

New WG	WORK GROUP DESCRIPTION	ADWEA WG.NO.
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1.0 CONSULTANCY SERVICES		
1100100	CIVIL, STRUCTURAL & BUILDINGS SERVICES CONSULTANCY	
1100200	CHEMICAL TREATMENT SYSTEM CONSULTANCY	
1100205	SATELLITE IMAGING AND GPS SERVICES CONSULTANCY	
1100300	WATER DESALINATION SYSTEM CONSULTANCY	
1100400	POWER GENERATION CONSULTANCY	
1100500	POWER DISTRIBUTION AND MANAGEMENT CONSULTANCY	
1100600	POWER TRANSMISSION CONSULTANCY	
1100700	WATER TRANSMISSION/PIPELINE/PUMPING STATION CONSULTANCY	
1100800	ENVIRONMENTAL CONTROL SYSTEM CONSULTANCY	
1100900	INSTRUMENTATION & CONTROL SYSTEM CONSULTANCY	
1101000	LANDSCAPING & RIGHT OF WAYS CONSULTANCY	
1101100	MANAGEMENT INFORMATION SYSTEM CONSULTANCY	
1101180	DESIGN & ENGINEERING SERVICES CONSULTANCY	
1101200	MARINE ENGINEERING & SURVEY CONSULTANCY	
1101400	CORROSION CONTROL CONSULTANCY	
1101500	PROJECT MANAGEMENT CONSULTANCY	
1101600	QUALITY CONTROL CONSULTANCY	
1101700	SCADA, TELECOMMUNICATION, TELEMETRY CONSULTANCY	
1101900	SEWAGE/DRAINAGE NETWORKS CONSULTANCY	
1102000	ARCHITECTURE & INTERIOR DESIGN CONSULTANCY	
1102200	WATER RETAINING STRUCTURE CONSULTANCY	
1102300	WASTE WATER TREATMENT CONSULTANCY	
1102350	WATER AND SOIL QUALITY MONITORING	
1102380	HAZARDOUS WASTE MANAGEMENT	
1102400	GEOGRAPHIC INFORMATION SYSTEM CONSULTANCY	
1102500	AUTOMATIC REMOTE METERING CONSULTANCY	
1103200	GEOTECHNICAL STUDIES, TESTING AND SOIL INVESTIGATION CONSULTANCY	
1103330	FEASIBILITY STUDY CONSULTANCY	
1103360	DESIGN BASIS AND PROJECT SPECIFICATION DEVELOPMENT CONSULTANCY	
1103370	POWER SUPPLY SECURITY AND INTEGRITY CONSULTANCY	
1103380	RISK MANAGEMENT & INSURANCE CONSULTANCY	
1200050	POLLUTION/ SKIMMING/ DEBRIS CONTROL STUDIES CONSULTANCY	
1200060	HSE STUDIES AND SURVEY CONSULTANCY	
1200070	AIR QUALITY AND ENVIRONMENTAL MONITORING	
1200100	ENERGY, WATER CONSERVATION STUDIES	
1200300	FIRE & SAFETY CONSULTANCY	

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1200400	ISO SYSTEM AND CERTIFICATION CONSULTANCY	
1200600	MATERIAL MANAGEMENT AND CATALOG DEVELOPMENT CONSULTANCY	
1200800	PLANT OPERATION STUDIES & CONSULTANCY	
1200900	VIBRATION MONITORING SERVICES	
1202000	TECHNICAL AUDITES/SURVEYS/ANALYSIS	
	<b>2.0 CONSTRUCTION WORKS- MAJOR -ROJECTS</b>	
2100050	EPC, EPCM POWER AND WATER PROJECTS	
2100100	WATER DESALINATION UNITS -EPC	
2100110	CHLORINATION UNITS -EPC	
2100120	R.O. UNITS –EPC	
2100200	MARINE WORKS –EPC	
2100300	PIPELINE WORKS –EPC	
2100400	POWER GENERATION PLANTS –EPC	
2100500	POWER DISTRIBUTION NETWORK – UP TO 22 KV	
2100700	WATER NETWORKS & DISTRIBUTION SYSTEMS -EPC	
2100800	SEWERAGE/DRAINAGE NETWORKS -EPC	
2101000	WATER/WASTEWATER TREATMENT -EPC	
2101100	POLLUTION AND ENVIRONMENTAL CONTROLS	
2101200	GIS (GEOGRAPHIC INFORMATION SYSTEM) -EPC	
2101300	AUTOMATIC REMOTE METERING -EPC	
2101400	SUBSTATION TURNKEY HIGH VOLTAGE	
2101410	SUBSTATION TURNKEY MEDIUMVOLTAGE	
	<b>2.2 CIVIL WORKS</b>	
2200050	GENERAL CIVIL AND MUNICIPAL WORKS	
2200100	ALUMINUM CLADDING & GLAZING	
2200200	RENOVATION	
2200300	DECORATION	
2200400	BUILDINGS COMMERCIAL & RESIDENTIAL	
2200500	BUILDINGS CONSTRUCTION (INDUSTRIAL)	
2200600	BUILDINGS ERECTION (STEEL STRUCTURE)	
2200700	HIGHWAYS & ACCESS ROADS CONSTRUCTION	
2200710	BRIDGES & TUNNELS	
2200800	WATER RETAINING STRUCTURE	
2200900	MARINE CONSTRUCTION WORK	
2201000	PILING & GROUND STABILIZATION, UNDERPINNING AND BORING WORKS	
2201200	CONTRETE WATER TANKS CONSTRUCTION	
2201300	LANDSCAPING & SITE IMPROVEMENT	

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2201400	EXCAVATION, DISPOSAL & TREATMENT OF CONTAMINATED SERVICES	
2210600	REMOVAL/DISPOSAL OF WASTE MATERIALS	
2210700	CIVIL WORKS FOR HIGH VOLTAGE CABLES INSTALLATION 132 KV AND ABOVE	
	<b>2.3 MECHANICAL WORKS</b>	
2300050	PLANT MAJOR MECHANICAL WORKS	
2300100	HVAC WORKS - RESIDENTAL	
2300110	HVAC WORKS - INDUSTRIAL	
2300160	GRP CYLINDRICAL TANKS & PANEL TANKS FAB & INSTALL.	
2300200	PUMPING STATIONS	
2300300	BUILDING –MECHANICAL WORKS	
2300400	WORKSHOP & MACHINING SERVICES	
2300500	STEEL FABRICATION	
2300600	RELOCATION OF MECHANICAL EQUIPMENT	
2300700	PLANT FIRE FIGHTING/ SAFETY ALARMS/ REMOTE MONITORS	
2300800	DRILLING & WELL DEVELOPMENT	
2300900	IRREGATION SYSTEMS	
2301000	REHABILITATION OF SEWERAGE NETWORKS	
2301300	CATHODIC PROTECTION SYSTEM	
2301400	AUTOMOBITE SERVICES	
2301500	SURGE PROTECTION SYSTEM	
2301600	STEEL TANKS FABRICATION, ERECTION & INSTALLATION	
2301700	SUPPLY & INSTALLATION – SEWERAGE MBR SYSTEM	
2301800	SUPPLY & INSTALLATION OF SEWERAGE TREATMENT PLANT (STP) EQUIPMENTS	
2301900	SEWERAGE ODOR CONTROL	
	<b>2.4 PIPELINE WORKS</b>	
2400050	PIPELINE CONSTRUCTION AND ASSOCIATED WORKS	
2400200	PIPE – WELDING, FABRICATION, REFUBISHMENT, TIE-INS AND COATING	
2400300	WATER LINES (SMALL WORKS)	
2400400	PIPELINES - INSULATION WORK	
2410900	COOLING & RECIRCULATION WATER PIPING SYSTEM	
2411300	BOILERS PIPING INSTALLATION AND REPAIRS	
	<b>2.5 ELECTRICAL WORKS</b>	
2500050	BUILDING ELECTRICAL WORKS - INDUSTRIAL	
2500100	ELECTRICAL WORKS - SOLAR INTEGRATOR	
2500200	BUILDING ELECTRICAL WORKS - RESIDENTIAL	
2500300	PUBLIC LIGHTING INSTALLATION	
2500500	SAFETY ALARMS & SECURITY SYSTEMS	

New WG	WORK GROUP DESCRIPTION	ADWEA WG.NO.
2500800	CABLE WORKS - SUBMARINE	
2500900	CABLE WORKS – 132 KV AND ABOVE	
2501000	CABLE WORKS – UP TO 22 KV	
2501110	CABLES WORKS - 33 KV	
2501200	ELECTRICAL WORKS – PRIMARY SUBSTATIONS 132 KV AND ABOVE	
2501300	ELECTRICAL WORKS – PACKAGE TYPE PRIMARY SUBSTATIONS 33/11 KV	
2501400	ELECTRICAL WORKS – PRIMARY SUBSTATIONS 33/11 KV	
2501700	POWER TRANSMISSION - OVERHEAD ABOVE 132 KV	
2501705	POWER DISTRIBUTION - OVERHEAD UP TO 33 KV	
	<b>2.6 INSTRUMENTATION AND WORKS</b>	
2600050	PLANT INSTRUMENTATION AND CONTROL WORKS	
2600100	SCADA SYSTEMS	
2600500	AIR TRAFFIC LIGHTING & CONTROL	
2600600	INSTRUMENTATION AND CONTROL WORKS INDUSTRIAL	
2600700	CONTROL PANELS	
2601100	BUILDING – INSTRUMENTATION WORK	
	<b>2.7 TELE-COMMUNICATION WORKS</b>	
2700050	TELE-COMMUNICATION WORKS GENERAL	
2700100	MICROWAVE SYSTEMS	
2700300	SAFETY CONTROL SYSTEMS	
2700400	SATELLITE, REMOTE DATA COLLECTION AND PUBLIC ADDRESS SYSTEMS	
2700500	TELECOMMUNICATION CABLING	
2700700	TELECOMMUNICATION SYSTEMS	
	<b>2.8 GENERAL CONTRACTS</b>	
2800050	GENERAL CONTRACTS	
2800200	CERTIFICATION (DESIGN/STATUTORY REQUIREMENTS)	
2800420	HEAVY LIFTS TRANSPORTATION SERVICES	
2800500	LOCAL SEA TRANSPORTATION	
2800900	SYSTEM INTEGRATION FOR ELECTRICAL AND INSTRUMENTATION	
2801020	SUPPLY AND INST. OF PORTA CABINS AND TEMP ACCOMMOD	
	<b>2.9 SECURITY SYSTEMS</b>	
2900050	INDUSTRIAL SECURITY SYSTEMS	
2900100	BUILDING – SAFETY AND SECURITY	
	<b>3.1 CIVIL MAINTENANCE</b>	
3100050	GENERAL CIVIL WORKS MAINTENANCE	
3100100	CONCRETE REHABILITATION & COATING (COMMERCIAL)	
3100200	CONCRETE REHABILITATION & COATING (INDUSTRIAL)	

New WG	WORK GROUP DESCRIPTION	ADWEA WG.NO.
3100300	DEWATERING SERVICES	
3100400	FOUNDATIONS & U/G STRUCTURES REMEDIAL WORKS	
3100500	DEMOLITION WORKS GENERAL	
3100550	GUNITING / SHOTCRETING SERVICES	
3100700	BUILDING MAINTENANCE	
3100800	FENCING AND GATES	
3101000	SOIL CONTAINMENT/ STABILIZATION	
3101100	FABRICATION (GENERAL)/STEEL STRUCTURE-MINOR WORKS	
3101200	WATER PROOFING WORKS	
3101400	HOT DIP GALVANIZATION WORKS	
3101800	HORIZONTAL DIRECTIONAL DRILLING HDD	
3102000	BUILDING CONSTRUCTION - MINOR	
	<b>3.2 MECHANICAL MAINTENANCE</b>	
3200050	MECHANICAL PLANT/EQUIPMENT WORKS & MAINTENANCE	
3200100	PUMPS, COMPRESSORS, TURBINE BOILERS & HEAT EXCHANGER MAINTENANCE	
3200500	PIPELINE MAINTENANCE	
3200600	HVAC MAINTENANCE	
3200700	FIRE FIGHTING & SAFETY MAINTENANCE	
3200800	LIFTS / ELEVATORS, ERECTION/MAINTENANCE	
3200900	HYDRAULIC COUPLINGS MAINTENANCE	
3200950	PLANT SHUTDOWN AND TURNAROUND	
3200960	POWER AND DESALINATION PLANTS MAINTENANCE "PDPM"	
3201200	SUPPLY & INSTALLATION OF WATER FILTRATION SYSTEM	
3201300	MACHINES/ TRANSFORMERS OIL RECOVERY AND DISPOSAL SERVICES	
3201400	ACIDIZATION, PICKLING AND FLUSHING SERVICES	
3201450	O+M OF LIFTING STATIONS-IRRIGATION & SEWERAGE	
	<b>3.3 ELECTRICAL MAINTENANCE</b>	
3300050	ELECTRICAL MAINTENANCE WORKS - INDUSTRIAL	
3300100	MOTORS & GENERATORS MAINTENANCE	
3300200	ELECTRICAL MAINTENANCE WORKS – SUBSTATIONS 132 KV AND ABOVE	
3300210	ELECTRICAL MAINTENANCE WORKS – SUBSTATIONS 33/11 KV	
3300300	POWER DISTRIBUTION NETWORK UP TO 22 KV MAINTENANCE	
3300350	POWER TRANSMISSION CABLE 132 KV & ABOVE MAINTENANCE	
3300400	INSTRUMENTATION CONTROLS/TELECOMS MAINTENANCE	
3300410	UPS & DC DISTRIBUTION BOARD & BATTERY CHARGER	
3300600	ELECTRICAL MAINTENANCE FOR LIFTS & CRANS	
3330100	POWER CABLES UP TO 33 KV MAINTENANCE	

New WG	WORK GROUP DESCRIPTION	ADWEA WG.NO.
3330300	OVERHEAD TRANSMISSION LINES 132 KV AND ABOVE MAINTENANCE	
3330400	OVERHEAD DISTRIUBTION LINES UP TO 33 KV MAINTINANCE	
3340400	LIGHTING MAINTENANCE	
3340500	EARTHING SYSTEMS	
	<b>3.4 INSPECTION/ TESTING SERVICES</b>	
3400050	INSPECTION & TESTING SERVICES FOR PLANTS /SITES	
3400100	THIRD PARTY INSPECTION SERVICES	
3400200	NDT - RADIOGRAPHIC, ULTRASONIC ETC.	
3400300	CORROSION INSPECTION	
3400400	INSPECTION & TESTING OF LIFTS, CRANES, SLINGS, TAC	
3400500	MATERIAL TESTING, ANALYSIS AND INSPECTION	
3400600	INSTRUMENTATION TEST/CALIBRATION SERVICES	
3400800	LABORATORY TESTING SERVICES	
3401000	CONTINUOUS EMISSION MONITORING SYSTEMS "CEMS"	
3401400	INSPECTION – PIPELINES, TANKS, VESSELS & TRURBINES GAS BATH.	
3401600	SOIL & CONCRETE TESTING	
	<b>3.5 INSTRUMENTATION MAINTENANCE</b>	
3500050	INSTALLATION & COMMISSIONING SERVICES	
3500500	CATV/CCTV/MATV/LV INSTRUMENTATION SYSTEMS - INST.	
3501400	INSTRUMENTATION & COMMUNICATION CABLING	
3501900	LAB INSTRUMENTS MAINTENANCE/REPAIRS	
3502300	METERING SYSTEMS	
	<b>3.6 GENERAL SERVICES</b>	
3600050	GENERAL SERVICES FOR PLANTS	
3600100	HIRING AND EQUIPMENT RENTAL SERVICES	
3600300	PLANT CLEANING SERVICES	
3600450	SCAFFOLDING SERVICES	
3600700	MARINE SURVEY	
3601110	MARINE EQUIMENTS AND BOATS MAINTENANCE	
3601300	PLANT MANAGEMENT AND SUPERVISON	
	<b>3.7 PAINTING SERVICES</b>	
3700050	PAINTING/COATING AND INSULATION SERVICES	
3700200	FIRE PROFFING WORKS	
3700400	SANDBLASTING & PAINTING WORKS	
3700500	PIPES, TANKS & VESSELS CALDDING, RUBBER LININGS WORK	
	<b>3.8 CLEANING SERVICES</b>	
3800050	INDUSTRIAL CLEANING SERVICES	

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3800400	TANKERS FOR SEWAGE REMOVAL	
3800500	CHEMICAL/TOXIC CLEANING	
3800600	WATER TANKS CLEANING – INDUSTRIAL	
3801100	INTERNAL CLEANING OF BUILDINGS	
	<b>3.9 TRANSPORTATION AND RELATED SERVICES</b>	
3900100	HIRE OF CRANES, LIFTS & TRAILER BEDS.	
3900400	HIRE OF TEST EQUIPMENTS/INSTRUMENTS	
3900500	HIRE OF TRANSPORTATION - BULK MATERIAL	
3900600	FREIGHT FORWARDING & CLEARANCE SERVICES	
3900650	COURIER SERVICES	
3900705	TRAVEL AND HOTEL ACCOMMODATION AGENCIES	
3900800	HIRE OF PORT CABINS/CARAVAN/TEMP. ACCOMMODATION UN	
3900900	LIGHT VEHICLE MAINTENANCE	
3901000	TRANSPORT MAINTENANCE/REPAIR SERVICES	
	<b>4.0 COMPUTER RELATED SERVICES</b>	
4000150	IT APPLICATION SERVICES	
4001300	IT INFRASTRUCTURE SERVICES	
4001400	IT SOFTWARE SUPPORT SERVICES	
4001410	SOFTWARE DEVELOPMENT SERVICES	
4001430	DATA CENTER SERVICES	
4001440	SMART CARDS AND BAR CODING SERVICES	
4001450	IT TELECOMMUNICATION SERVICES	
4100000	INFORMATION SYSTEMS & TECHNOLOGY	
4200000	DESKTOP INFRASTRUCTURE SERVICES	
	<b>5.0 MANPOWER SUPPLY SERVICES</b>	
5100000	SUPPLY SKILLED MANPOWER	
5200000	SUPPLY UNSKILLED MANPOWER	
	<b>6.0 FINANCIAL SERVICES</b>	
6100050	FINANCIAL/ACCOUNTING SERVICES	
6200000	INSURANCE POLICY UNDERWRITING SERVICES	
6200100	INSURANCE BROKERS	
6300000	AUDITING REGULATORY DEVELOPMENT SERVICES	
	<b>7.0 ADMINISTRATION AND GENERAL SERVICES</b>	
7000100	HOTELS	
7000200	ASSETS/INVENTORY AND RECORDS MANAGEMENT	

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7000500	LEGAL CONSULTING/CLAIMS	
7000510	LEGAL TRANSLATION SERVICES	
7000650	MARKETING STUDIES	
7000850	PARTITION, DECKING AND CLADDINGS SYSTEMS	
7000950	POTABLE/BOTTLED WATER AND WATER COOLER SERVICES	
7001050	RUBBER FLOORINGS (SPORTS, GENERAL)	
7100000	CATERING SERVICES	
7100100	CAMP CATERING SERVICES	
7200000	LEASING BUSES/CAR SERVICES	
7200100	BOATS RENTAL AND CHARTER	
7200200	HEALTH CLUBS/ GYMS MEMBERSHIP	
7301000	SCRAP CLEARING SERVICES	
7400000	OFFICE EQUIPMENTS MAINTENANCE	
7400100	PRINTING,COLLATING & DISTRIBUTION OF UTILITY STATE	
7400200	PAPER SHREDDING AND RECYCLING SERVICES	
7400300	HOSPITALS/CLINIC SERVICES	
7500000	PROMOTIONS AND ADVERTISING WORKS	
7501000	MEDIA ADVERTISING	
7502000	EXHIBITIONS ORGANIZATION	
7503000	EXHIBITIONS STAND – SUPPLY & INSTALLATION	
7600000	EDUCATION & TRAINING SERVICES	
7600500	SCHOLARSHIP AND FURTHER EDUCATION PROGRAMS	
7800000	ORGANIZATION DEVELOPMENT CONSULTANCY SERVICES	
7900000	HUMAN RESOURCES ORGANIZATION SERVICES	