

ที่ นร (กwp) ๑๓๐๕/ว ๑๙๐๒

สำนักนายกรัฐมนตรี
ทำเนียบรัฐบาล กทม.๑๐๓๐๐

๙ มีนาคม ๒๕๔๔

เรื่อง การจ้างที่ปรึกษาไทยและวิธีปฏิบัติในการขอทราบรายชื่อที่ปรึกษาจาก
สำนักบริหารหนี้สาธารณะ กระทรวงการคลัง

เรียน

สิ่งที่ส่งมาด้วย สำเนาหนังสือสำนักบริหารหนี้สาธารณะ กระทรวงการคลัง
ที่ กค ๐๒๐๖/๓๒๐ ลงวันที่ ๑๓ กุมภาพันธ์ ๒๕๔๔

ด้วยสำนักเลขาธิการคณะรัฐมนตรีแจ้งว่า สำนักเลขาธิการนายกรัฐมนตรี
ได้ขอให้พิจารณาดำเนินการให้ความช่วยเหลือผู้ประกอบการอาชีพวิศกรรมและสถาปัตยกรรม
ที่ได้รับผลกระทบจากภาวะวิกฤติเศรษฐกิจ ตามข้อเสนอของคณะกรรมการพิจารณาหลักเกณฑ์
ในการช่วยเหลือผู้ประกอบการอาชีพงานก่อสร้างและผู้ประกอบการอื่นกับทางราชการที่ได้
รับผลกระทบจากการปรับปรุงระบบการแลกเปลี่ยนเงินตราที่นายกรัฐมนตรีพิจารณาให้
ความเห็นชอบแล้ว รวม ๓ ประการ ซึ่งตามข้อเสนอดังกล่าวประการหนึ่งได้ขอให้แจ้งระเบียบ-
สำนักนายกรัฐมนตรีว่าด้วยการพัสดุ พ.ศ. ๒๕๓๕ และที่แก้ไขเพิ่มเติม ข้อ ๗๕ และข้อ ๗๖
เกี่ยวกับการจ้างที่ปรึกษาไทยเพื่อเป็นการส่งเสริมวิชาชีพสำหรับที่ปรึกษาไทยให้ส่วนราชการ
และรัฐวิสาหกิจถือปฏิบัติโดยเคร่งครัดต่อไป

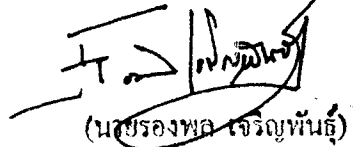
คณะกรรมการว่าด้วยการพัสดุ (กwp.) พิจารณาแล้วเห็นว่า เพื่อให้เป็นไป
ตามข้อเสนอดังกล่าว และเพื่อให้การขอรายชื่อที่ปรึกษาไทยจากศูนย์ข้อมูลที่ปรึกษา กระทรวง-
การคลัง เป็นไปในแนวทางเดียวกัน กwp. จึงอาศัยอำนาจตามระเบียบสำนักนายกรัฐมนตรี
ว่าด้วยการพัสดุ พ.ศ. ๒๕๓๕ และที่แก้ไขเพิ่มเติม ข้อ ๑๒ (๕) ข้อความเข้าใจเกี่ยวกับการ
ดำเนินการจัดจ้างที่ปรึกษา โดยขอให้ส่วนราชการที่มีความประสงค์จะจ้างที่ปรึกษาพิจารณา
ดำเนินการจัดจ้างที่ปรึกษาไทยเป็นหลักตามหลักเกณฑ์ของระเบียบฯ ข้อ ๗๕ เว้นแต่ได้รับ
การยืนยันเป็นหนังสือจากศูนย์ข้อมูลที่ปรึกษา ว่า ไม่มีที่ปรึกษาไทยในสาขาบริการหรืองาน
นั้น และหากเป็นกรณีที่ได้รับการยืนยันว่า ไม่มีที่ปรึกษาไทยและมีความจำเป็นจะต้องจัดจ้าง
ที่ปรึกษาต่างประเทศ ให้ส่วนราชการพิจารณาจัดให้มีบุคลากรไทยร่วมงานด้วยไม่น้อยกว่า
ร้อยละห้าสิบของจำนวนคน - เดือน (man - months) ตามหลักเกณฑ์ของระเบียบฯ ข้อ ๗๖

นอกจากการจ้างที่ปรึกษาที่ดำเนินการด้วยเงินช่วยเหลือ หรือเงินกู้จากแหล่งที่กำหนดให้ ดำเนินการจ้างโดยวิธีอื่น แล้วแต่กรณี

สำหรับในการขอรายชื่อที่ปรึกษาจากศูนย์ข้อมูลที่ปรึกษากระทรวงการคลัง ให้ส่วนราชการถือปฏิบัติตามหลักเกณฑ์หรือวิธีปฏิบัติของส่วนราชการในการขอทราบรายชื่อ ที่ปรึกษา ตามหนังสือสำนักบริหารหนี้สาธารณะ กระทรวงการคลัง ที่ กค ๐๒๐๖/๓๒๐ ลงวันที่ ๑๓ กุมภาพันธ์ ๒๕๔๔ ดังรายละเอียดปรากฏตามสิ่งที่ส่งมาด้วย โดยเคร่งครัดด้วย

จึงเรียนมาเพื่อโปรดทราบ และแจ้งให้ส่วนราชการในสังกัดทราบ และถือปฏิบัติต่อไปด้วย

ขอแสดงความนับถือ



(นายรองพล เจริญพันธุ์)

รองปลัดสำนักนายกรัฐมนตรี ปฏิบัติราชการแทน
ปลัดสำนักนายกรัฐมนตรี

คณะกรรมการว่าด้วยการพัสดุ

ฝ่ายเลขานุการ

โทร. ๒๘๒๕๘๒๗, ๒๘๒๕๔๑๒

โทรสาร ๒๘๒๗/๘๙๖



ที่ กค 0206/ 330

สำนักบริหารหนังสือสารณะ

กระทรวงการคลัง

ถนนพระราม 6 กท. 10400

๒๐ กุมภาพันธ์ 2544

เรื่อง หลักเกณฑ์หรือวิธีปฏิบัติของส่วนราชการในการขอทราบรายชื่อที่ปรึกษา

เรียน ปลัดสำนักนายกรัฐมนตรี

อ้างถึง หนังสือสำนักนายกรัฐมนตรี ที่ นร 1305/416 ลงวันที่ 18 มกราคม 2544

สิ่งที่ส่งมาด้วย หลักเกณฑ์หรือวิธีปฏิบัติของส่วนราชการในการขอทราบรายชื่อที่ปรึกษา จำนวน 1 ชุด

ตามหนังสือที่อ้างถึง สำนักนายกรัฐมนตรี ขอให้สำนักบริหารหนังสือสารณะแจ้งยืนยันหลักเกณฑ์หรือวิธีปฏิบัติของส่วนราชการในการขอทราบรายชื่อที่ปรึกษาที่เป็นปัจจุบัน ก่อนที่จะมีการแจ้งเวียนให้ส่วนราชการต่าง ๆ ทราบและถือปฏิบัติต่อไป ความละเอียดแจ้งแล้ว นั้น

สำนักบริหารหนังสือสารณะขอเรียนว่า กระทรวงการคลังได้จัดตั้งสำนักบริหารหนังสือสารณะ โดยได้โอนงานบางส่วนในสังกัดสำนักงานเศรษฐกิจการคลัง มาสังกัดสำนักบริหารหนังสือสารณะตามนัยมติคณะรัฐมนตรี เมื่อวันที่ 21 กันยายน 2542 ทั้งนี้ ได้มีผลใช้บังคับตั้งแต่วันที่ 1 ตุลาคม 2542 เป็นต้นมา ดังนั้น จึงขอเรียนชี้แจงถึงหลักเกณฑ์หรือวิธีปฏิบัติของส่วนราชการในการขอทราบรายชื่อที่ปรึกษาดังปรากฏตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ

นางประภาดา สารนุสิต

(นางประภาดา สารนุสิต)

นักวิชาการคลัง 9 ชช. ด้านหนังสือสารณะและเงินคงคลัง

ปฏิบัติหน้าที่ผู้อำนวยการสำนักบริหารหนังสือสารณะ

สำนักนโยบายและแผน

ศูนย์ข้อมูลสารสนเทศ

โทร. 2739020 ต่อ 3412,3403

หลักเกณฑ์หรือวิธีปฏิบัติของส่วนราชการในการขอทราบรายชื่อที่ปรึกษา

รายชื่อที่ปรึกษาในฐานะข้อมูลของศูนย์ข้อมูลที่ปรึกษา กระทรวงการคลังได้จัดไว้เป็นหมวดหมู่ในระบบ DAICON-Data On Consultant ซึ่งเป็นระบบข้อมูลที่ปรึกษาสากลที่ได้มีการปรับเปลี่ยนให้เหมาะสมสำหรับกลุ่มที่ปรึกษาไทยแล้ว โดยแยกออกเป็น 15 สาขา (ตามเอกสารแนบ) โดยในเบื้องต้นหากส่วนราชการต้องการทราบรายชื่อทั้งหมดที่ขึ้นทะเบียนไว้กับศูนย์ข้อมูลที่ปรึกษา สามารถดูรายละเอียดได้ที่ Web Site ของสำนักบริหารหนี้สาธารณะที่ www.pdmo.mof.go.th ในส่วนของ "ศูนย์ข้อมูลที่ปรึกษาไทย" หัวข้อ "The list of Thai Consultant" แต่ถ้าส่วนราชการมีความประสงค์ต้องการทราบรายชื่อที่ปรึกษาที่มีความเชี่ยวชาญเฉพาะด้าน ส่วนราชการสามารถขอรายชื่อที่ปรึกษาจากศูนย์ข้อมูลที่ปรึกษาได้ ตามขั้นตอนดังต่อไปนี้

1. ให้ส่วนราชการที่ประสงค์จะขอรายชื่อที่ปรึกษาทำหนังสือถึงสำนักบริหารหนี้สาธารณะ โดยให้ระบุ Sector, Specialization และ Services codes หรือระบุอย่างใดอย่างหนึ่งที่ ต้องการมาเอง โดยสามารถดูรายละเอียดของหมวดหมู่ดังกล่าวได้จากข้อมูลใน Web Site ข้างต้น ในหัวข้อ Sectors of Specialization และ Types of Services หรือสอบถามจากศูนย์ข้อมูลที่ปรึกษาได้โดยตรง

2. หากส่วนราชการใดไม่สามารถระบุหมวดหมู่เองได้ ให้ระบุความเชี่ยวชาญของที่ปรึกษา ในด้านที่ต้องการหรือด้านอื่น ๆ ที่เกี่ยวข้อง, วัตถุประสงค์ของการว่าจ้างและคุณสมบัติของ ที่ปรึกษาที่ต้องการมาอย่างชัดเจน หรืออาจแนบข้อกำหนดงาน (Terms of Reference) เพื่อให้ ศูนย์ข้อมูลที่ปรึกษาพิจารณาได้อย่างถูกต้องตรงตามความต้องการ

3. หากส่วนราชการที่ได้รับรายชื่อที่ปรึกษาไทยจากศูนย์ข้อมูลที่ปรึกษาแล้วพิจารณาเห็นว่าที่ปรึกษาดังกล่าวไม่มีคุณสมบัติหรือประสบการณ์ที่สอดคล้องกับความต้องการ ให้ส่วนราชการ ดังกล่าวส่งเรื่องมาให้ศูนย์ข้อมูลที่ปรึกษาพิจารณาตรวจสอบโดยละเอียดอีกครั้ง เนื่องจากอาจมี รายชื่อที่ปรึกษามาจดทะเบียนเพิ่มเติมและจะเป็นการช่วยให้ศูนย์ข้อมูลที่ปรึกษาได้ทำการ ประเมินและติดตามผลของข้อมูลที่ปรึกษาในฐานะข้อมูลไปในตัวอีกทางหนึ่งด้วย

4. ศูนย์ข้อมูลที่ปรึกษาจะออกหนังสือยืนยันว่าไม่มีที่ปรึกษาไทยในสาขาหรืองานนั้น ในกรณีดังต่อไปนี้

4.1 ไม่มีสาขาบริการหรืองานนั้น ๆ อยู่ในระบบฐานข้อมูล ซึ่งเป็นงานที่ต้องมีความเชี่ยวชาญเฉพาะที่มีผลต่อความมั่นคงของประเทศ และมีความเสี่ยงสูง เช่น บริการทางด้านการทหาร เป็นต้น

4.2 เมื่อได้ตรวจสอบแล้วว่าไม่มีที่ปรึกษาของไทยที่สามารถดำเนินงานในฐานะที่ปรึกษาในสาขาบริการหรืองานที่ส่วนราชการนั้น ๆ ต้องการอย่างแท้จริง

อย่างไรก็ตาม บางครั้งการจัดหมวดหมู่ความเชี่ยวชาญของระบบฐานข้อมูลที่ปรึกษาอาจไม่ตรงกับความเชี่ยวชาญเฉพาะด้านที่ส่วนราชการขอรายชื่อมา ซึ่งศูนย์ข้อมูลที่ปรึกษาก็จะจัดส่งรายชื่อที่ปรึกษาในด้านที่เกี่ยวข้อง ให้ส่วนราชการนั้นพิจารณาว่ามีศักยภาพเพียงพอที่จะทดแทนกันได้ หรือไม่

SECTORS OF SPECIALIZATION

CODES	SECTORS
AG	Agriculture And Rural Development Sector
CO	Construction Industry Development Sector
ED	Education Sector
EG	Energy Sector
EV	Environment Sector
HE	Health Sector
IN	Industry Sector
PO	Population Sector
TE	Telecommunication Sector
TO	Tourism Sector
TR	Transportation Sector
UD	Urban Development Sector
WS	Water Supply And Sanitation Sector
MS	Miscellaneous Sector
FI	Financial Sector

ACRONYMS FOR INTERNATIONAL/REGIONAL/BILATERAL AND OTHER LENDING/FINANCING INSTITUTIONS

1 INTERNATIONAL INSTITUTIONS

FAO	Food And Agricultural Organization
IBRD	International Bank For Reconstruction And Development
ICAO	International Civil Aviation Organization
IDA	International Development Association
IAD	International Fund For Agricultural Development
IFC	International Finance Corporation
ILO	International Labor Office
IMCO	Inter-Governmental Maritime Consultative Organization
UN	United Nations
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific And Cultural Organization
UNIDO	United Nations Industrial Development Organization
WHO	World Health Organization

2 REGIONAL INSTITUTIONS

ADB	Asian Development Bank
AfDB	African Development Bank
EEC	European Economic Community (European Development Fund)
EB	European Investment Bank
IDB	Inter-American Development Bank
OECD	Organization For Economic Cooperation & Development

SPECIFIC AREA INSTITUTIONS

CIE	Banco Centroamericano De Integracion Economica
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CAF	Corporacion Andina De Fomento
DB	Caribbean Development Bank

BILATERAL INSTITUTIONS (by country)

DAB	Australian Development Assistance Bureau
KA-IV	Bundeskantzieramt - IV Sektion (Gruppe Entwicklungshilfe)
GDZ	Administration Générale de la Cooperation et du Développement
IDA	Canadian International Development Agency
IRC	International Development Research Center
FINIDA	Danish International Development Agency

FINIDA	Finnish International Development Agency
CCCE	Caisse Centrale de Cooperation Economique, Ministry of Cooperation
FAC	Fonds d'Action de Cooperation, Ministry of Cooperation
COFACE	Compagnie Francaise d' Assurance pour le Commerce Exterieur, Ministry of Finance
BMZ	Bundesministerium fur Wirtschaftliche Zusammenarbeit
DEG	Deutsche Gesellschaft fur Wirtschaftliche Zusammenarbeit (Entwicklungs Gesellschaft) mbH
GTZ	Deutsche Gesellschaft fur Technische Zusammenarbeit mbH
KfW	Kreditanstalt fur Wiederaufbau
DGAE	Directorate General for Economic Affairs (Department of Technical cooperation), Ministry of Foreign Affairs
JICA	Japanese International Cooperation Agency
OECD	Overseas Economic Cooperation Fund
EXIMJ	Export/Import Bank of Japan
DGIS	Directorate General for International Cooperation (Department of Technical Assistance) Ministry of Foreign Affairs
NORAD	Norwegian Agency for International Development
BEE	Banco Exterior de Espana
SIDA	Swedish International Development Authority
DDA	Bureau of Development Cooperation and Relief Aid, Federal Department of Foreign Affairs
ODA	Overseas Development Administration
CDC	Commonwealth Development Corporation
USAID	United States Agency for International Development
EXIMUS	Export/Import Bank of The United States
OPIC	Overseas Private Investment Corporation

5 PREINVESTMENT/PLANNING INSTITUTIONS (BY COUNTRY)

SPAG	Secretaria de Planeamiento y Accion de Gobierno
INALPRE	Instituto Nacional de Preinversion
FINEP	Financiadora de Estudos e Projetos
FONADE	Fondo Nacional de Proyectos de Desarrollo
CORFO	Corporacion de Fomento a la Produccion
ODEPLAN	Oficina de Planificacion Nacional
OPPE	Oficina de Planificacion y Politica Economica
FEP	Fondo Para Estudios de Preinversion
ONP	Oficina Nacional de Planificación
FONAPRE	Fondo Nacional de Preinversion

ACRONYMS FOR INTERNATIONAL/REGIONAL/BILATERAL AND OTHER LENDING/FINANCING INSTITUTIONS

JUNAPLAN	Junta Nacional de Planificacion	6. ARAB AND RELATED DEVELOPMENT FUNDS	
FOSEP	Fondo Salvadorena de Estudios de Preinversion	(BY COUNTRY)	
FONAP	Fondo Nacional De Preinversion	OPECSP	Organisation of Petroleum Exporting Countries Special Fund
CORFINA	Corporacion Financiera Nacional	FAATA	Fund for Arab-African Technical Assistance
COHDEFOR	Corporacion Hondurena De Desarrollo Forestal	EIFD	External Iraq Fund for Development
JDB	Jamaica Development Bank	KFAED	Kuwait Fund for Arab Economic Development
MFPD	Ministry of Finance Projects Division	AFESD	Arab Fund for Economic and Social Development
FONEP	Fondo Nacional de Estudios de Preinversion	OAPECS	Organization for Arab Petroleum Exportir Countries Special Account
STFP	Secretaria Tecnica del Fondo de Preinversion	IsDB	Islamic Development Bank
BNF	Banco Nacional de Fomento	SFD	Saudi Fund for Development
FNP	Fondo Nacional de Preinversion	AOAD	Arab Organization for Agricultural Development
STFONP	Secretaria Tecnica de Planificacion Oficina Nacional de Proyectos	BADEA	Arab Bank for Economic Development in Africa
COFIDE	Corporacion Financiera de Desarrollo	SAFA	Special Arab Fund for Africa
INDUPERU	Industrias del Peru	AMF	Arab Monetary Fund
INP	Instituto Nacional de Planificacion	ADFAED	Abu Dhabi Fund for Arab Economic Development
CTB	Central Tenders Board		
MPD	Ministry of Planning and Development		
BROU	Banco de la Republica Oriental del Uruguay		
CVF	Corporacion Venesolana de Fomento		

TYPES OF SERVICES (TABLE OF CODES)

CODES	TYPES OF SERVICES	CODES	TYPES OF SERVICES
1a	Aerial Surveys, Satellite Imagery		(on Behalf of Owner)
1b	Geological Surveys	5e	Technical Assistance and Advisory Services
1c	Geophysical Surveys	5f	Turnkey Operations
1d	Hydrological Survey	5g	Start-Up Operations
1e	Hydrographic Surveys	5h	Special Personnel Recruitment
1f	Soil Surveys	5i	Materials Testing
1g	Topographic Surveys		
1h	Resources Surveys	6a	Product And Production Technology
1i	Hydrogeological Surveys	6b	Production Management
1j	Quality Surveys & Modelling	6c	Process Evaluation And Selection
1k	Climatological Surveys	6d	Quality Control
2a	Sector Studies	6e	Marketing And Distribution
2b	Policy Studies	6f	Packaging And Storage
2c	Regional Development Plans	6g	Warehousing And Inventory Control
2d	Project Identification Studies	6h	Physical Distribution And Shipping
2e	Disaster/Emergency Planning	6i	Export/Import Inspection
3a	Planning Studies	7a	Operations And Maintenance
3b	Feasibility Studies	7b	Maintenance Planning
3c	Market Studies	7c	Equipment/Plant Rehabilitation
3d	Economic Studies	7d	Plant/Factory Rehabilitation
3e	Financial Studies	7e	Civil Works Rehabilitation
3f	Tariff Studies		
3g	Technical Studies	8a	Accounting/Auditing
3h	Operations Studies	8b	Information Systems And Computer Processing
3i	Environmental Studies	8c	Computer Technology
3j	Sociological Studies	8d	Information Technology Consultancy
3k	Research Design/Evaluation	8e	Management Information Systems
3l	Risk Management Advice	8f	Automation Strategy Studies
3m	Project Related Insurance	8g	Tender Formulation For Hardware/Software
3n	Project Financing Advice	8h	Computer Systems Design & Implementation
4a	Design--Architectural,Engineering, Industrial,Etc.	8i	Microcomputing & Office Technology
4b	Soil Mechanics And Foundation Engineering	9a	Institutional Strengthening/Restructuring
4c	Hydraulics Studies And Engineering	9b	Management Advisory Services
4d	Earthquake Engineering	9c	Management Studies
4e	Sabo (Landslide Protection) Engineering	9d	Organizational Development Studies
4f	Quantity Surveying, Cost Estimating	9e	Manpower Requirements Studies
4g	Estimation, Preparation of Contract Documents and Bid Evaluation	9f	Training And Transfer Of Technology
4h	Structural Engineering	9g	Project Post-Evaluation - - -
5a	Procurement Services	9h	Project Monitoring And Evaluation
5b	Supervision/Inspection of Construction	9i	Legal Services
5c	Supervision/Inspection of Equipment Installation		
5d	Project Management/Administration		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

AG - AGRICULTURE AND RURAL DEVELOPMENT SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
A100	Climate/Regional Specialization	A502a	River/Lake
A101	Tropical	A502b	Wall
A102	Semi-Arid	A503	Irrigation/Drainage Networks
A103	Arid	A504	Sprinkler Irrigation Systems
A104	Temperate	A505	Drip Irrigation Systems
A105	Mediterranean	A506	Irrigation Water Management
A200	General	A507	Irrigation Field Practices
A201	Agricultural Development Planning	A508	Flood/River Control Works
A202	Rural Development Planning	A509	Erosion Control/Soil Conservation
A203	Agricultural Censuses And Statistics	A510	Land Reclamation/Rehabilitation Works
A204	General Agricultural Production	A511	Groundwater Development
A205	Agricultural Training	A512	Well Drilling/Pumping
A300	Land Resources Appraisal/Use	A513	Land Drainage/Canals
A301	Drainage Surveys And Evaluation	A514	Piped Water Distribution Networks
A301a	Land Drainability	A515	Rural Housing And Home Improvements
A301b	Drainage Requirements	A516	Rural Community Centers
A302	Land Classification	A517	Rural Markets And Godowns
A303	Land Use/Capability Studies	A518	Grain Storage And Drying
A304	Land Suitability For Irrigation	A519	Cold Storage
A304a	Field Characteristics	A520	Slaughter Houses
A304b	Laboratory Characteristics	A521	Agro-Industry Processing Facilities
A305	Land Use Planning	A522	Cattle Feed Industry Facilities
A305a	Regional	A523	Farm Buildings And Other Structures
A305b	Farm-Scale	A600	Social Infrastructure
A306	Land Legislation/ Tenure	A601	Land Settlement
A307	Land Reform And Farm Consolidation	A602	Community Development/Participation
A308	Land Reclamation/Rehabilitation/ Conservation/Consolidation Studies	A603	Rural Socio-Cultural Factors
A309	Range Management	A604	Rural/Farmer Organizations
A310	Wildlife Management	A605	Social Extension
A311	Farm Management	A607	Nutrition
A400	Water Resources Appraisal/Use	A607a	Food Production
A401	Water Resources Appraisal	A607b	Food Processing Technology/Engineering
A401a	Surface Water	A607c	Quality Control
A401b	Ground Water	A607d	Packaging
A402	Water Measurement	A607e	Storage/Distribution
A403	Water Quality/Characteristics	A607f	Pricing
A404	Water Suitability For Irrigation	A607g	Nutrition Education
A405	Water Requirements For Irrigation	A607h	Home Gardens
A406	Water Use Planning	A607i	Pilot Farms, Test Farms, Etc.
A407	Watershed Management	A700	Credit And Institutions
A408	Operation And Maintenance Of Irrigation Systems	A701	Agricultural Credit In General
A500	Physical Infrastructure	A702	Non-Farm Credit
A501	Gravity Irrigation Systems	A703	Development Banking
A501a	Dam (Storage)	A704	Commercial Banking
A501b	Diversion	A705	Cooperative Credit
A502	Pump Irrigation Systems	A706	Resource Mobilization/Saving Institutions
		A707	Institutions-Organization And Management
		A708	Development Corporations

FIELDS OF SPECIALIZATION (TABLE OF CODES)

AG - AGRICULTURE AND RURAL DEVELOPMENT SECTOR

CODE'S	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
A709	Marketing Organizations/Systems	A1104a	Chemical
A710	Supplies/Services Organizations	A1104b	Biological
A711	Cooperative Organizations	A1105	Mammalian Pest Control
A712	Crop/Livestock Insurance	A1200	Livestock Service
A713	Extension Services - Organization And Management	A1201	Animal Health
A714	Agricultural Research Services - Organization And Management	A1202	Animal Nutrition
A800	Rural Non-Farm Production	A1203	Fodder Production/Conservation
A801	Medium & Small-Scale Enterprises	A1204	Breeding And Genetics
A801a	Handicrafts	A1205	Hides And Skins
A801b	Blacksmiths	A1206	Livestock Surveys
A801c	Carpenters	A1207	Livestock Transport
A801d	Mining	A1208	Livestock Infrastructure
A801e	Personal Services	A1209	Livestock Management
A801f	Nutrition	A1300	Forestry
A801g	Transport Services	A1301	Forest Economics
A801h	Repair Services	A1302	Forest Inventories
A801i	Mini Industrial Estates	A1303	Forest Planning
A802	Management Of Small Enterprises	A1304	Forest Hydrology
A803	Non-Farm Extension	A1305	Catchment Area Development
A804	Research And Demonstration	A1306	Logging/Forestry Roads
A900	Farm Mechanisation	A1307	Forestry Plantations
A901	Land-Forming And Earth-Moving	A1308	Forest Management - General
A902	Clearing	A1309	Forest Pest Control
A903	Cultivation	A1310	Tree Nursery Management
A904	Crop Protection	A1311	Logging Operations/Sawmilling
A905	Harvesting	A1312	Plywood, Particle Board, Etc., Industries
A906	Processing	A1313	Pulp And Paper Industries
A907	Materials Handling	A1314	Other Wood-Products Industries
A908	Farm Implement - Smallholders	A1315	Marketing
A909	Repair/Maintenance Workshops	A1316	Forestry Institutions
A1000	Seeds	A1317	Forestry Research
A1001	Production/Harvesting	A1318	Forestry Energy
A1002	Drying/Processing	A1400	Fisheries
A1003	Scarifying/Pelletizing	A1401	Fisheries Development Policy
A1004	Teating/Quality Control	A1402	Fisheries Resources Evaluation
A1005	Certification/Legislation	A1403	Fishing Operations
A1006	Distribution/Marketing	A1404	Fishing Vessels And Engines
A1100	Pest/Disease/Weed Control	A1405	Fishing Gear And Equipment
A1101	Integrated Pest Management	A1406	Fish Processing
A1102	Entomology	A1407	Refrigeration
A1102a	Field Crops	A1408	Handling And Packaging
A1102b	Tree Crops	A1409	Onshore Facilities
A1103	Plant Pathology	A1410	Marketing
A1103a	Field Crops	A1411	Aquaculture
A1103b	Tree Crops	A1412	Fishing Ports
A1104	Weed Control	A1413	Research
		A1414	Extension

FIELDS OF SPECIALIZATION (TABLE OF CODES)

CO - CONSTRUCTION INDUSTRY DEVELOPMENT SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
B100	General		And Training
B101	Institution Building	B301	Development Of Appropriate Construction Technology
B102	Contractors' Trade Associations	B301a	Labor-Based Construction And Maintenance Methods
B103	Labor Issues, Labor Organizations	B301b	Low-Cost Construction Techniques
B200	Construction Management	B302	Equipment
B201	Force Account, Department Capacity Development	B302a	Mechanical
B202	Development Of Construction Capacity of Community Organizations	B302b	User
B203	Corporate/Firm Management	B302c	Rental (Equipment, Pools)
B203a	General	B303	Materials
B203b	Technical	B303a	Use Of Domestic Materials
B203c	Commercial	B304	Training
B204	Site Management, Work Execution	B304a	Management
B204a	Buildings	B304b	Trades
B204b	Civil Works	B400	Finance, Insurance And Bonding
B304c	Special Works (Industrial Plants, etc.)	B401	Financial Institutions, Bonding, Insurance
B205	Construction Engineering	B401a	Credit
B206	Contractor Training	B401b	Contractors' Bonding
B207	Management Of Office Relocation	B401c	Contractors' Insurance
B300	Technology, Equipment, Materials	B401d	Financing Of Equipment Pools

FIELDS OF SPECIALIZATION (TABLE OF CODES)

F&D - EDUCATION SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
C100	General		Joinery And Drafting
C101	Education Economics and Financing (Including Rate Of Return, Cost Benefit And Cost Effectiveness Analysis)	C304c	Civil/Building Trades: Structures, Masonry And Plumbing
C102	Education Macro-Administration	C304d	Soil Mechanics And Surveying
C103	Demography/School Mapping	C304e	Mechanical Trades: General
C104	Rural Education/Development	C304f	Mechanical Trades: Metalworks And Workshops Practice
C105	Evaluation (Including; Tracer Studies Research Methodology And School Effect Production Function Studies)	C304g	Mechanical Trades: Heat Engines (Includes Motor Vehicle/Auto Mechanics), Thermodynamics, And Hydraulics
C106	Education Statistics	C304h	Mechanical Trades: Strength Of Materials, Testing And Metrology
C107	Literacy Training	C304i	Electrical Trades: General
C108	Education Systems	C304j	Electrical Trades: Generation, Transmission, Distribution And Utilization Of Electrical Energy
C109	Public & Civil Service Administration		
C200	School Planning (Micro)	C304k	Electrical Trades: Electronics, Telephony, Digital Techniques, Radio And TV Technology
C201	School Organization/Administration		
C202	Facilities Planning (Not Design Of Building)	C304l	Catering (Hotel Trades)
C300	School Planning (Micro): Curriculum Development And/Or Development Of Instructional Equipment Needs	C304m	Printing
C301	Sciences - University Level	C304n	Textile Trades
C302	Sciences - Secondary School Level	C304o	Business Studies And Office Machines
C303	Technical/Industrial/Vocational University Level	C305	Agricultural - University Level
C303a	Civil Engineering: General	C305a	General Agriculture (Including Agronomy, Plant Pathology, Soil Science, Plant Breeding, And Farm Mechanics)
C303b	Civil Engineering: Soil Mechanics		
C303c	Civil Engineering: Structures	C305b	Horticulture
C303d	Civil Engineering: Surveying And Drafting	C305c	Irrigation Engineering
C303e	Mechanical Engineering: General	C305d	Soil Conservation
C303f	Mechanical Engineering: Thermo-Dynamics	C305e	Agricultural Mechanization
C303g	Mechanical Engineering: Fluid Mechanics	C305f	Agricultural Economics
C303h	Mechanical Engineering: Materials And Metrology	C305g	Livestock Production
C303i	Electrical Engineering: General	C305h	Veterinary Medicine
C303j	Electrical Engineering: Heavy Current (Electrical Machines And Distribution Systems)	C305i	Forestry
C303k	Electrical Engineering: Electrical Technology	C305j	Fisheries
C303l	Electrical Engineering: Electronics, Communications And Digital Techniques	C305k	Agricultural Credit
C303m	Chemical Engineering	C305l	Agricultural Cooperatives
C303n	Accounting & Business Administration	C305m	Agricultural Education
C304	Technical/Industrial Vocational Secondary And Post-Secondary Sub-Professional Level	C305n	Agricultural Management (Including Project Management And Farm Management)
C304a	Civil/Building Trades: General	C306	Agriculture - Secondary School Level
C304b	Civil/Building Trades: Carpentry,	C307	Agriculture - Rural Extension Personnel Training
		C307a	Tree Crops
		C307b	Rainfed Crops
		C307c	Irrigated Crops
		C307d	Range Livestock
		C307e	Intensive Livestock

FIELDS OF SPECIALIZATION (TABLE OF CODES)

ED - EDUCATION SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
C307f	Dairy Products Livestock	C401	Technical/Vocational Teachers' Training
C307g	Farm Planning/Management	C402	Primary Teacher Education
C307h	Vocational Training	C403	Secondary Teacher Education
C307i	Tropical Forestry	C404	Training Of Educational Administrators, Supervisors, Planners, Etc
C307j	Plantation Forestry	C500	Education Materials, Media And Techniques
C307k	Marine Fisheries	C501	Textbook Production
C307l	Riverine Fisheries	C502	Teaching/Learning Materials Production
C307m	Pond Culture Fisheries	C503	Distance Learning
C308	Education Of The Handicapped	C504	Audio-Visual Aids
C309	Primary Education	C505	Educational Radio And Television
C310	Secondary Education	C506	Correspondence Learning
C311	Accounting Education	C507	Educational Research
C312	Non-Formal Adult Education	C600	Educational Facilities Design Architectural
C313	School Performance Monitoring	C601	Design Of Buildings
C314	Guidance And Counselling	C700	Campus Development Planning Architectural
C400	Teacher Training	C701	University Master Planning

FIELDS OF SPECIALIZATION (TABLE OF CODES)

EG -ENERGY SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
D100	General	D302	Geophysics (Including Geophysical Surveys)
D101	Energy Demand Forecasting	D303	Drilling Engineering
D102	Energy Economics	D303a	Onshore
D103	Energy Planning	D303b	Offshore
D104	Energy Pricing, Tariff Structuring	D304	Production Engineering
D105	Energy Related Training	D304a	Onshore
D106	Energy Conservation	D304b	Offshore
D106a	Households	D305	Reservoir Engineering
D106b	Industrial	D306	Enhanced Recovery
D106c	Transport	D307	Oil And Gas Production
D106d	Building	D307a	Conventional Onshore
D106e	Power Transmission	D307b	Conventional Offshore
D200	Electric Power	D307c	Unconventional
D201	Power System Analysis And Planning	D308	Pipelines/Transmission
D202	Power System Operation	D308a	Crude Oil
D203	Power System Automation (Control Dynamic, Simulation, etc.)	D308b	Refined Petroleum Products
D204	Power Generation - Hydroelectric	D308c	Natural Gas
D205	Power Generation - Conventional Thermal	D308d	LPG
D205a	Steam Plants	D308e	Petrochemicals
D205b	Internal Combustion Plants (Gas Turbines)	D309	Petroleum Refineries
D205c	Diesel Plants	D309a	Process Design
D206	Power Generation - Nuclear	D309b	Refinery Construction
D207	Power Generation - Other	D309c	Refinery Operation
D207a	Combined-Cycle Plants	D309d	Marketing And Distribution
D207b	Power Plant Conversion	D310	Petroleum Storage/Terminals
D208	Power Transmission Systems	D311	Off-Shore Facilities
D208a	Extra High Voltage (Over 220 K.v.)	D311a	Platform Design
D208b	Low And Medium Voltage	D311b	Foundation Studies
D208c	Extra High Voltage Substations	D311c	Operation
D208d	Low And Medium Voltage Substations	D311d	Support Services
D208e	HVDC Transmission	D311e	Submarine Pipelines
D209	Power Distribution Systems	D312	Gas Treatment/Processing
D210	District Heating And Co-Generation	D313	Gas Distribution
D211	Industrial Power Systems	D313a	Domestic Systems
D212	Tariffs/Pricing And Load Management	D313b	Industrial Systems
D213	Electric Utilities Management	D313c	Conversion To Gas Fuel
D213a	Organizational/Institutional	D314	Liquefied Natural Gas (LNG)
D213b	Accounting Systems	D314a	Liquefaction
D213c	Auditing Systems	D314b	Storage
D213d	Reporting Systems	D314c	Pipeline Transport And Terminals
D213e	Statistical Systems	D314d	Tanker Transport
D213f	Computerized Systems	D315	Equipment
D213g	Management Performance Evaluation System	D315a	Exploration
D214	Rural Electrification	D315b	Production
D300	Oil And Gas	D315c	Transportation
D301	Petroleum	D315d	Refining
		D315e	Distribution

FIELDS OF SPECIALIZATION (TABLE OF CODES)

EG -ENERGY SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
D316	Legal Services	D406	Coal Chemistry
D317	Concession Negotiations	D407	Coal Marketing
D318	Petroleum Exploration	D500	Miscellaneous And Renewable Energy
D400	Coal/Lignite/Anthracite	D501	Geothermal Energy
D401	Coal Geology, Exploration And Reserve Evaluation	D501a	Geothermal Drilling And Prospecting
D402	Open-Pit Mining	D501b	Geothermal Reservoirs And Gathering
D403	Underground Mining And Preparation Plants	D501c	Geothermal Hydrology
D404	Coal Handling And Transport	D502	Solar Energy
D405	Coal Processing	D503	Bio-Mass Energy
D405a	Coke Manufacturing	D504	Wind Energy
D405b	Coal Tar Processing	D505	Tidal Energy
D405c	Coal Gasification	D506	Oil Shale Processing
D405d	Synthetic Liquid Fuels	D507	Tar Sands Processing
		D508	Wood And Vegetable Fuels

FIELDS OF SPECIALIZATION (TABLE OF CODES)

EV - ENVIRONMENT SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
E100	General	E201	Air Pollution
E101	Environmental Policies	E202	Water Pollution
E101a	Environmental Policies, General	E203	Soil Pollution
E101b	Environmental Legislation	E204	Solid Waste Disposal
E101c	Environmental Institution Building	E205	Toxic/Hazardous Waste Disposal
E101d	Environmental Standards	E206	Noise
E102	Environmental Surveys And Environmental Impact Appraisal	E207	Occupational Health And Safety
E102a	Topography And Geology	E208	Industrial Pollution
E102b	Atmosphere	E209	Pesticides
E102c	Surface And Underground Water	E300	Environmental Protection Specialties
E102d	Sea	E301	Mineral/Coal Mining Impacts
E102e	Ecology	E302	Environmental Issues In Forestry
E102f	Landscape	E303	Marine Biology
E102g	Noise	E304	Coastal Zone Management
E102h	Inhabitants	E305	Salvage/Protection Of Historic And Cultural Monuments
E102i	Economy	E306	Protection Of Wildlife
E102j	Environmental Impact Assessment	E307	Urban Environmental Planning
E102k	Remote Sensing	E308	Resettlement
E102l	Mapping Of Ecologically Sensitive Areas	E309	Landscape Engineering
E103	Environmental Training	E310	Socio-Cultural Issues
E200	Environmental Protection Measures		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

HE - HEALTH SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
F100	Health System Planning/Organization	F307	Dental Health
F101	National Health Planning	F308	Mental Health
F102	Logistics Design	F309	Nutrition (Health Aspects)
F103	Financial Systems Design	F310	Health Education
F104	Intersectoral Planning	F311	Pharmaceuticals Supply
F105	Organization/Administration/Management	F312	Community Participation
F106	Manpower Planning	F313	School Health
F107	Information/Data Systems Design	F314	Public Health, General
F108	Health Related Training	F400	Manpower Development
F200	Health Care Infrastructure	F401	Physicians/Dentists
F201	Hospital Design	F402	Nurses/Midwives
F202	Primary Care (Rural/Urban) Facilities Design	F403	Health Administrators/Managers
F203	Training Facility Design	F404	Pharmacists
F204	Equipment/Vehicles	F405	Field Educators, Home Visitors
F205	Telecommunication (For Health Service)	F406	Auxiliaries
F206	Maintenance/Repair Systems	F407	Volunteers
F207	Pharmaceuticals/Supplies Distribution Systems	F408	Instructional Program Design
F208	Cold Storage Of Vaccines (Cold Chain) Design	F409	In-Service Training Development
F209	Health Education Materials Production Center Design	F410	Traditional Health Manpower Integration
F210	Health Facilities Architecture And Building Services	F411	Supervision Systems Design
F300	Health Service Delivery	F500	Monitoring, Evaluation, Research
F301	Primary Health Care	F501	Epidemiology
F302	Occupational Health	F502	Anthropology/Sociology(Medical)
F303	Environmental Health (Including Water Supply And Sanitation Systems)	F503	Financial/Economic Analysis
F304	Tropical Diseases And Vector Control	F504	Evaluation Systems Design
F305	Non-Communicable Disease Control	F505	Operations Research
F306	Maternal-Child Health	F506	Health Service Research And Information Systems
		F507	Health Economics

FIELDS OF SPECIALIZATION (TABLE OF CODES)

IN - INDUSTRY SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
G100	Minerals - General	G501	Development of Domestic Markets
G102	Minerals Economics	G502	Development of Export Markets
G103	Mineral Pricing, Marketing and Distribution	G503	Tariffs and Trade Restraints
G104	Mineral Exploration Funds	G600	Credit and Institutions
G105	Mineral Geology, Exploration and Reserve Evaluations	G601	Development Banking
G200	Mineral Technology	G602	Commercial Banking
G201	Open-Pit Mining	G603	Other Credit Institutions
G202	Underground Mining	G604	Institutions - Organization and Management
G203	Mineral Beneficiation	G605	Resource Mobilization
G204	Mineral Handling and Transportation	G606	Industrial Technical/Extension Services
G205	Metallurgy - Non-Ferrous Metals	G700	Synthetic Fibers
G205a	Primary Smelting and Refining : Hydrometallurgy	G701	Polyesters
G205b	Primary Smelting and Refining : Pyrometallurgy	G702	Polyamides
G205c	Secondary Smelting and Refining	G703	Acrylics
G206	Metallurgy - Ferrous Metals	G704	Rayon & Acetate
G300	Commodities Exploitation and Trading	G705	Polypropylene
G301	Copper	G800	Textile Products
G302	Zinc/Lead	G801	Woven Fabrics, Mainly Cotton and Cotton Blends (Including Spinning, Weaving and Processing)
G303	Nickel	G802	Woven Fabrics, Mainly Man-Made Fibers and Blends (Including Spinning, Weaving and Processing)
G304	Iron Ore	G802a	Glass Fiber
G305	Bauxite/Alumina/Aluminum	G803	Broad Woven Fabrics, Wool and Wool Blends (Including Spinning, Weaving and Processing)
G306	Phosphates	G804	Narrow Fabrics
G307	Gold/Silver	G805	Knit Goods (Circular and Warp Knits)
G308	Magnesium	G806	Dyeing, Printing and Finishing
G309	Chrome	G807	Floor Coverings (Tufted, Woven,
G310	Uranium	G900	Apparel and Other Finished Products made from Fabrics and Similar Materials
G311	Oil Shale	G901	Woven Suits, Coats, Overcoats
G312	Coal/Lignite/Anthracite	G902	Other Woven Outerwear, Work Clothing, etc.
G313	Rare Metals	G903	Knitwear
G400	Industry - General	G1000	Chemicals and Allied Products
G401	Industrial Economics and Policy	G1001	Fertilisers
G402	Industrial Investment Planning	G1001a	Nitrogen : Ammonia
G403	Industrial Technology	G1001b	Nitrogen : Urea
G404	Industrial Research and Development	G1001c	Nitrogen : Other Products
G405	Industrial Efficiency Studies	G1001d	Phosphates : Rock
G406	Industrial Cost Analysis	G1001e	Phosphates : Phosphoric Acid
G407	Export Processing and Free Trade Zones	G1001f	Phosphatic Fertilisers
G408	Industrial Parks/Estates	G1001g	Potash : Mining
G409	Industrial Plant/Factory Buildings	G1001h	Potash : Evaporation
G410	Medium and Small-Scale Industries	G1001i	Potash : Processing
G411	Environmental Issues and Pollution Control		
G412	Industry Related Training		
G500	Industrial Products, Trade Patterns and Marketing		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

IN - INDUSTRY SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
G1002	Basic and Intermediate Organic Chemicals		Metals
G1002a	Acetylenes and Derivatives	G1401c	Iron and Steel Castings
G1002b	Ethylenes : Other Olefins and Derivatives	G1401d	Iron and Steel Forgings
G1002c	Aromatics and Derivatives	G1402	Non-Ferrous Industries
G1002d	Ethanol and Derivatives	G1402a	Rolling, Drawing and Extruding of Non-Ferrous Metals
G1002e	Methanol and Derivatives	G1402b	Non-Ferrous Castings
G1003	Inorganic Chemicals	G1500	Metal Products (Except Machinery and Transport Equipment)
G1003a	Soda Ash and Chlorine/Caustic Soda	G1501	Metal cans and Containers
G1003b	Inorganic Acids	G1502	Cutlery
G1003c	Other Inorganic Chemicals	G1503	Hand Tools
G1004	Final Chemical Products and Applications	G1504	General Hardware and Fittings
G1004a	Plastics and Resins	G1505	Screw Machine Products -Screws, Bolts, Nuts, Rivets, etc.
G1004b	Man-Made Fibers	G1506	Structural Metal Products - Metal Doors, Framing, Moulding, Fixtures, etc.
G1004c	Synthetic Rubbers	G1507	Fabricated Plate Work
G1004d	Solvents, Glycols, Detergents	G1507a	Vessels
G1005	Pharmaceuticals	G1508	Sheet Metal Work
G1006	Pesticides	G1509	Coating, Engraving and Allied
G1007	Bio-Chemicals	G1600	Machinery and Equipment, Except Electrical
G1007a	Biomass Uses	G1601	Farm and Agricultural Machinery/Equipment
G1007b	Bioprotein Production	G1601a	Tractors
G1100	Rubber and Miscellaneous Plastic Products	G1601b	Implements
G1101	Tires and Inner Tubes	G1602	Machine Tools and Accessories
G1101a	On-Road	G1603	Special Industrial Machinery/Equipment
G1101b	Off-Road	G1603a	Construction Machinery/Equipment
G1102	Rubber and Plastic Footwear	G1603b	Material Handling Machinery/Equipment
G1200	Leather and Leather Products	G1603c	Mining Machinery/Equipment
G1201	Tanning and Finishing	G1603d	Woodworking Machinery/Equipment
G1202	Footwear, Except Rubber	G1603e	Food Products Industries Machinery/Equipment
G1203	Gloves and Mittens	G1603f	Paper/Printing Industries Machinery/Equipment
G1204	Luggage	G1603g	Metallurgical Industries Machinery/Equipment
G1205	Handbags, Purses, etc.	G1603h	Chemical/Pharmaceutical Industries Machinery/Equipment
G1300	Stone, Clay, Glass, Concrete and Other Non-metallic Mineral Products	G1603i	Cement Plant Machinery/Equipment
G1301	Flat Glass	G1603j	Textile Industries Machinery/Equipment
G1302	Glass and Glassware, Pressed or Blown	G1604	General Industrial Machinery/Equipment
G1303	Glass Products made of Purchased Glass	G1604a	Engines
G1304	Cement, Hydraulic	G1604b	Pumps
G1305	Structural Clay Products	G1604c	Compressors
G1305a	Bricks	G1604d	Ball and Roller Bearings
G1305b	Ceramic Tiles	G1604e	Industrial and Power Plant Boilers
G1306	Pottery and Related Products	G1604f	Speed Changers, Industrial High-Speed Drives and Gears
G1307	Concrete, Gypsum and Plaster Products	G1604g	Blowers and Exhaust Equipment
G1307a	Concrete Pipes		
G1400	Basic Metal Industries		
G1401	Ferrous Industries		
G1401a	Finished Iron, Alloy and Special Steel Plants		
G1401b	Rolling, Drawing and Extruding of Ferrous		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

IN - INDUSTRY SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
G1604h	Industrial Process Furnaces and Ovens	G1708	Electronic Computers and Data Processing Equipment
G1605	Office Calculating/Accounting Machines/Equipment	G1709	Wave Traps (Powerline Carriers)
G1605a	Typewriters	G1710	Process Controls and Equipment
G1605b	Duplicators	G1800	Transportation Equipment
G1605c	Calculating and Accounting Machines/Equipment	G1801	Motor Vehicle and Ancillary Equipment
G1606	Refrigeration Machinery/Equipment	G1801a	Car, Jeep, and Station Wagon Bodies
G1700	Electrical and Electronic Machinery and Equipment	G1801b	Truck and Bus Bodies
G1701	Power Generating, Transmission and Distribution Equipment	G1801c	Trailers
G1701a	Turbo-Generators	G1801d	Automobile Parts and Accessories
G1701b	Transformers	G1802	Aircraft and Components
G1701c	Switch and Control Gear	G1803	Ship and Boat Building
G1701d	Electric Motors	G1803a	Shipbuilding
G1701e	Cables and Conductors	G1803b	Ship Repair
G1702	Electrical Industrial Apparatus	G1803c	Boat Building
G1702a	Dry and Storage Batteries	G1803d	Boat Repair
G1702b	Electric Tools	G1804	Railroad Equipment
G1702c	Measuring and Testing Instruments	G1804a	Locomotives
G1703	Household Appliances	G1804b	Cosches
G1704	Electric Lighting and Wiring Equipment	G1804c	Wagons, Bogies, Wheels and Axles
G1705	Radio and Television Equipment	G1804d	Fixed Stock Equipment
G1706	Communication Equipment	G1805	Motorcycles and Parts
G1707	Electronic Equipment and Parts	G1806	Bicycles and Parts
G1707a	Semiconductors	G1900	Miscellaneous Industries
G1707b	Industrial Products	G1901	Food and Kindred Products
G1707c	Consumer Products	G1902	Tobacco Manufactures
		G1903	Printing, Publishing and Allied

FIELDS OF SPECIALIZATION (TABLE OF CODES)

PO - POPULATION SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
H100	General	H500	Manpower for Family Planning Services
H101	Population/Family Planning and Development	H501	Physicians
H102	Demographic Research and Analysis	H502	Administrators/Managers
H103	Determinants of Fertility	H503	Nurses/Midwives
H104	Social, Economic, Cultural and Psychological Aspects of Population/ Family Planning	H504	Pharmacists
H105	Health Aspects of Family Planning	H505	Para-Professionals
H106	Women's Development Programs	H506	Field Workers, Home Visitors
H107	Population Training	H507	Volunteers
H108	Population Censuses and Statistics	H508	Instructional Program Design
H200	Planning and Organization of Population/ Family Planning Programs	H509	Supervision Systems Design
H201	National Planning and Policy Development	H510	Family Planning Manpower Development
H202	Organisation, Administration and Management	H600	Information, Education, Communications
H203	Intersectoral Planning	H601	Mass Media Communications
H204	Manpower Planning	H602	Audio-Visual Aids
H205	Information/Education/Communications Planning	H603	Interpersonal Communications
H206	Information/Records Systems Design	H604	Use of Folk Media
H300	Family Planning Services Infrastructure	H605	Population/Family Planning Education
H301	Facilities Design	H700	Monitoring, Evaluation, Research
H302	Equipment/Vehicles	H701	Monitoring Systems Design
H303	Supplies	H701a	Statistics on Population/Fertility
H304	Facilities Design (arch. and Bldg.)	H701b	Statistics on Services Provided
H305	Equipment Maintenance and Repair	H702	Evaluation Systems Design
H400	Family Planning Services Delivery Systems	H703	Research on Family Planning Services
H401	Family Planning Clinics	H703a	Action-Oriented
H402	Hospital-Based Family Planning Services	H703b	Evaluation/Oriented
H403	Mobile Family Planning Services	H703c	Clinical Research
H404	Maternal-Child Health Family Planning Services	H704	Research and Evaluation of Information/ Education/Communications Methods and Programs
H405	Distribution of Family Planning Supplies		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

TE - TELECOMMUNICATIONS SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
I100	General	I206b	Accounting/Auditing Systems
I101	Demand Requirements	I206c	Tariff Structures
I102	Forecasting	I300	Radio and TV Broadcasting Systems
I103	Overall Network Design	I301	Radio Broadcasting Systems
I104	Telecommunications Related Training	I302	TV Broadcasting Systems
I105	Regulatory Framework	I303	Community Antenna Television (CATV) Systems
I200	Large-Scale Telephone, Telegraph and Telex Systems	I304	Mobile Radio Systems
I201	Switching Systems	I400	Specialized Communications Systems
I201a	Analog Switching Systems	I401	Rail Transport Communications Systems
I201b	Digital Switching Systems	I402	Air Transport Communications Systems
I202	Transmissions Systems	I403	Pipe Transport Communications Systems
I202a	Metallic Cable Transmission Systems	I404	Water Transport Communications Systems
I202b	Optic Fiber Cable Transmission Systems	I405	Video Communications Systems
I202c	Submarine Cable Transmission Systems	I500	Computer Applications
I203	Cable Plants	I501	Data Processing
I204	Satellite Communications Systems	I501a	On-Line
I205	Data Transmission Systems	I501b	Off-Line
I205a	Circuit Switching Systems	I502	Remote Control and Supervisory Systems
I205b	Packet Switching Systems	I600	Small-Scale/Rural Communication Systems
I205c	Dedicated Circuit Systems	I601	Post and Telegraph Systems
I206	Telecommunications Utilities Management	I602	Radio and Telephone Systems
I206a	Organization and Management	I603	Portable Switching Systems/Line Concentrator Systems

FIELDS OF SPECIALIZATION (TABLE OF CODES)

TO - TOURISM SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
J100	General	J211	Hotel Design
J101	Tourism Demand Forecasting	J212	Hotel Training Schools
J102	Transportation for Tourism	J300	Operation of Tourism Projects
J102a	National Aviation Policies	J301	Financial Analysis and Accounting Systems
J103	Environmental Protection	J302	Investor and Other Promotions
J105	Tourism Related Training	J303	Sales and Marketing
J200	Planning, Design and Implementation of Tourism Projects	J304	Hotel Management and Organisation
J201	Town and Regional Planning	J305	Food and Beverage Management
J202	Tourism Investment Programs/Proposals	J306	Airline Reservation Systems
J203	Site Planning, and Landscaping	J307	Hotel and Related Reservation Systems
J204	Resort and Recreation Facilities	J308	Hotel/Tourism Training
J205	Infrastructure (Including Airport) Development	J400	Miscellaneous
J206	Community Facilities	J401	Muscology
J207	National Parks	J402	Conservation and Preservation/Display of Artifacts
J208	Conservation of Historic Monuments and Sites	J403	Range and Wildlife Management
J209	Marines and Marine Park Development	J404	Handicrafts for Tourism
J210	Land-Use and Development Controls		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

TR - TRANSPORTATION SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
K100	General	K303b	Freight Transportation
K101	National/Regional/Multimodal Transportation Planning	K304	Financial Analysis, Costing and Tariffs
K101a	Traffic/Origin-Destination Surveys	K305	Terminals
K101b	Information Systems	K305a	Passenger
K101c	Demand Forecasting	K305b	Freight
K101d	Transportation Models	K306	Rural Transportation Services
K101e	Policies and Investment Programs	K306a	Passenger Transportation
K102	Intermodal Transportation Technology	K306b	Freight Transportation
K103	Intermodal Freight Terminals	K307	Road Transportation Industry Training
K104	Facilitation (simplification of transportation documents, procedures, etc.)	K400	Rail Transportation
K105	Transportation Related Training	K401	Demand Forecasting and Investment Planning
K200	Road Transportation Facilities	K402	Marketing
K201	Highway Planning and Programming	K403	Financial Analysis, Costing & Tariffs
K201a	Highways	K404	Regulation and Pricing
K201b	Rural Feeder Roads (Farm to Market)	K405	Management and Organizational Development
K202	New Highways, Improvements and Reconstruction	K406	New Tracks and Track Renewal
K202a	Toll Roads	K407	Structures
K202b	Primary Roads	K407a	Bridges
K202c	Secondary Roads	K407b	Tunnels
K202d	Rural Feeder Roads (Farm to Market)	K407c	Stations
K202e	Access Tracks	K408	Terminals and Yards
K203	New Structures, Reconstruction	K409	Signaling Systems
K203a	Bridges	K410	Rolling Stock
K203b	Tunnels	K410a	Locomotives
K203c	Interchanges	K410b	Other
K203d	Ferry Structures	K411	Electrification
K204	Maintenance of Highways	K412	Rail Operations
K204a	Organization, Funding and Programming	K413	Workshops and Equipment Maintenance
K204b	Execution	K414	Track Maintenance
K205	Maintenance of Rural Feeder Roads (Farm to Market)	K415	Computer Applications
K205a	Organisation, Funding and Programming	K415a	Information Systems
K205b	Execution	K415b	Analysis, Planning and Forecasting
K206	Equipment/Plant Management	K415c	Operations
K207	Highway Traffic Control	K416	Rail Transportation Training
K208	Highway Legislation	K417	Rail Transport Economics
K209	Highway Safety	K500	Seaports and River Ports
K210	Road Transportation Facilities Training	K501	Demand Forecasting and Investment Planning
K211	Road Transport Economics	K502	Financial Analysis, Costing and Tariffs
K300	Road Transportation Industry	K503	Management and Organizational Development
K301	Regulation	K504	Harbors, Piers, Wharves
K302	Road User Charges	K505	Port Maintenance
K303	Management of Firms	K506	Dredging and Reclamation
K303a	Passenger Transportation	K507	Port Operations
		K508	Warehouses and Storage
		K509	Bulk Cargo Handling Facilities
		K510	Offshore Facilities

FIELDS OF SPECIALIZATION (TABLE OF CODES)

TR - TRANSPORTATION SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
K511	Deep Sea Ports	K711	Dockyards and Vessel Repair Facilities
K512	Container Ports	K712	Transportation Industry (Firms/Services)
K513	Bulk (Wet and Dry) Ports	K800	Airports
K514	Cargo Handling Operations	K801	Demand Forecasting and Investment Planning
K515	Navigational Aids	K802	Management and Organisational Development
K516	Computer Applications	K803	Financial Analysis, Costing and Charges
K516a	Information Systems	K804	Site Selection and Land Use/Environmental Studies
K516b	Port Operations	K805	Airport Layouts and Civil Works (Runways, Taxiways, Aprons, etc.)
K517	Ports Training	K806	Structures
K600	Shipping	K806a	Terminals
K601	National Shipping Fleets/Companies	K806b	Warehouses and Freight Handling Facilities
K602	Management and Operations	K806c	Hangers, Workshops, etc.
K603	Financial Analysis, Costing and Tariffs	K807	Infrastructure
K604	Vessels	K807a	Fueling Facilities
K604a	Tankers, Bulk/General Cargo Vessels, etc.	K807b	Lighting
K604b	Coastal Shipping Vessels	K807c	Other
K604c	Inland Waterway Vessels	K808	Airport Maintenance
K604d	Ferries	K809	Airport Operations
K605	Shipbuilding and Repairing	K810	Air Traffic Control
K605a	Shipbuilding	K811	Navigational Aids
K605b	Ship Maintenance and Repairing	K812	Airstrips (Low-Volume)
K605c	Shipyards	K813	Airports Training
K605d	Dry Docks	K900	Air Transportation Services
K605e	Floating Docks	K901	Aircraft Selection
K605f	Naval Architecture	K902	Airline Management and Operations
K605g	Marine Engineering	K903	Financial Analysis, Costing and Tariffs
K606	Freight Forwarding	K904	Schedule Planning
K607	Shipping Training	K905	Regulation
K608	Shipping Transport Economics	K906	Pricing
K700	Inland Waterways	K907	Aircraft Maintenance
K701	Demand Forecasting and Investment Planning	K908	Computer Applications
K702	Management and Organisational Development	K908a	Airline Reservation Systems
K703	River Regulation and Control	K908b	Information Systems
K704	Dredging and Reclamation	K908c	Operations
K705	Navigation Locks and Dams	K909	Air Transportation Training
K706	Canals	K1000	Miscellaneous Transportation
K707	Ports	K1001	Conveyor Belts
K708	Jetties	K1002	Cable Cars
K709	Maintenance		
K710	Navigational Aids		

FIELDS OF SPECIALIZATION (TABLE OF CODES)

UD - URBAN DEVELOPMENT SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
L100	Urban Development Planning	L504c	Construction Loans
L101	Urban Area Survey, Analysis and Monitoring	L504d	Building Materials Finance
L101a	Socio-Economic Surveys	L505	Small-Scale Enterprise Finance
L101b	Land Use Surveys	L600	Urban Management
L102	Urban Development Models	L601	Municipal Administration
L103	Strategic Development Planning (Including Master Planning)	L602	Municipal Services Management
L104	Land Use/Transportation Planning	L603	Development Control and Regulations
L105	Urban Investment Programming	L604	Building Standards and Regulations
L106	National Urban Policies	L605	Community Participation
L200	Shelter/Housing Planning, Design Engineering and Implementation	L606	Self-Help Programs
L201	Shelter/Housing Sector Survey and Analysis	L607	Urban Regulated Training
L202	Sites and Services - Planning, Design and Engineering	L608	Land Administration Management
L203	Slum Upgrading Programs	L609	Information Systems
L204	Construction Methods and Materials	L610	Project/Program Administration and Management
L205	Office Buildings Design	L700	Urban Transportation
L206	Building Construction Management	L701	Traffic Management
L207	Land Development (residential, commercial, industrial)	L701a	Signs and Signalisation
L208	Land Readjustment	L701b	Channelisation
L209	Urban Redevelopment	L701c	Traffic Flow Regulation Measures
L300	Urban Services	L701d	Area Traffic Control Schemes
L301	Municipal Engineering	L701e	Public Transport and High-Occupancy Vehicle Priority Measures or Schemes
L302	Municipal Services	L701f	Parking Measures or Schemes
L302a	Urban Road Construction and Maintenance	L702	Public Transport Operations
L302b	Street Lighting	L702a	Bus Transit Systems
L302c	Solid Waste (Refuse) Collection/Disposal	L702b	Rapid Transit Systems
L302d	Fire Protection	L702c	Tariff Structures
L303	Community Facilities, Planning and Design	L702d	Management
L303a	Markets	L702e	Network Analysis and Design
L303b	Community Centers	L702f	Marketing
L400	Urban Employment	L703	Para Transit Operations
L401	Employment Sector Analysis	L704	Bicycle Priority Systems
L402	Employment Generation Programs	L705	Pedestrian Facilities
L403	Training and Skill Development	L706	Urban Transport Planning
L500	Urban Finance	L706a	Traffic/Transport Surveys and Analysis
L501	Municipal Finance and Budgeting	L706b	Traffic/Transport Models
L502	Land and Property Valuation/Taxation	L706c	Network Planning and Design
L503	Other Municipal Taxation	L706d	Monitoring and Evaluation
L504	Shelter Sector Finance	L707	Urban Transport Economics
L504a	Mortgage Banking	L708	Urban Transport Management
L504b	Savings and Loan Programs	L708a	Road Pricing Programs
		L708b	Vehicle Licensing
		L708c	Enforcement Procedures and Techniques
		L708d	Training, (Including Driver Education)
		L708e	Public Participation

FIELDS OF SPECIALIZATION (TABLE OF CODES)

WS - WATER SUPPLY AND SANITATION SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
M100	Water Supply	M202b	Industrial
M101	Water System Planning and Design	M203	System Rehabilitation and Upgrading
M102	Water Resources Development	M204	Stabilization Ponds
M102a	Groundwater	M205	Marine Disposal
M102b	Surface Water	M206	Land Application
M103	Water Quality	M207	Low-Cost Urban Sanitation
M104	Source Reservoirs	M208	Storm Drainage
M105	Dams	M209	Rural Sanitation
M106	Tunnels	M210	Water Pollution Control
M107	Submarine Pipelines	M211	Water Recycling and Re-use
M108	Water Transmission	M212	Sludge Recycling and Re-Use
M109	Pumping Stations	M213	Resource Recovery
M109a	Handpumps	M300	Solid Waste
M110	Water Storage	M301	Collection and Logistics
M111	Water Treatment	M302	Disposal
M112	Water Distribution	M303	Resource Recovery
M113	System Rehabilitation and Upgrading	M400	Water Supply and Sanitation Management
M114	Desalination	M401	Requirements Forecasting
M115	Corrosion	M402	Financial Planning
M116	Leak Detection	M403	Organisation and Management
M117	Rural Water Supplies	M404	Rates and Tariffs
M118	Water Meters	M405	Water Metering
M119	Pipe Materials and Manufacture	M406	Accounting/Auditing Systems
M200	Sanitation	M407	Computerisation
M201	Sewage Collection Systems	M408	Legislation
M202	Sewage Treatment	M409	Rural Water Supply and Sanitation Management
M202a	Domestic	M410	Water Supply and Sanitation Training

FIELDS OF SPECIALIZATION (TABLE OF CODES)

MS - MISCELLANEOUS SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
N100	National Development	N108a	Budget & Public Investment Management
N101	National Development Strategies	N108b	Public Finances and Debt Management
N102	Agricultural-Industrial Policies	N109	Institutional Development
N103	Foreign Trade Policies	N110	Development Banking
N104	National Planning	N111	Privatization Programs
N105	Public Administration	N200	Miscellaneous Specializations
N106	Public Enterprises : Management & Financial	N201	Anthropology
N107	Public Enterprises : Information & Control Systems	N202	Coastal Engineering
N108	National Economic Management	N203	Oceanography
		N204	Seismology

FIELDS OF SPECIALIZATION (TABLE OF CODES)

FI - FINANCIAL SERVICES SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
O100	Commercial Banking		Currency Swaps)
O101	Consumer finance	O309	Foreign Exchange Risk Management
O102	Real Estate Lending	O310	Interest Risk Management
O103	Coommercial and Industrial Lending	O311	Bankruptcy and Reorganization
O104	Retail Banking	O312	Corporate Restructuring
O105	Trade Banking	O313	Electronic Trading
O106	Agricultural Lending	O314	Other
O107	Deposit Insurance	O400	Financial Market Activities
O108	Bank Regualtion	O401	Eurocurrency Trading
O109	Treasury Operations	O402	Repos and Reverse Repos
O110	Interbank Trading	O403	Government Securities Trading
O111	Liability Management	O404	Greasury Bill Auction
O112	Problem Loan Work-outs	O405	Money Market Trading
O113	Correspondent Banking	O406	Inter-bank Trading
O114	International Banking	O407	Federal Fund Trading
O115	Electronic Fund Transfers	O408	Venture Capital
O116	Data Processing	O409	Leasing
O117	Portfolio Audits	O410	Mutual Fund/unit Trusts
O118	Credit Card Operation	O411	Financial Sector Regulation
O119	Computerization	O412	Securities Regulation
O120	Training and Staff Development	O413	Eurocredit Syndication
O121	Personnel Management	O414	Securities Underwriting
O122	Other	O415	Eurobond Trading
O200	Development Banking	O416	Broker/dealer Management
O201	Project Identification	O417	Securities Exchange
O202	Project Preparation and Promotion	O418	Over-the-counter Market
O203	Project Appraisal	O419	Interest Futures and Options
O204	Project Supervision	O420	Currency Futures and Options
O205	Project Administration and Follow-up	O421	Index Futures and Options
O206	Financial Forecasting	O422	Financial Futures and Options Exchange
O207	Loan Administration	O423	Public Utility Finance
O208	Loan Recovery	O424	Municipal Finance
O209	Management Information System	O425	Mortgage Finance
O210	Training and Staff Development	O426	Pension Fund
O211	Personnel Management	O427	Asset-backed Securities
O212	Protfolio Audits	O428	International Banking Facilities
O213	Corporate Planning	O429	Other
O214	Other	O500	Non-bank Financial Institution Management
O300	Investment/Mercharit Banking	O501	Savings and Loan Association
O301	Mergers, Acquisition and Takeovers	O502	Savings Bank
O302	Leverage Buyouts	O503	Mutual Savings Bank
O303	Build, Own and Operate (BOO)	O504	Credit Union
O304	Build, Operate and Transfer (BOT)	O505	Life Insurance Company
O305	Privatization	O506	Reinsurance Company
O306	Securities Underwriting	O507	Fire and Casualty Insurance Company
O307	Securities Trading	O508	State and Local Government Retirement Fund
O308	Swap Trading (Interest Swaps and	O509	Agricultural Credit Bank

FIELDS OF SPECIALIZATION (TABLE OF CODES)

FI - FINANCIAL SERVICES SECTOR

CODES	FIELDS OF SPECIALIZATION	CODES	FIELDS OF SPECIALIZATION
O510	Housing Finance Company	O701	Modern Portfolio Theory
O511	Development Finance Company	O702	Fixed Income Securities Market
O512	Other	O703	Equities Market
O600	Corporate Financial Management	O704	Portfolio Diversification
O601	Financial Statement Analysis	O705	Country Fund
O602	Working Capital Management	O706	Euromarket
O603	Cash Management	O707	Securities Market - U.S.
O604	Inventory Management	O708	Securities Market - U.K.
O605	Capital Structure	O709	Securities Market - Japan
O606	Financial Planning	O710	Securities Market - Switzerland
O607	Budgeting and Control	O711	Securities Market - Germany
O608	Corporate restructuring	O712	Offshore banking and Financial Centers
O609	Capital Budgeting	O713	Securities Taxation
O610	Dividend Policy	O714	Securities Analysis
O611	Financial Accounting	O715	Portfolio Management
O612	Management Accounting	O716	Credit Rating Agencies
O613	Cost Accounting	O717	Portfolio Insurance (or Index Arbitrage)
O614	Inflation Accounting	O718	Program Trading
O615	Tax Management	O719	Securities Clearing House
O616	Performance Evaluation	O720	Computerization of Securities Trading
O617	Other	O721	Other
O700	Investment and Portfolio Management		