ceiling height.				
	Framework shall be regidly secured to floor, bottom of slab & existing walls at 2'-0" c/c with dash fasteners.				
2.2	Partition with one side laminate & other with Gypsum				
	As of the above but Providing and fixing double skin partition using aluminium frame as specified above along with 12mm thick Commercial Plywood Board lined on one side with 1mm thk laminate and other side lined with 6mm thick gypsum board of approved shade and make along with grooves.	Sq.Ft.	0		

2.3	Partition with one side laminate & other with Cement Board (UPS All Sides)	Sq.Ft.	96		
	As of the above, the skin of the partition shall be made out of 10mm thick cement fiber board and finished with 1mm thick laminate of approved shade and scheme on the customer side (visible to customers) and 2 coats of ivory white enamel paint on the internal side (not visible from the customer lobby). The rate quoted must be inclusive of the providing one pane door for UPS room (Size - 7'-0" x 2'-9") & 2 panes door (Size-7'-0" x 2'-0" for electrical panel) or door sizes as per site requirements in combination of 6mm thk cement fibre board and 19mm thick approved block board pasted / screwed together to form a single entity and finished as per matching scheme. The block board shall be on the outer side and shall be pasted with 1.0 mm thick matt laminate along with matching skirting & top bands as per bank's scheme and the cement fiber side of the door shall be on the inside with 2 coats ivory white enamel paint over a coat of primer. Exposed edge of door thickness shall be finished with teakwood lipping & melamine polish.				
2.4	Full Height Partially Glazed partition (BM Cabin, Cash Cabin upto 7'Height)	Sq.Ft.	250		
	Same as of Solid ht partition , providing 8mm thick Mod/saint Gobin float glass above 1'-0" / 3'-0" & up to 7'-0" fixed with steam beech wood beading of finished size 1 1/2" X 1" all along the edge. All edge-to-edge glass joint to be machine cut and polished and sealed with silicon sealant. Joint shall be located strictly as shown in the drawing. All exposed woodwork to be malamine polished. Item includes frosted/striped/designer glass film of 3m, Avery Dennison or equivalent (basic rate of Film Rs. 50/ Sq.ft.) on existing glass as per manufacturer's specifications. All as per the design and instruction of Bank.				
2.5	Low. Height Semi Glazed Partition	Sq.Ft.	48		
	Same as above but of Low height as per design including 10mm Toughened glass with edges polished to be used. All other specs are same as of above, Edges of the partition to be covered with 3" X 1.5" Steam beech wood duty malamine polished moulding. 38mm thick flush door: wicket gate also shall be included for a measurement. All as per the design and insturction bank.				
2.6	Glazed Partition(Counter Front Glass)	Sq.Ft.	36		
	Providing & fixing 10mm thick toughened clear float glass to shape for front side of the cash counters including cutting the holes and providing & fixing TW beading polished and tinted to approved shade. (including SWO/Chief Cashier front Glass).				
2.7	ACP WALL PANELLING (ATM)	Sq.Ft.	250.00		
	Providing & fixing in position ACP (Aluminium Composite Panel) with framing of Aluminium Tube sections of min 1.5"x 1" and 20 gauge 2'-0" C/C both ways. ACP to be in 2' wide panels or distributed equally. Panels to be fixed to the frame with 3M or equi-valent adhesive. Joints to be finished with Silicon based sealant. Minimum ACP thickness-3 mm. Aluminum foil thickness to be min 0.25 mm on both sides. Alubond, Eurobond, Fujibond, Alcobond or equivalent ISO certified or approved brands to be used. White (IVORY) & Blue to be as per bank's approval. Additional Sections to be provided to fix the Indoor AC units. Both AC units to be installed near the machine area at the highest position. The rate shall be included for providing proper access panel for ATM power point and shall have proper locking arrangement for plug point by providing additional framing. (The measurement shall be made up to falseceiling).				
TOTAL OF PARTITIONS WORK					
3	DOOR & ACCESSORIES				
3.1	Main Entrance Door PT Door	Sq.Ft.	84		
	Providing and fixing toughend glass door shutters of 12mm thickness in opening of glazed partitions with stainless steel patch fittings of approved make (DORMA/ DLINE / GEZE or approved equivalent) including heavy duty double action floor-spring with steel cover plate of approved make, pull handle SS brushed finishes 24" long thick 25mm on both sides of door shutters, locking arrangement of Dorma / D Line or equivalent or better quality as approved by Engineer-in-charge. Exposed edges of glass shall be machine cut & polished. Cost includes cutting and making good the floor, walls, ceiling etc. for fixing floor spring and patch fittings. All complete as per approval of the Architect.				
3.2	Main Entrance Fixed PT Glazing	Sq.Ft.	160		
	Providing and fixing toughend glass partition of 12mm thickness with stainless steel patch fittings of approved make (DORMA/ DLINE / GEZE or approved equivalent as approved by Engineer-in-charge. Exposed edges of glass shall be machine cut & polished. Cost includes cutting and making the floor, walls, ceiling etc. good for fixing patch fittings. All complete as per approval of the Architect.				
3.3	Supplying and fixing of Dorma/GEZE Dline / Hardwyn/Godrej or approved equivalent Door Closer for wooden door for Branch manager, Banking ahll, Chief Cashier.	Nos	5		
3.4	Supplying and fixing of mortice door lock of hardwyn make HML-480 Lock Body 304 Stainless Steel. (in BM Cabin , Store room . Cash cabin shall be Godrej Night latch,(atm 1 No.)	Nos	5		
3.5	Supplying and fixing of door stopper SS Grade 304, HESSF-2C hardwyn make.	Nos	5		
TOTAL OF DOOR & ACCESSORIES					

4	WORKING COUNTER				
4.1	CASH/STAFF COUNTERS	Rft.	5.0		
	Providing and fixing Chief Cash Counter in split-levels @ 2'-6" (height 750mm) & 18" (1140mm) with 2'-6" & 15" wide each respectively. Each Upper and Lower tier shall be made of 19 mm thick Commercial Plywood Board finished in 1.0mm thick laminate. Exposed edge having steam beech wood edging of size 1 1/2" x 1". Vertical face shall have 19mm thick Commercial Plywood Board over pine wood framework as per requirement of design. All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade and colour.				
	1 no. prefabricated metal computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L – brackets for securing to the table top. Chest of drawers (size 1'-4" x 2'-0" x 2'- 5") made of 19mm thick Commercial Plywood Board having three drawers finished with 1.0mm thick Laminate on all sides. Each drawer shall have locking system and 6" long S.S. brushed finished handle, drawer slides etc. of approved make. All exposed edges of Commercial Plywood Board sealed with Steam beech wood beading of size 1/4" x 3/4". All beading and exposed wood shall be melamine polished and non-laminate surface to be enamel painted. Item includes readymade metal powder coated CPU trolley, grommet, footrest for each seat. All complete as per approval and instructions of the Architect / employer. The rate also include providing and fixing painting a foot rest using hard wood 100 x 25mm size 1st class seasoned country frame. Payment will be made only on the centerline measurement. The rate shall include the cost of providing skirting of 100mm wide lined with 1.0mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1.0mm thk laminate complete.				
4.2	RUNNING COUNTER	Rft.	18		
	Providing and fixing staff counter/SWO in split-levels @ 2'-6" (750 mm) & 3'1" with 2'-6" (750 mm) & 9" wide each respectively . Each Upper and Lower tier shall be made of 19mm thick Commercial Plywood Board and finished in 1.0mm thick laminate. Working top having steam beech wood edging of size 1 1/2" x 1". Vertical face shall have 19 mm thick Commercial Plywood Board pine wood framework as per requirement of design. All exposed edges of Commercial Plywood Board sealed with Steam beech wood beading of size 1/4" x 3/4". All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade.				
	The item includes Chest of drawers (size 1'-4" x 2'-0" x 2'- 5") made of 19mm thick Commercial Plywood Board having One drawers at top and a storage cabinet below having shutters of 19mm thick Commercial Plywood Board finished with 1.0mm thick Laminate on all sides. 1 no. prefabricated metal computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L – brackets for securing to the table top for each seat. All beading and exposed wood shall be melamine polished and non-laminate surface to be enamel painted. Item includes readymade metal powder coated CPU trolley, grommet, foot rest for each seat. All complete as per approval and instructions of the Architect/employer. The rate also include providing and fixing painting a foot rest using hard wood 100 x 25mm size 1st class seasoned country frame. Payment will be made only on the centerline measurement. The rate shall include the cost of providing skirting of 100mm wide lined with 1.0mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1.0mm thk laminate complete.				
TOTAL OF WORKING COUNTER					
5	TABLE & FURNITURE				
5.1	MANAGER TABLE (Size:- 5'-6" x 2'-6") ht. 2'-6"	Nos	1		
	Providing and fixing tables made out of 19 mm thick Commercial Plywood Board hard wood frame work finished with 1.0mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 1/4" finished with 19mm thk Comm. Commercial Plywood Board of approved make clad with 1mm thk. laminate (color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden steam beech lippings and mouldings duly malamine polish. The drawers to be made out of 19mm thk Commercial Plywood Board with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm Commercial Plywood Board and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint & Table back side will be 1mm laminate. A leg rest to be provided duly polished made out of 3"x2" Wooden Section. A shutter to be made by 19mm Commercial Plywood Board clad with 1.0mm laminate .The necessary locks handles to be provided in each drawers and shutters. 3" x 1/2" wooden skirting to be provided in all visible areas duly polished. The necessary wire managers(SS) to be provided on the tables and provision for lights to be kept if required in the front of the table. All the exposed areas to be duly malamine polished. The work to be completed as per design and approval of the Bank. The table should have key board tray and CPU Trolley to be Modular. All as per the design and instructions of Bank .				
5.2	OFFICER TABLE (Size:- 5'-0" x 2'-6") ht. 2'-6"	Nos	4		
	Providing and fixing tables made out of 19 mm thick Commercial Plywood Board hard wood frame work finished with 1.0 mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 1/4" finished with 19mm thk Comm. Commercial Plywood Board of approved make clad with 1mm thk. laminate(color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden steam beech lippings and mouldings duly malamine polish. The drawers to be made out of 19mm thk Commercial Plywood Board with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm Commercial Plywood Board and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint & Table back side will be 1mm laminate. A leg rest to be provided duly polished made out of 3"x2" Wooden Section. A shutter to be made by 19mm Commercial Plywood Board clad with 1.0mm laminate .The necessary locks handles to be provided in each drawers and shutters. 3" x 1/2" wooden skirting to be provided in all visible areas duly polished. The necessary wire managers(SS) to be provided on the tables and provision for lights to be kept if required in the front of the table. All the exposed areas to be duly malamine polished The work to be completed as per design and approval of the Bank. The table should have key board tray and CPU Trolley to be Modular. All as per the design and instructions Bank .				

5.3	RECEPTION TABLE - (5'-6" X 3'0") -May I help U counter				
	IN LAMINATE FINISH	Nos	0.00		
	Providing and making a table of over all size of top as mentioned above and as per design given. It shall consist of 18mm thk. Comm. Ply top finished with Garnite 12 mm thick with edge moulding and a 3 drawer unit with locks, handles etc. on the end of the table as shown in the drawing.(as approved by bank / architect). The drawer unit finished top should be at a lower level of 25mm below the finished counter top. The front modesty panel should be finished 18 mm Comm. ply with laminate (as approved colour / shade) with Metallic laminate. The customer side top should be at a height of 1 feet with 18mm thick ply above which Garnite of approved colour to be provided. The inside of drawer units, and the tables should be finished with laminate of approved shade.				
5.4	ROLLING BLINDS	Sq.Ft.	50		
	Providing and fixing Roller blinds of approved design and shade by the Architect, incl all std fittings as per manufacturer's specification. The work to be completed as per specification and approval of the architect. (approved brand Vista, Hunter Dogulus)				
TOTAL OF TABLE & FURNITURE					
6	STORAGE & SIDE UNIT				
6.1	Side and Back Unit				
	Providing and fixing Side Unit/ Back unit 450 mm depth made out of 19mm Commercial Plywood Board finished with 1.0mm laminate in all exposed areas . The drawers to be made out of 19mm Commercial Plywood Board and clad with 1.0mm laminate and bottom made out of 6mm comm Commercial Plywood Board duly painted in matching tone and it should play on drawer sliding channels. The shutters to be made out of 19mm Commercial Plywood Board and should play on drawer sliding castors on powder coated channels. The necessary locks , handles, etc to be provided. 3" x1/2 wooden skirting to be provided duly polished as per matching tone all along the visible areas. Inside of the unit to be enamel painted in matching tone. All the exposed edges of the boards/Commercial Plywood Board woods to be covered with woden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect.	Sq.Ft.	48		
6.2	LOW HT cabinet UNIT				
	Providing and fixing Full /Low height Cabinet 450mm deep made out of 19mm thk Commercial Plywood Board finished with 1.0mm laminate in all exposed areas. The Shutter to be made out of 19mm Commercial Plywood Board in the front clad with 1.0mm laminate (color, vertical grain) and bottom made out of 6mm Commercial Plywood Board duly painted in matching tone and shelves 19mm thk comm Commercial Plywood Board to fixed inside storage. The shutters to be made out of 19mm Commercial Plywood Board . The necessary locks , handles, etc to be provided. 3" x1/2 wooden skirting to be provided duly polished as per matching tone all along the visible areas. Inside of the unit to be enamel paint finish. All the exposed edeges of the boards to be covered with wooden lippings/mouldings duly polished all complete. All as per the design and instructions Bank.				
	750 mm High	Sq.Ft.	160		
	2400 mm High	Sq.Ft.	120		
6.3	Main Electrical Panel Cabinet	Sq.Ft.	64		
	Providing and fixing of DB Shuttering formed of 12mm thk Commercial Plywood Board wood on 12mm thick Gypsum board (fire Proof) with finish as per Item no 1 for inside and out side shutters finished with laminate on outer surface with SS Handle (4Nos) louvre perforation and necessary hardware, hinges etc complete as per details. All as per the design and instructions Bank.				
	Note - For the purpose of contractor's payment in case of Electrical panel cabinet, only front elevation area shall be measured. BUT the partition shall be erected till soffit of the actual ceiling along with the board concealing the entire area and not just till the false ceiling.				
TOTAL OF STORAGE & SIDE UNIT					
7	OTHER MISCELLANEOUS ITEMS				
7.1	PIN UP / NOTICE BOARD				
	Providing and fixing soft board with necessary framework with 12mm BWR Commercial Plywood Board on top 12 jolly board to be fixed finished with fabric @ Rs80 , with necessary mouldings duly polished along the periferi. All as per the design and instructions Bank.	Sq.Ft.	64		
7.2	PLASTIC EMULSION PAINT	Sq.Ft.	0		
	Applying 2 coat of Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base ect color and shade to give an even and smooth surface on new work including necessary scaffolding, coat of cement primer etc. all complete as per direction of Bank. (Other than banking hall).				

7.3	ENAMEL PAINT				
	Applying 2 or more coats of enamel paint (NEROLAC/ ASIAN) on wooden/ steel doors & windows to give even & uniform surface.	Sq.Ft.	200		
7.4	WRITING LEDGER	NO	1		
	Providing and fixing writing ledger as per design minium 5 ft length made out 19mm comm. board with necessary grove patterns with 1.0mm laminate. 10mm thk machine polished glass to be provided on top of the writing ledger.				
7.5	CHEQUE & SUGGESTION BOX	NO	2		
	Small boxes to be made out of 12mm comm. Commercial Plywood Board along with writing ledge finished with 1.0 mm laminate, inside enamel painted and rate should be included providing fixing of sugestion box & Cheque deposit box as per approval of bank. The work to be completed as per design and approval of the architect.				
7.6	OUTER SHUTTER BOXING	Sq.Ft.	200		
	Providing & Fixing ,framing consisting of 2 1/2" x 1 1/2" Al. framing @ 600 mm c/c both ways horizontally and vertically on the rolling shutter ,providing over 6mm thick A.C.P. sheet, complete with necessary hardware , scaffolding etc.or as directed by the bank.				
7.7	PILLAR & FRONT FACIA ABOVE MAIN ENTRANCE : WOODEN PANELLING				
	Fabricating and fixing wall/column panelling, the framing shall made out of aluminium hollow section of 65mm x 37mm size 1.0mm thick of JINDAL / INDAL at spacing not exceeding 600mm bothways (horizontal and vertical). Panelling framework to be secured to wall surface/column surface.Panelling framework to be clad on one side with 7.5 mm thick MDF Board finished with 1.0mm thk laminate including skirting of 100mm high & 12mm x 12mm groove at skirting level. All as per the design and instructions Bank.				
	COLUMNS, CASH CABIN , MGR CABIN, BANKING HALL	Sq.Ft.	1300		
7.8	VINYL FLOORING	Sq.Ft.	0		
	Supplying & laying of approved brand of scratch proof, semi flexible P.V.C. blended homogeneous marble Vinyl flooring in tiles conforming to IS:3461, fixing with synthetic acrylic adhesive after preparing the floor, levelling & smothaning when necessary with suitable putty, as per the design & instruction of the Engineer-incharge. 2 mm thick. Make Solar Bright, Solutia or equivalent.				
7.9	Flap Door (4" x 4.5") made of 19mm BWP with UGM Frosty White and exposed edges with teakwood beading (Maelamine polish) on two edges with latch and other accessories (hinges , Handle etc)	No	1		
7.10	GLASS SHELVES	Sq.Ft.	28		
	Providing and fixing glass panes / shelves of required sizes with all edges neatly grinded, polished and fixed to the wall surfaces using SS D-brackets. The glass shall be 10mm thk plain glass of approved make. Item shall include all required arrangement / hardwares/ accessories to complete the job upto the satisfaction of bank / Architect.				
7.11	CENTRE TABLE(3 ftx2 ftx1.5 ft)	No	1		
	Providing and making centre table of above mentioned size and as per drg. Table top shall consist of 12 mm thk Float Glass with Champered edge with approved quality etching. The base shall be made up of CP Teak wood frame/19mm thk. Marine ply as Directed by Architect/bank. All exposed faces finished with natural polish (If wooden frames are used0or with 1.0mm thick laminate forr ply. All inner face will be finished wityh natural french polish.				
7.12	DRESSING TABLE FOR STRONG ROOM	No	1		
	Dressing table of size 600mmx450mmx600mm made up of 12 mm thk BWR ply on top and vertical support finished with 1 mm laminate of approved shade and brand with 5 mm thick frame less mirror of size 1200mmx4500mm fixed to wall with SS Studs as per Design and direction of Architect/bank. The table shall have openagle shutter with horizontal shelves in bottom.				
	TOTAL OF OTHER MISCELLANEOUS ITEMS				
	GRAND TOTAL FOR FURNISHING (A)				
	* GST EXTRA AS APPLICABLE				