

**LIST OF SERVICES FOR VENDOR REGISTRATION**

<b>SI NO</b>	<b>CATEGORY FOR REGISTRATION for WORKS</b>	<b>DEPARTMENT</b>
1	CONTRACT FOR HIRING OF CARS ON MONTHLY & CALL ON BASIS FOR THE USE OFCOMPANY'S OFFICIALS/ GUEST AT MRPL, BANGALORE	ADMIN, BANGALORE
2	SECURITY SERVICES FOR MRPL, DELHI.	ADMIN, DELHI
3	REPAIR OF VARIOUS OFFICE / OTHER LOCATION FURNITURE AND FIXTURES	ADMIN, MANGALORE
4	FULL SERVICE MAINTENANCE FOR RICOH MAKE PHOTOCOPY MACHINE	ADMIN, MANGALORE
5	PREMIUM VEHICLES FOR LOCAL & OUTSTATION DUTY	ADMIN, MANGALORE
6	PROVIDING SERVICES OF A/C & NON A/C VEHICLES	ADMIN, MANGALORE
7	ANNUAL RATE CONTRACT FOR PROVIDING DOMESTIC AND INTERNATIONAL COURIER SERVICES.	ADMIN, MANGALORE
8	PROVIDING SERVICE OF SHIFTING OF FURNITURE ETC WITHIN THE REFINERY AND TOWNSHIP	ADMIN, MANGALORE
9	PROVIDING SECURITY SERVICES	ADMIN, MANGALORE
10	INTERNAL COURIER SERVICE	ADMIN, MANGALORE
11	CANTEEN SERVICES	ADMIN, MANGALORE
12	PROVIDING CONSULTANCY SERVICES FOR MAINTENANCE OF COMBINED ISO 9001/ ISO14001 MANAGEMENT SYSTEMS	ADMIN, MANGALORE
13	TRUCK FOR TRANSPORTATION OF FAMILY GOODS	ADMIN, MANGALORE
14	OFFICE ASSISTANCE SERVICES	ADMIN, MANGALORE
15	HOUSEKEEPING & PEST CONTROL SERVICES	ADMIN, MANGALORE
16	GENERAL PEST CONTROL & RODENT CONTROL TREATMENT	ADMIN, MANGALORE
17	FACILITY MANAGEMENT - UPKEEPING OF OFFICES	ADMIN, MANGALORE
18	INTERIOR DECORATION JOBS	ADMIN, MANGALORE
19	MISCELLANEOUS OFFICE ASSISTANCE & ALLIED JOBS	ADMIN, MANGALORE
20	PROVIDING SERVICES OF CABLE TV/DTH	ADMIN, MANGALORE
21	PHOTOGRAPHY SERVICES	ADMIN, MANGALORE
22	DOMESTIC COURIER SERVICE AT MRPL MUMBAI OFFICE	ADMIN, MUMBAI
23	OFFICE ASSITANT AT MUMBAI	ADMIN, MUMBAI
24	INSURANCE SERVICES	FINANCE
25	CHA FOR PROVIDING SERVICES FOR CLEARING AND FORWARDING OFIMPORT OF CRUDE & EXPORT OF PRODUCT	FINANCE, MANGALORE
26	ANNUAL RATE CONTRACT FOR PROVIDING SERVICE OF VARIOUS NETWORK CABLING JOBS AND SUPPLY OF ITS REQUIRED MATERIALS	INFORMATION SYSTEM
27	REFILLING OF PRINTER RIBBON CARTRIDGES	INFORMATION SYSTEM
28	REPAIR OF ELECTRONIC DISPLAY BOARD INCLUDING SPARES	INFORMATION SYSTEM
29	AMC OF UPS BATTERY	INFORMATION SYSTEM
30	CIVIL ARC FOR PLANT- UPPER PLATEUA / LOWER PLATEAU / TOWNSHIP	MAINT-CIVIL
31	CONCRETE CORE CUTTING AT PLANT AND TOWNS.	MAINT-CIVIL
32	ARC FOR SURVEYING JOB	MAINT-CIVIL
33	MOSAIC FLOOR POLISHING FOR TOWNSHIP QUARTERS	MAINT-CIVIL
34	SUPPLY AND APPLICATION OF INTERNAL DECORATIVE AND ENAMEL PAINTING AT MRPL.	MAINT-CIVIL
35	POCLAIN AND TIPPER SERVICES.	MAINT-CIVIL
36	PAINTING OF TOWNSHIP QUARTERS FOR ALLOTMENT PURPOSE.	MAINT-CIVIL
37	CHAINLINK FENCING	MAINT-CIVIL
38	PVC PIPELINE REROUTING JOB FOR RAINWATER AND OVERFLOW AT TOWNSHIPQUARTERS OR ANY LOCATION INSIDE MRPL	MAINT-CIVIL
39	PROVIDING AND LAYING 250MM THICK WBM IN 3 LAYERS AND 50MM THICK BITUMEN MECADAM INCLUDING SEAL COAT USING 80/100 GRADE BITUMEN FOR ROAD WIDENING	MAINT-CIVIL
40	DESILTING SMALL DRAINS	MAINT-CIVIL
41	HERBICIDE SPRAYING AND GRASS CUTTING	MAINT-CIVIL
42	ARC FOR GRASS CUTTING, MRPL	MAINT-CIVIL
43	ASPHALTING OF ROAD	MAINT-CIVIL
44	PROVIDING & FIXING TOILET UNITS	MAINT-CIVIL
45	GARDEN DEV. & MAINT.	MAINT-CIVIL
46	CLEANING OF OVERHEAD WATER TANKS IN TOWNSHIP QUARTERS , REFINERY AREAAND OTHERS AREA WITH HIGH PRESSURE WATER JET, HIGH PRESSURE INDUSTRIAL VACUUM PUMP AND ANTI BACTERIAL STERILIZATION SPRAY TO ENSURE THE TANKBECOME GERMS FREE.	MAINT-CIVIL

47	BUILDING JOBS	MAINT-CIVIL
48	MISCELLANEOUS CIVIL JOBS	MAINT-CIVIL
49	SANITARY & PLUMBING JOBS	MAINT-CIVIL
50	MISCELLANEOUS CARPENTARY JOBS	MAINT-CIVIL
51	WATERPROOFING WORKS	MAINT-CIVIL
52	PAINTING OF ELECTRICAL EQUIPMENTS	MAINT-ELECTRICAL
53	MAINTENANCE & OPERATION OF CENTRAL & PACKAGE AIR CONDITIONING UNITS INCLUDING ASSOCIATED COOLING TOWERS, AHUS, PACKAGE UNITS, FC UNITS, FRESH AIR CHEMICAL FILTER SYSTEM	MAINT-ELECTRICAL
54	SERVICING OF EOT CRANES IN PLANT AND NON PLANT AREA	MAINT-ELECTRICAL
55	TRANSFORMER GASKET REPLACEMENT & TESTING	MAINT-ELECTRICAL
56	AMC FOR CALIBRATION, PREVENTIVE CHECK UP AND MAJOR REPAIR OF THE PRECISION EQUIPMENTS.	MAINT-ELECTRICAL
57	ARC FOR TOWNSHIP ELECTRICAL MAINTENANCE	MAINT-ELECTRICAL
58	ARC FOR MISCELLANEOUS ELECTRICAL WORKS IN REFINERY AREA.	MAINT-ELECTRICAL
59	ARC FOR MAINTENANCE OF FIRE ALARM SYSTEM	MAINT-ELECTRICAL
60	ARC FOR REPAIR OF SUBMERSIBLE PUMPS. THREE PHASE 1.5KW MODY DEWATERING PUMP, SINGLE PHASE 1.5KW MODY.	MAINT-ELECTRICAL
61	ARC FOR REWINDING OF 415V MOTORS GREATER THAN 75 KW UPTO AND INCLUDING 160KW.	MAINT-ELECTRICAL
62	ARC FOR REWINDING OF 415V MOTORS GREATER THAN 3.7 KW UPTO AND INCLUDING 75KW	MAINT-ELECTRICAL
63	ARC FOR LIGHTING & COMMUNICATION MAINTENANCE IN MRPL PLANT /NON PLANT AREA.	MAINT-ELECTRICAL
64	SERVICES FOR MAINTENANCE OF SPLIT /WINDOW AC'S, WATER COOLERS, DEEFPREEZERS AND REFRIGERATORS	MAINT-ELECTRICAL
65	SERVICES FOR MAINTENANCE OF ELECTRICAL EQUIPMENTS IN PHASE I & II REFINERY, APMC YARD, JETTY AND SARAPADY	MAINT-ELECTRICAL
66	ARC FOR REPAIRS OF PAGERS INCLUDING REPLACEMENT OF SPARES.	MAINT-ELECTRICAL
67	AMC FOR REPAIR OF TELEPHONE INSTRUMENTS AND FAX MACHINES.	MAINT-ELECTRICAL
68	ELECTRICAL WORKS FOR ALL MEDIUM VOLTAGES	MAINT-ELECTRICAL
69	ELECTRICAL WORKS UP TO 11 KV INCLUDING MEDIUM VOLTAGES	MAINT-ELECTRICAL
70	ELECTRICAL WORKS FOR ALL VOLTAGES UP TO & AND ABOVE 11 KV	MAINT-ELECTRICAL
71	REPAIR OF LT MOTORS INCLUDING REWINDING	MAINT-ELECTRICAL
72	REPAIR OF HT MOTORS INCLUDING REWINDING	MAINT-ELECTRICAL
73	OVERHAULING OF TRANSFORMERS & OIL FILTERING	MAINT-ELECTRICAL
74	TRANSFORMER OIL TESTING & DGA ANALYSIS	MAINT-ELECTRICAL
75	CALIBRATION OF ELECTRICAL TESTING INSTRUMENTS	MAINT-ELECTRICAL
76	REPAIR OF ELECTRIC STARTERS & BATTERIES OF DIESEL ENGINES	MAINT-ELECTRICAL
77	TELEPHONE OPERATIONS/MAINTENANCE	MAINT-ELECTRICAL
78	SERVICES FOR NETWORK SWITCHES	MAINT-ELECTRICAL
79	ARC FOR REPAIR OF SUBMERSIBLE PUMPS, THREE PHASE / SINGLE PHASE	MAINT-ELECTRICAL
80	CARRYING OUT VARIOUS INSTRUMENT JOBS IN REFINERY, OM &S, WWTP, CPP AND DURING SHUTDOWN	MAINT-INSTRUMENTATION
81	CARRYING OUT VARIOUS INSTRUMENT JOBS	MAINT-INSTRUMENTATION
82	TESTING OF PROTECTIVE RELAYS	MAINT-INSTRUMENTATION
83	SMOKE DETECTION SYSTEM JOBS	MAINT-INSTRUMENTATION
84	OVERHAULING OF CONTROL VALVES	MAINT-INSTRUMENTATION
85	ARC FOR SARPADY CIVIL JOBS	MAINT-MAINTENANCE PLANNING
86	CATALYST LOADING / UNLOADING JOBS IN INERT ATMOSPHERE	MAINT-MECHANICAL
87	ARC FOR HOT INSULATION JOBS AT REFINERY, OIL JETTY, SARAPADY ETC INCLUDING SUPPLY OF INSULATION MATERIAL	MAINT-MECHANICAL
88	RATE CONTRACT FOR HEAT EXCHANGER TESTING & OVERHAULING JOBS	MAINT-MECHANICAL
89	FOR SCAFFOLDING JOBS AT MRPL FOR CAPEX PROCESS MODIFICATION JOB.	MAINT-MECHANICAL
90	HOT INSULATION JOBS DURING PROCESS UNITS SHUTDOWNS	MAINT-MECHANICAL
91	PIPELINE TESTING & SPADING/ DESPADING JOBS	MAINT-MECHANICAL
92	ANNUAL RATE CONTRACT FOR STRESS RELIEVING JOB.	MAINT-MECHANICAL

93	ARC FOR HOT INSULATION JOBS AT REFINERY,OIL JETTY,SARAPADY	MAINT-MECHANICAL
94	LOADING/UNLOADING OF RESIN, SAND AND ACTIVATED CARBON IN POWER PLANT	MAINT-MECHANICAL
95	SCAFFOLDING FOR COMMISSIONING JOBS	MAINT-MECHANICAL
96	OPERATION AND MAINTENANCE OF MRPL OWNED TANK TRUCK	MAINT-MECHANICAL
97	ANNUAL RATE CONTRACT FOR COMPLETE DISMANTLING,OVERHAULING AND CALIBRATION OF SAFETY VALVES, PVRV'S, GATE, GLOBE, BUTTERFLY, PLUG ANDBALL VALVES OF DIFFERENT RATINGS	MAINT-MECHANICAL
98	ARC FOR OPERATION AND MAINTENANCE OF BITUMEN DRUM FILLING PLANT ANDFILLED DRUMS HANDLING FACILITIES	MAINT-MECHANICAL
99	REMOVAL, CLEANING AND RELOADING OF MEDIA IN FILTERS AT EFFLUENTTREATMENT PLANT PH-I AND PH-II	MAINT-MECHANICAL
100	LETTER WRITING/STENCILING/BAND PAINTING/BACKGROUND PAINTING OF PIPELINENUMBER/EQUIPMENT NAME/TAG NUMBERS/CRANE CAPACITIES, MRPL LOGO, MACHINESERIAL NUMBERS, SAFETY/ ENVIRONMENT SLOGAN & BOARDS, OR MISCELLANEOUSLETTER WRITING ETC. IN ENGLISH/ KANNADA/HINDI LANGUAGES BY ENAMEL PAINT.	MAINT-MECHANICAL
101	FABRICATION OF ALLOY STEEL PIPELINE, ERECTION & TESTING IN REFINERY ONANNUAL RATE CONTRACT.	MAINT-MECHANICAL
102	REPAIR OF ROLLING SHUTTERS IN MRPL INCLUDING TOWNSHIP.	MAINT-MECHANICAL
103	ARC FOR OVERHAULING OF CHAIN PULLEY BLOCK AND MONO BLOCKS.	MAINT-MECHANICAL
104	PIPE LINE TESTING & SPADING/ DESPADING JOBS IN CDU BLOCK PHASE-1/2DURING SHUTDOWN.	MAINT-MECHANICAL
105	ANNUAL RATE CONTRACT FOR FABRICATION OF PIPELINE AND STRUCTURALS FORMAINTENANCE JOBS IN REFINERY PROCESS UNITS	MAINT-MECHANICAL
106	BLINDING, OPENING, CLEANING AND TESTING OF VESSELS AND COLUMNS	MAINT-MECHANICAL
107	OVERHAULING( OPENING, CLEANING , TESTING & BOXUP )OF HIGH PRESSUREHEAT EXCHANGER	MAINT-MECHANICAL
108	RE-TUBING OF OVER HEAD FIN FAN COOLER BUNDLE	MAINT-MECHANICAL
109	ONLINE HEATER APH CHEMICAL CLEANING.	MAINT-MECHANICAL
110	BLINDING , PLUG OPENING. PLUG BOX UP, HYDROTESTING & DEBLINDING	MAINT-MECHANICAL
111	HEAT EXCHANGER / COOLER / AIR COOLERS OPENING, CLEANING AND TESTING DURING SHUTDOWN	MAINT-MECHANICAL
112	ARC FOR STRESS RELIEVING JOBS	MAINT-MECHANICAL
113	REPAIR/ WELDING OF BEAMS AT SARPADY INCLUDING PAINTING, ERECTION ANDREMOVAL	MAINT-MECHANICAL
114	ANNUAL RATE CONTRACT FOR FABRICATION OF PIPELINE AND OTHER STRUCTURALFOR PROCESS MODIFICATION JOBS IN REFINERY PROCESS UNITS	MAINT-MECHANICAL
115	PAINTING JOBS DURING SHUTDOWN	MAINT-MECHANICAL
116	REPAIR AND REPLACEMENT OF BATTERY : REPAIR OF MICROLOG CMVA65	MAINT-MECHANICAL
117	HOUSEKEEPING, CLEANING OF EQUIPMENTS	MAINT-MECHANICAL
118	CLEANING , SUPPLY & PAINTING WITH HEAT RESISTANT ALLUMINIUM PAINT	MAINT-MECHANICAL
119	ERECTION OF SCAFFOLDING INSIDE HEATERS AND EXTERNAL SURFACE TUBESCLEANING	MAINT-MECHANICAL
120	RATE CONTRACT FOR HEAT EXCHANGER TESTING & OVERHAULING JOBS	MAINT-MECHANICAL
121	CLEANING OF CRUDE OIL STORAGE TANKS	MAINT-MECHANICAL
122	VESSELS CLEANING DURING SHUTDOWNS	MAINT-MECHANICAL
123	CHIMNEY SOOT REMOVAL	MAINT-MECHANICAL
124	ACID/ALKALI SYSTEM MAINTENANCE INSIDE REFINERY	MAINT-MECHANICAL
125	ARC FOR RETUBING OF HEAT EXCHANGERS	MAINT-MECHANICAL
126	ARC FOR ALLUMINIUM WORK	MAINT-MECHANICAL
127	SUPPLY AND ERECTING OF VENITIAN BLINDS	MAINT-MECHANICAL
128	OPENING, CLEANING & PRESSURE TESTING OF VESSEL	MAINT-MECHANICAL
129	STRUCTURAL STEEL JOBS	MAINT-MECHANICAL
130	PAINTING AND SHOTBLASTING WORKS INCLUDING BUILDING PAINTING	MAINT-MECHANICAL
131	HYDROBLASTING OF HEAT EXCHANGER TUBES	MAINT-MECHANICAL
132	ONLINE STEAM LEAK SEALING SERVICES	MAINT-MECHANICAL
133	TANK CLEANING AND SLUDGE REMOVAL	MAINT-MECHANICAL
134	FABRICATION/ERECTION OF NON IBR PIPING & STRUCTURALS,BLINDING ETC. & MISC MECHANICAL REPAIRS OF COLUMNS/VESSELS/REACTORS/HEATERS ETC. & ERECTION	MAINT-MECHANICAL
135	CRITICAL/SHUTDOWN MECHANICAL JOBS	MAINT-MECHANICAL

136	MAINTENANCE OF ROTARY EQUIPMENT	MAINT-MECHANICAL
137	SCAFFOLDING JOBS	MAINT-MECHANICAL
138	MACHINING JOBS	MAINT-MECHANICAL
139	HEAT EXCHANGER RETUBING JOBS	MAINT-MECHANICAL
140	HEAT EXCHANGER TESTING JOBS	MAINT-MECHANICAL
141	HEAT EXCHANGER-HIGH PRESSURE-TESTING JOBS	MAINT-MECHANICAL
142	RELIEF VALVE SERVICING & TESTING	MAINT-MECHANICAL
143	TESTING OF TOOLS/TACKLES/SLINGS	MAINT-MECHANICAL
144	TESTING OF CRANES	MAINT-MECHANICAL
145	HDPE PIPING WORKS	MAINT-MECHANICAL
146	SEALING/STRENGTHENING JOB ON TANKAGES/PIPELINES	MAINT-MECHANICAL
147	REFRACTORY LINING WORKS	MAINT-MECHANICAL
148	RE-METALLING OF BEARINGS	MAINT-MECHANICAL
149	INSULATION JOBS	MAINT-MECHANICAL
150	HIRING OF CRANES	MAINT-MECHANICAL
151	FRP/FRE LINING & EPOXY COATING WORKS	MAINT-MECHANICAL
152	CATHODIC PROTECTION SERVICES	MAINT-MECHANICAL
153	CHEMICAL CLEANING OF BOILERS	MAINT-MECHANICAL
154	AIRCONDITIONING/REFRIGERATION JOBS/DUCTING JOBS	MAINT-MECHANICAL
155	REPAIRS & MODIFICATION OF COOLING TOWERS	MAINT-MECHANICAL
156	REPAIRS TO HYDRO CARBON TANKS	MAINT-MECHANICAL
157	REPAIR OF LPG SPHERES	MAINT-MECHANICAL
158	OPERATION AND MAINTENANCE OF MRPL KASARGOD DEPOT	MARKETING
159	WEIGH BRIDGE SERVICES	MARKETING
160	SERVICES FOR TANKER OPERATION AT JETTY	MARKETING
161	TRANSPORTATION CONTRACT FOR PACKED BITUMEN	MARKETING-MARKETING
162	TRANSPORTATION CONTRACT FOR WHITE OIL	MARKETING-MARKETING
163	TRANSPORTATION OF PACKED BITUMEN (EX-MANGALORE TO KASARGOD,HINDUPUR &HOSUR).	MARKETING-MARKETING
164	CARRYING OUT OF JOBS AT KADRI RETAILS OUTLET SUB STATION WORK	MARKETING-MARKETING
165	PROVIDING E PROCUREMENT PLATFORM INCLUDING REVERSE AUCTION	MATERIALS
166	MATERIAL HANDLING SERVICES	MATERIALS
167	SCANNING OF A4 AND A3 SIZE DOCUMENTS	MATERIALS
168	REPAIRING / REPLACING WITH NEW ROLLING SHUTTER WITH ALL ACCESSORIESINCLUDING WALL FIXING, MASONRY WORK IF REQUIRED	MATERIALS
169	PROVIDING SERVICES FOR OPERATION AND MAINTENANCE OF FORK LIFT ONDAILY BASIS DURING OFFICE HOURS	MATERIALS
170	CUSTOM CLEARANCE FOR ONE YEAR OF ALL IMPORTED CARGOES LIKE CHEMICALS,CATALYSTS, EQUIPMENTS, SPARES, ETC. BY SEA / AIR	MATERIALS
171	ARC FOR LETTERING	MATERIALS
172	ADVERTISEMENT SERVICES	MATERIALS
173	PROVIDING SERVICES OF TIPPER ( CAP : 4.5 CU.MTR. ) FOR SHIFTING VARIOUS MATERIALS VIZ., SULPHUR, SAND BAGS, CARBON , ETC. FROM & TOVARIOUS UNITS OF REFINERY & OTHER PLACES	OPERATIONS
174	SULPHUR HANDLING IN HYDROGEN BLOCK	OPERATIONS
175	CLEANING OF CHEMICAL / CATALYST DRUMS PRIOR TO DISPOSAL, UNLOADING /LOADING OF MATERIAL TO NEUTRALISATION PIT ETC.	OPERATIONS
176	PROVIDING SERVICE OF HOUSEKEEPING & JANITORIAL SERVICES	OPERATIONS
177	TANKER OPERATION AT JETTY	OPERATIONS
178	OPERATION OF WATER TREATMENT PLANT	OPERATIONS
179	AMC FOR FIRE EXTINGUISHERS	OPERATIONS-FIRE AND SAFETY
180	SURVEY JOBS	TECH SERVICE-DESIGN & ENGINEERING
181	DRAFTING SERVICES FOR ENGG. DEPT.	TECH SERVICE-DESIGN & ENGINEERING
182	UT SURVEY & DOCUMENTATION	TECH SERVICE-INSPECTION
183	LAISONING WITH THE DEPARTMENT OF LEGAL METROLOGY FOR OBTAININGCERTIFICATE OF CALIBRATION (AFTER VERIFICATION) FOR STORAGE TANKS, LPGSPHERES/BULLETS AND MASS FLOW METERS	TECHNICAL SERVICES

184	MARINE CARGO SURVEY OF OCEAN TANKERS	TECHNICAL SERVICES
185	RE-CALIBRATION OF VARIOUS STORAGE TANKS	TECHNICAL SERVICES
186	DESIGN / FABRICATION / ERECTION OF TANKS	TECHNICAL SERVICES
187	FABRICATION/ERECTION OF SPHERES/BULLETS	TECHNICAL SERVICES
188	CONSULTANCY SERVICES	TECHNICAL SERVICES
189	TESTING OF WATER SAMPLES	TECHNICAL SERVICES
190	SAMPLE ANALYSIS OF EFFLUENT/EMISSION	TECHNICAL SERVICES
191	VIDEOGRAPHY SERVICES	TECHNICAL SERVICES
192	INSPECTION SERVICES	TECHNICAL SERVICES - INSPECTION
193	THICKNESS SURVEY OF PIPING	TECHNICAL SERVICES - INSPECTION
194	TEST & CHEMICAL ANALYSIS OF MATERIALS	TECHNICAL SERVICES - INSPECTION
195	HORTICULTURE JOBS	TECHNICAL SERVICES- ENVIRONMENT
196	CALIBRATION OF HYDROCARBON TANKS	TECHNICAL SERVICES- INSPECTION
197	INSPECTION OF LPG SPHERES	TECHNICAL SERVICES- INSPECTION
198	IBR JOBS LIKE PIPING, BOILER ETC	TECHNICAL SERVICES- INSPECTION
199	RADIOGRAPHY/ULTRASONIC TESTING	TECHNICAL SERVICES- INSPECTION
200	NON-DESTRUCTIVE TESTING	TECHNICAL SERVICES- INSPECTION
201	SURVEYING OF TANKS FOR PLT	TECHNICAL SREVICES