


	<p>Vedanta Limited (formerly known as Sesa Sterlite Ltd./ Sesa Goa Ltd.), a subsidiary of Vedanta Resources plc. is one of the world's leading diversified natural resource companies. With business operations in India, South Africa, Australia, Ireland, Namibia, Liberia and Sri Lanka; Vedanta is a leading producer of Oil & Gas, Zinc, Lead, Silver, Copper, Iron Ore, Aluminium and Commercial Power.</p>
<p>Expression of Interest Bulk Material Supplies</p>	<p>Last Date of Submission 25 August 2017</p>
<p>Hindustan Zinc Limited (HZL), a subsidiary of Vedanta Limited in Zinc - Lead - Silver - Wind Energy business and world's leading integrated producer of Zinc, invites Expression of Interest for bulk material supplies to all HZL Mines & Smelters from various commodity suppliers.</p>	
<p>For Details please refer below Pages(1-13)</p>	
<p>Interested parties having relevant experience can submit expression of interest on below address with the following details : Experience details including orders executed with client references, order value, delivery time, company profile financial result for last three years and projection for current year, details of manufacturing facilities and ISO and other accreditations.</p>	
 <p>1.0+ MILLION MT METAL PRODUCTION</p>	 <p>10.25 MILLION MT ORE PRODUCTION</p>
 <p>HINDUSTAN ZINC WORLD'S LARGEST INTEGRATED ZINC PRODUCER www.hzindia.com</p>	
<p>Head (Commodity) Hindustan Zinc Limited CRDL Building, Zinc Smelter, Debari- 313024, Dist.- Udaipur (Rajasthan) Mobile no.: 9799006238, 7726000232, 7568188262 website: www.hzindia.com</p>	

Small Description	Long Description
XANTHATE	<p>MATERIAL NAME: SODIUM ISOPROPYL XANTHATE(SIPX), PACKAGING: 50KG HDPEBAGS, APPEARANCE: POWDER, FLAKES, PALLETS, COLOR: PALE YELLOW, SIPXCONCENTRATION: MIN 78.0%, ALKALINITY AS NAOH(WITH 0.1 N HCL): MAX 2.0%,MOISTURE <(>&<)> VM CONTENT: MAX 6.0%, SULPHIDE: MAX 3.0%, THIOCARBONATE: MAX0.07</p>
	<p>MATERIAL NAME : POTASSIUM ETHYL XANTHATE(PEX), PACKAGING: 50KG HDPEBAGS, APPEARANCE: POWDER, FLAKES, PALLETS , COLOR: PALE YELLOW, PEXCONCENTRATION: MIN 80.0%, ALKALINITY AS KOH(WITH 0.1 N HCL): MAX 2.0%,MOISTURE <(>&<)> VM CONTENT: MAX 5.0%, SULPHIDE: MAX 4.0%, THIOCARBONATE: MAX0.07</p>
GRINDING MEDIA	<p>MATERIAL NAME: GM BALLS HICHROME - 20MM, PACKAGING: 1TE BAGS, SIZE: 20MM+ - 2MM, SURFACE HARDNESS: MIN 60 HRC, CORE HARDNESS: MIIN 60 HRC,RETAINED AUSTENITE: MAX 8.0%, MICROSTRUCTURE: THE BALLS SHALL HAVEUNIFORM METALLORGAPHICAL STRUCTURE THROUGH OUT THE CROSS SECTION HAVINGSTABLE TEMPERED FINE MARTENSITIC MATRIX WITH EVENLY DISPERSED SECONDARYULTRA HARD C2 TYPE TRIGONAL CARBIDES, CARBON: 2.0% -3.5%, CHROMIUM: MIN17.0%, SILICON: MAX 0.9%, SULPHUR: MAX 0.06%, PHOSPHOROUS: MAX 0.06%,MOLYBDENUM: MAX 0.4%, NICKEL: MAX 0.4%</p>
	<p>MATERIAL NAME: GM BALLS HICHROME - 40MM, PACKAGING: 1TE BAGS, SIZE: 40MM+- 2MM, SURFACE HARDNESS: MIN 60 HRC, CORE HARDNESS: MIN 60 HRC,RETAINED AUSTENITE: MAX 8.0%, MICROSTRUCTURE: THE BALLS SHALL HAVEUNIFORM METALLORGAPHICAL STRUCTURE THROUGH OUT THE CROSS SECTION HAVINGSTABLE TEMPERED FINE MARTENSITIC MATRIX WITH EVENLY DISPERSED SECONDARYULTRA HARD C2 TYPE TRIGONAL CARBIDES, CARBON: 2.0% -3.5%, CHROMIUM: MIN17.0%, SILICON: MAX 0.9%, SULPHUR: MAX 0.06%, PHOSPHOROUS: MAX 0.06%,MOLYBDENUM: MAX 0.4%, NICKEL: MAX 0.4%</p>
	<p>MATERIAL NAME: GM BALLS HICHROME - 80MM, PACKAGING: 1TE BAGS, SIZE: 80MM+- 2MM, SURFACE HARDNESS: MIN 60 HRC, CORE HARDNESS: MIIN 60 HRC,RETAINED AUSTENITE: MAX 8.0%, MICROSTRUCTURE: THE BALLS SHALL HAVEUNIFORM METALLORGAPHICAL STRUCTURE THROUGH OUT THE CROSS SECTION HAVINGSTABLE TEMPERED FINE MARTENSITIC MATRIX WITH EVENLY DISPERSED SECONDARYULTRA HARD C2 TYPE TRIGONAL CARBIDES, CARBON: 2.0% -3.5%, CHROMIUM: MIN17.0%, SILICON: MAX 0.9%, SULPHUR: MAX 0.06%, PHOSPHOROUS: MAX 0.06%,MOLYBDENUM: MAX 0.4%, NICKEL: MAX 0.4%</p>

	<p>MATERIAL NAME: GM BALLS HICHROME - 90MM, PACKAGING: 1TE BAGS, SIZE: 90MM+- 2MM, SURFACE HARDNESS: MIN 60 HRC, CORE HARDNESS: MIIN 60 HRC,RETAINED AUSTENITE: MAX 8.0%, MICROSTRUCTURE: THE BALLS SHALL HAVEUNIFORM METALLOGAPHICAL STRUCTURE THROUGH OUT THE CROSS SECTION HAVINGSTABLE TEMPERED FINE MARTENSITIC MATRIX WITH EVENLY DISPERSED SECONDARYULTRA HARD C2 TYPE TRIGONAL CARBIDES, CARBON: 2.0% -3.5%, CHROMIUM: MIN17.0%, SILICON: MAX 0.9%, SULPHUR: MAX 0.06%, PHOSPHOROUS: MAX 0.06%,MOLYBDENUM: MAX 0.4%, NICKEL: MAX 0.4%</p>
GM FORGED	<p>BALL,METALLIC,TYPE: GRINDING MEDIA,APPLICATION: SAG MILL,MATERIAL:LOW-CHROME CAST STEEL,SIZE: 125 MM +- 3MM, VOLUMETRIC HARDNESS: GREATER THAN 32 HRC, SHAPE: ALL BALL SHALL BE SPHERICAL IN SIZE, EXTERNALAPPEARANCE: ALL BALL SHALL BE WITH GOOD SURFACE FINISH, CASTING DEFECTS:THE CASTING SHALL BE SOUND AND FREE FROM CASTING DEFECTS LIKE BLOW HOLE,CARBON: 0.78 TO 0.95 PERCENT, CHROMIUM: 0.85 TO 1.10 PERCENT, SULPHUR:MAXIMUM 0.06 PERCENT, PHOSPHORUS: MAXIMUM 0.06 PERCENT, MANGANESE: 0.85TO 1.10 PERCENT, MAKE: MAGOTTEAUX</p>
	<p>BALLGRD,FORGED STEEL,40MMDETAIL SPECIFICATION:-C-0.75 TO 0.80%,MN- 0.65 TO 0.80%,SI- 0.15 TO0.35%,CR 0.25 TO 0.35%,MO 0.03-0.05%,P-.03% MAX,S-.03% MAX,NI-0.15% MAX<(>&<)> CU-0.40% SIZE-40 MM +-3MM SURFACE HARDNESS->60 HRC</p>
GRINDING ROD	<p>BAR,ROUND,METALLIC,TYPE: ROD,GRINDING,PACKAGING: LOOSE, DIAMETER: 90 MM+- 1.5 MM, LENGTH: 3400 MM +- 25 MM, SURFACE HARDNESS: 300 TO 350 BHN,CORE HARDNESS: 270 TO 300 BHN, STRAIGHTNESS: 1.0 MM PER METER, MATERIALCOMPOSITION: CARBON: 0.85 TO 0.95 PERCENT, MANGANESE: 0.70 TO 0.9PERCENT, SILICON: 0.15 TO 0.45 PERCENT, PHOSPHOROUS: 0.04 PERCENTMAXIMUM, SULPHUR: 0.05 PERCENT MAXIMUM, COPPER: 0.35 PERCENT MAXIMUM,CHROMIUM: 0.1 TO 0.5 PERCENT, MOLYBDENUM: 0.04 TO 0.3 PERCENT, NICKEL:0.1 PERCENT MAXIMUM, MICROSTRUCTURE: MORE THAN 60 PERCENT PEARLITE</p>
	<p>MATERIAL NAME: GRINDING RODS 100MM, PACKAGING: LOOSE, DIAMETER: 100MM +-1.5MM, LENGTH: 4500 +- 25 MM, SURFACE HARDNESS: 300 BHN TO 350 BHN,COREHARDNESS: 270 BHN TO 300 BHN, STRAIGHTNESS: 1.0MM PER METER,CARBON:0.85% TO 0.95%, MANGANESE: 0.70% TO 0.9%, SILICON: 0.15% TO0.45%,PHOSPHOROUS: MAX 0.04 %, SULPHUR: MAX 0.05%, COPPER: MAX 0.35%,CHROMIUM:0.1% TO 0.5%, MOLYBDENUM: 0.04% TO 0.3%, NICKEL: MAX 0.1 %MICROSTRUCTURE: MORE THAN THAN 60 % PEARLITE</p>
NIGROSINE	<p>MATERIAL NAME: NIGROSINE, PACKAGING: 50KG HDPE BAGS, APPEARANCE: BLACKPOWDER, NIGROSINE CONCENTRATIONS: MIN 96.0%, SOLUBILITY IN 1% SOLUTION:MIN 99.8%</p>
SODIUM CYANIDE	<p>MATERIAL NAME: SODIUM CYANIDE(NACN), PACKAGING: 95KG DRUMS, APPEARANCE:WHITE TABLET, NACN CONCENTRATION: MIN 98.0%, NAOH + NA2CO3: MAX 1.0%,SODIUM FORMATE: MAX 0.5%, SODIUM CHLORIDE: MAX 0.02%</p>

MIBC	MATERIAL NAME: METHYL ISO BUTYL CARBINOL(MIBC), PACKAGING: 170KG DRUMS,APPEARANCE: CLEAR TRANSPARENT LIQUID , SPECIFIC GRAVITY AT ROOMTEMPERATURE: 0.78 TO 0.79, MIBC CONCENTRATION: MIN 98.0 %, WATERCONTENT: MAX 0.2%, ACIDITY AS ACETIC ACID: MAX 0.005%
HYDRATED LIME	CHEMICAL,SCIENTIFIC NAME: CALCIUM HYDROXIDE,FORMULA: CA(OH)2,ALTERNATIVENAME: HYDRATED LIME,APPEARANCE: WHITE DRY POWDER,FORM OF SUPPLY: 50 KGHDPE BAGS, (SLAKED LIME), MESH SIZE (BSS): (-)100 MESH: 95.0 PERCENTMINIMUM, (-) 200 MESH: 90.0 PERCENT MINIMUM, MOISTURE: 2.5 PERCENTMAXIMUM, CONCENTRATION: 85.0 PERCENT MINIMUM, MAGNESIUM OXIDE: 2.0PERCENT MAXIMUM, ACID INSOLUBLE MATTER: 1.5 PERCENT MAXIMUM
	CHEMICAL,SCIENTIFIC NAME: CALCIUM HYDROXIDE,FORMULA: CA(OH)2,ALTERNATIVENAME: HYDRATED LIME,APPEARANCE: WHITE DRY POWDER,FORM OF SUPPLY: BULKER,(SLAKED LIME), MESH SIZE (BSS): (-)100 MESH: 95.0 PERCENT MINIMUM, (-)200 MESH: 90.0 PERCENT MINIMUM, MOISTURE: 2.5 PERCENT MAXIMUM,CONCENTRATION: 85.0 PERCENT MINIMUM, MAGNESIUM OXIDE: 2.0 PERCENTMAXIMUM, ACID INSOLUBLE MATTER: 1.5 PERCENT MAXIMUM
QUICK LIME	CHEMICAL,SCIENTIFIC NAME: CALCIUM OXIDE,FORMULA: CAO,ALTERNATIVE NAME:QUICK LIME,APPEARANCE: WHITE DRY POWDER,FORM OF SUPPLY: BULKER,MESH SIZE(BSS): (-)100 MESH: 95.0 PERCENT MINIMUM, (-)200 MESH: 90.0 PERCENTMINIMUM, MOISTURE: 2.5 PERCENT MAXIMUM, CONCENTRATION: 85.0 PERCENTMINIMUM, MAGNESIUM OXIDE: 2.0 PERCENT MAXIMUM, SILICON DIOXIDE LESS THAN2.5 PERCENT
LIMESTONE	LIMESTONE CHIPS(CALCIUM CARBONATE, CHALK), PACKAGING: BULK, APPEARANCE:CHIPS, MESH SIZE: (+)8MM - NIL, (+)6MM TO (-)8MM - MAX 10.0%, (+)52MESHTO (-)6MM - MIN 85.0%, (-)52MESH - MAX 15.0%, MOISTURE: MAX 1.0%, CAO%:MIN 52.0%, SIO2%: MAX 3.0%, MGO: MAX 1.0%
LIMESTONE	LIMESTONE CHIPS,SIZE-30-50MM CAO 50% MIN,CO2 39%,SIO2 3%, MGO2.2%,AL2O3 1.5%
SODA FLAKE	CAUSTIC SODA FLAKES(SODIUM HYDROXIDE), PACKAGING: 50KG HDPE BAGS,APPEARANCE: WHITE FLAKES, NAOH CONCENTRATION: MIN 99.5%, CHLORIDES: MAX0.001
CAUSTIC LYE	CHEMICAL,APPLICATION: TEST,SCIENTIFIC NAME: CAUSTIC SODA LYE
FLOCULANT AGENT	CHEMICAL,SCIENTIFIC NAME: MAGNAFLOC-155
	CHEMICAL,SCIENTIFIC NAME: MAGNA FLOC E 351/FLOMIN 4947
	CHEMICAL,SCIENTIFIC NAME: MAGNO FLO-338/FLOMIN-4953
	FLOCULANT AGENT
	CHEMICAL,TYPE: FLOCCULANT,APPLICATION: DOMESTIC WATER TREATMENT,MAGNAFLOC5250, MAKE: NALCO
SALT	CHEMICAL,SCIENTIFIC NAME: COMMON SALT,FORM OF SUPPLY: 50 KG BAG, RAW,ROCK, SALINE, (AS NACL), PERCENTAGE BY MASS: GREATER THAN 97 PERCENTAGE
LIQUOR AMMONIA	CHEMICAL,SCIENTIFIC NAME: LIQUOR AMMONIA,FORMULA: NH3,PURITY: MIN 20 %,(AMMONIUM HYDROXIDE), PACKAGING: TANK, PERCENTAGE BY MASS
COPPER SULFATE	MATERIAL NAME: COPPER SULFATE, PACKAGING: 1TE BAGS, APPEARANCE: BLUEGRANULES, CU% IN CUSO4: MIN 24.5%, IRON: MAX 0.3%, ZINC: MAX

	500 PPM,INSOLUBLE MATTER: MAX 0.2%, PH OF 5% SOLUTION: MIN 3, CHLORIDES: MAX0.0001
AMMONIUM NITRATE PRILLED	AMMONIUM NITRATE PRILLED
IRON ORE	IRON ORE FLUX SIZE-<(><<)> 3MM,FE=48%,S,10%
HEXAFLOUROSILICIC ACID	MATERIAL NAME: HEXAFLOUROSILICIC ACID(SILICOFLOURIC ACID), LIQUID,PACKAGING: LIQUID TANKER, APPEARANCE: TRANSPARENT LIQUID, SPECIFICGRAVITY: 1.20 TO 1.22, H2SIF6 CONCENTRATION: MIN 20.0%, CHLORIDES: MAX550PPM, IRON: MAX 200PPM
SODA ASH	SODA ASH(SODIUM CARBONATE), PACKAGING: 50KG HDPE BAGS, APPEARANCE: FREEFLOWING WHITE POWDER, BULK DENSITY: 550 TO 750 KG PER M3, NA2CO3CONCENTRATION: MIN 98.5%, INSOLUBLE: MAX 0.15%, CHLORIDES: MAX 1.0%,VOLATILE MATTER: MAX 2.0%
	CHEMICAL,SCIENTIFIC NAME: SODA ASH,FORMULA: NA2CO3,APPEARANCE: WHITEPOWDER,PURITY: 98.5 %,CAS NUMBER: 497-19-8,BULKER
SODIUM SULPHATE	CHEMICAL,TYPE: ANHYDROUS,SCIENTIFIC NAME: GLAUBERS SALT,FORMULA:NA2SO4,ALTERNATIVE NAME: SODIUM SULPHATE,APPEARANCE: WHITECRYSTAL,SPECIFIC GRAVITY: 2.664 GM/CC,PURITY: 99 % MIN,CAS NUMBER:7757-82-6,FORM OF SUPPLY: 1 MT JUMBO BAG/50 KG,PACKAGING BAG MATERIAL:HIGH DENSITY POLYETHYLENE, POWDERY WITHOUT ANY LUMP, MOISTURE: MAXIMUM0.2 PERCENT, CALCIUM AND MAGNESIUM: MAXIMUM 0.15 PERCENT, PH OF 10PERCENT SOLUTION: 5 TO 10, CHLORIDES: MAXIMUM 0.35 PERCENT, COD: MAXIMUM3500 PPM
	ANHYDROUS SODIUM SULPHATE(GLAUBERS SALT), PACKAGING: 50KG HDPE BAGS,APPEARANCE: WHITE CRYSTAL, POWDERY WITHOUT ANY LUMP, MOISTURE: MAX 0.2%,NA2SO4 CONCENTRATION: MIN 99.0%, CA <(>&<)> MG: MAX 0.15%, PH OF 10%SOLUTION:8 TO 10, CHLORIDES: MAX 0.35%, COD: MAX 400PPM
NON FERRIC ALUM	CHEMICAL,TYPE: NON-FERRIC,SCIENTIFIC NAME: ALUMINIUM,FORMULA:AL,APPEARANCE: WHITE,PURITY: 100 %,FORM OF SUPPLY: POWDER, (ALUMINUMSULPHATE), PACKAGING: 50 KG BAGS, ALUMINUM (AS A1203) PERCENTAGE BYMASS: GREATER THAN 17 PERCENTAGE, INSOLUBLE MATTER, PERCENTAGE BY MASS:LESS THAN 0.3 PERCENTAGE, PH (OF 5 PERCENTAGE SOLUTION): GREATER THAN2.8, IRON (AS FE), PERCENTAGE BY MASS: LESS THAN 0.01 PERCENTAGE
ALU. FERRIC	MATERIAL: ALUMINIUM,MODEL/TYPE: ALUMINA FERRIC,FORM: RECTANGLE, FERRICAMMONIUM SULFATE (AMMONIUM IRON(III)SULFATE), PACKAGING: BULK,SPECIFICATION AS PER IS 299:1989, ALUMINOFERRIC GRADE: 2, SOLUBLE IRONCOMPOUND (AS FE), PERCENTAGE BY MASS: < 0.7 PERCENTAGE, WATER SOLUBLEALUMINUM COMPOUNDS (AS AL2O3) PERCENTAGE BY MASS: > 15 PERCENTAGE,INSOLUBLE MATTER, PERCENTAGE BY MASS: < 0.5 PERCENTAGE, PH (OF 5PERCENTAGE AQUEOUS SOLUTION): > 2.7, FREE ACIDITY (AS H2SO4), BASICITY(AS AL2O3) PERCENTAGE BY MASS: < 0.5 PERCENTAGE
SODIUM HYPOCHLORITE	MATERIAL NAME: SODIUM HYPOCHLORITE(BLEACH), LIQUID, PACKAGING: TANKER,APPEARANCE: TRANSPARENT LIQUID, SPECIFIC GRAVITY: 1.1 - 1.2, AVAILABLECHLORINE: MIN 110 GPL, ALKALINITY(MEASURED BY HCL): MIN

	14GPL
STRONTIUM CARBONATE	MATERIAL NAME: STRONTIUM CARBONATE, PACKAGING: PALLET PACKAGING, APPEARANCE: WHITE POWDER, SRCO3 CONCENTRATION: MIN 98.5%, CHLORIDES: MAX50PPM, IRON: MAX 20PPM
AMM. CLO.	AMMONIUM CHLORIDE(NUSHADIR SALT), PACKAGING: 50KG HDPE BAGS, APPEARANCE: WHITE POWDER, MOISTURE: MAX 0.1%, NH4CL CONCENTRATION: MIN 98.5%, IRON: MAX 10PPM, PH: 4.5 TO 5
HYDROGEN PEROXIDE	CHEMICAL, SCIENTIFIC NAME: HYDROGEN PEROXIDE, PACKAGING: TANK, PERCENTAGE BY MASS: GREATER THAN 48 PERCENTAGE
IRON PYRITE	MATERIAL NAME: IRON PYRITE (IRON SULPHIDE), PACKAGING: BULK, MESH SIZE: (+)100MESH - MAX 2.0%, (-)100MESH TO (+)200MESH - MAX 35.0%, (-)200MESH - MIN 63.0%, MOISTURE: MAX 7.0%, FE%: MIN 45.0%, SULPHUR%: MIN 50.0%, ARSENIC%: MAX 0.05%, LEAD: MAX 0.1%, ZINC: MAX 0.1%
GUM ARABIC	MATERIAL NAME: GUM ARABIC (ACACIA GUM, CHAAR GOOND), PACKAGING: 50KG HDPE BAGS, SOLUBILITY IN WATER AT 50 DEGREE C: MIN 99.5%, LOSS ON IGNITION: MIN 96.0%, INSOLUBLE MATTER: MAX 1.0%, PH OF 5% SOLUTION: 4 TO 5, TOTAL ASH: MAX 4.0%. IRON CONTENT IN ASH: MAX 5PPM
CHARCOAL	CHEMICAL, SCIENTIFIC NAME: ACTIVATED CHARCOAL, 1. DECOLOURISING POWER MG/GGM/MIN: 90, 2. MOISTURE % BY MASS: MAXIMUM 8, 3. ASH % BY MASS: MAXIMUM 40, 4. MATTER SOLUBLE IN WATER % BY MASS MAXIMUM: 1.3, 5. MATTER SOLUBLE IN ACID % BY MASS MAXIMUM: 4.85, 6. PH: 7.5 +/- 0.5 7. FINENESS 95%-100 MESH
HYDROCHLORIC ACID	CHEMICAL, SCIENTIFIC NAME: HYDROCHLORIC ACID, (HYDROGEN CHLORIDE), PACKAGING: 50 KG DRUMS, TOTAL ACIDITY (AS HCl), PERCENTAGE BY MASS: GREATER THAN 26 PERCENTAGE, SULPHATES, AS H2SO4: NOT PRESENT IN QUALITATIVE TEST
LIQ O2	GAS, TYPE: OXYGEN, STATE: LIQUID, FORM OF SUPPLY: TANKS, MINIMUM PURITY: 99 PERCENTAGE, SUPPLIER OR THIRD PARTY TEST CERTIFICATE MANDATORY
LIQ CO2	CHEMICAL, SCIENTIFIC NAME: CARBON DIOXIDE, APPEARANCE: LIQUID, IS 307- 1966, GRADE: 1
SOD NITRATE	CHEMICAL, SCIENTIFIC NAME: SODIUM NITRATE, FORM OF SUPPLY: 50 KG BAG, BY MASS: GREATER THAN 98.5 PERCENTAGE
CALCIUM CHLORIDE	CHEMICAL, SCIENTIFIC NAME: CALCIUM CHLORIDE, FORMULA: CaCl2, PACKAGING: 25KG BAGS, SIZE: +2 MM GREATER THAN 8 AND LESS THAN 18 PERCENTAGE, SIZE: -2 MM + 52 MESH GREATER THAN 40 PERCENTAGE, SIZE: - 100 MESH LESS THAN 25 PERCENTAGE, MASS: GREATER THAN 96 PERCENTAGE
SODIUM SILICATE	CHEMICAL, SCIENTIFIC NAME: SODIUM SILICATE, APPEARANCE: LIQUID, FORM OF SUPPLY: TANK, TOTAL SOLUBLE SILICATES, BY MASS: GREATER THAN 42 PERCENTAGE, RATIO OF TOTAL SOLUBLE SILICA (AS SiO2) TO TOTAL ALKALINITY (AS Na2O) (SiO2: Na2O): GREATER THAN 2.1 AND LESS THAN 20.3
GLUE	IN PLATE OR FINE PARTICLE SHAPE, GOLDEN COLOR HALF TRANSPARENCY, HARDENING STRENGTH (12.5% SOLUTION) = 200 BLOOM G VISCOSITY = 6.0 MPA.S AT 12.5% SOLUTION ASH CONTENT = 2.5% PH (1% SOLUTION) = 5.5~7.0 WATER INSOLUBLE SUBSTANCE = <(><<>>0.2% HEAVY METALS LIKE Pb, ETC = <(><<>>50 PPM
MEXTRAL	CHEMICAL, SCIENTIFIC NAME: MEXTRAL 54-100, APPEARANCE: YELLOW, PURITY: 100, CAS NUMBER: NOT KNOWN, FORM OF SUPPLY: DRUMS, BETA DIKETONE, COPPER EXTRACTANT, VISCOSITY: 20 CP, SIMILAR TO

	LIX 54-100
BAG CEMENT	MATERIAL NAME: CEMENT OPC 43, 50KG HDPE BAGS, FINENESS: 225M2 PER KG,SOUNDNESS: MAX 0.8%(BY AUTOCLAVE METHOD), SOUNDNESS: MAX 10MM(BYLECHATLIER METHOD), SETTLING TIME: INITIAL MAX 30 MIN, FINAL MAX 600MIN, COMPRESSIVE STRENGTH: 72+ - 1HR - MIN 23MPA, 168+ - 2HR - MIN33MPA, 672+ - 4HR - MIN 33MPA, CAO%: MAX 58%, (CAO - 0.7SO3):(2.8SIO2+1.2AL2O3+0.65FE2O3) - 0.66 - 1.02, AL2O3:FE2O3 -0.66, MGO: MAX 6.0%,SO3: MAX 2.5%(IF C3A IS LESS THAN 2.5%) <(>&<)> 2.5%(IF C3A IS MORE THAN5%),INSOLUBLE RESIDUE: MAX4.0%
BULKER CEMENT	CEMENT,TYPE: ORDINARY PORTLAND,GRADE: GR 43, BULK, FINENESS: 225 SQ.MPER KG, SOUNDNESS: 0.8 % MAXIMUM (BY AUTOCLAVE METHOD), SOUNDNESS: 10 MMMAXIMUM (BY LECHATLIERCOMPRESSIVE STRENGTH: 72 + - 1 HR - MIN 23 MPA,168 + - 2 HR - MIN 33 MPA, 672 + - 4 HR - MIN 33 MPA, CAO: 58 % MINIMUM,(CAO - 0.7SO3):(2.8SIO2 + 1.2AL2O3 + 0.65FE2O3) - 0.66 - 1.02, AL2O3:FE2O3 - 0.66, MGO: 6.0 % MAXIMUM, SO3: 3.5 % MAXIMUM, INSOLUBLE RESIDUE:4.0 % MAXIMUM
EXPLOSIVE	BOOSTER, INDO BOOST, 125 MM
	EXPLOSIVE,TYPE: CAP SENSITIVE CARTRIDGE,SIZE: 83 MM,BRAND: TOE BLAST
	EXPLOSIVE,SIZE: DIA: 125 MM,NON CAP-SENSITIVE,EXCELLENT WATER RESISTANT,,HIGH V.O.D: 4500 +/-500 M/SEC,EMULSION,SPECIAL GRAVITY: 1.20 +/-0.10,SIZE OF CARTRIDGE: 125 X 450 MM,APPROXIMATELY WEIGHT: 6.25 KGS/CART,MM: POWERGEL 3
	EXPLOSIVE,SIZE: 83 MM,ICI,MM: POWERGEL 2
	MEDIUM DIA NON- CAP SENSITIVE EMULTIONS 76 MM PG-2
	EXPLOSIVE,COLOR: GREY,DENSITY: 1.15 +/-0.08 G/CC,SIZE: 25 X 125 MM,PACKAAGING UNIT: CARDBOARD BOX,WEIGHT: 125 GM,MM: POWERGEL 801
	EXPLOSIVE,TYPE: SUPERDYNE,SIZE: 32 X 440 MM,WEIGHT: 400 GM
	EMULSION CARTRIDGE, CAP SENSITIVE EXPLOSIVES (40 MM DIAMETER X 300 MMLONG X 390 GRAMS WT.), VOD 4000 (+/-) 400 MTS/SEC, SHELF LIFE NOT LESSTHAN 6 MONTHS, BULK DENSITY 1.15 TO 1.25 GRAMS/CC, IN 25 KG BOX
	EXPLOSIVE,TYPE: CAST BOOSTER,SIZE: 100 G
	EXPLOSIVE,SIZE: 50 X 82 MM,WEIGHT: 250 GM,BOOSTER/PRIMER,WITH 2 NUMBERSHOLES OF DIAMTER: 9 MM EACH TO ACCOMMODATE NONEL/EXCEL DETONATORS V.O.D: 7000 +/-200 M/SEC,SENSITIVE TO NO 6 DETONATORS
	EXPLOSIVE,TYPE: CAST BOOSTER,SIZE: 400 G
	PART NAME: C-CORD,DETONATING FUSE WEIGHT OF PETN: 8.5 GM/M,VOD: 6800 M/SSEC,BREAKING LOAD: 60 KG,INITIATION BY 6 DETONATOR EXCELLENT WATER RESISTANT
	EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,DELAY TIME: 1 MS,SIZE: 3 M,APPLICATIOON: IND. EXPLOSIVE
	EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 1 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE

EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 2 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 3 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 4 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 5 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 6 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 7 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 8 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 9 MS,SIZE: 3M,HALF SECOND(HS),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,HALF SECOND,DELAY TIME: 10 MS,HALF SEECOND(HS)
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LDD,DELAY TIME: 0-10 MS (HALF SECOND)),SIZE: 5 M,HALF SECOND(HS)
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,SIZE: 1.8 M,INSTRUMENT
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 17 MS,SIZE: 3 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 25 MS,SIZE: 3 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 42 MS,SIZE: 3 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 65 MS,SIZE: 3 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 100 MS,SIZE: 3 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 50 MS,SIZE: 3 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 6 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 9 M,APPLICATION: IND. EXPLOSIVE
EXCEL DET 6 MTR
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 25 MS,SIZE: 5 M,TRUCKK LINE,APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 42 MS,SIZE: 5 M,TRUCKK LINE,APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 65-67 MS,SIZE: 5 M,TTRUCK LINE,APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J

EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 100 MS,SIZE: 5 M,TRUCCK LINE,APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 12 M,DOWWN HOLE,APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 13 M,APPPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 14 M
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 0 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 1 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 2 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 3 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 4 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 5 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 6 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 7 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 8 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 9 MS,SIZE: 3 MM,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,ELECTRIC,LONG DELAY,DELAY TIME: 10 MS,SIZE: 3M,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,LD,SIZE: 25 M,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,LD,SIZE: 20 M,LONG DELAY(LD),APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,SIZE: 15 M,ALL DELAY,APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
DETONATOR NONEL, ALL DELAY - 4.0 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 5 M,DOWNN HOLE,APPLICATION: IND. EXPLOSIVE,NAME: RAJDETS J
EXCEL DET 6 MTR
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 1-20 MS,SIZE: 12 M,OTTHER SPECIFICATION AS PER ENCLOSURED ANNEXURE
EXPLOSIVE,TYPE: DETONATOR,ELECTRONIC,SIZE: 30 M
DETONATOR EXPLOSIVE,TYPE : ELECTRONIC,IKON,APPLICATION : --

EXPLOSIVE,SIZE: 15 M,CCE APPROVED, FOR UNDERGROUND IKON ELECTRONICDETONATOR
PART NAME: WIRE,HARNESS,ROLL,PART SIZE: 200/500 M
PART NAME: CORD,RELAY,TIMING: 25 MS
EXPLOSIVE,TYPE: EMULSION BOOSTER,WEIGHT: 500 GM
EXPLOSIVE,TYPE: DETONATOR,ELECTRONIC,SIZE: 15 M,HIGHLY ACCURATE,IKON
EXPLOSIVE,TYPE: DETONATOR,ELECTRONIC,SIZE: 15 M,HIGHLY ACCURATE,IKON
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL 17MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL100 MS.
DETONATOR,NONEL, 6 MTR,DELAY 200 MILLISECOND
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL300 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL400 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL500 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL600 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL1000 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL1400 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL1800 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL2400 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL3000 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL3800 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL4600 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL5500 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 5 METERS AND DELAY INTERVAL5900 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 5 METERS AND DELAY INTERVAL6300 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 5 METERS AND DELAY INTERVAL6700 MS.

NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 5 METERS AND DELAY INTERVAL7100 MS.
NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 5 METERS AND DELAY INTERVAL7500 MS.
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 25 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 50 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 75 MS,SIZE: 30M,SHORT DELAY, FOR STOPING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 100 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 125 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 150 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 175 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,ELECTRONIC,SIZE: 30 M
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 225 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 250 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 300 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 350 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 400 M/S,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 450 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 500 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 600 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 700 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 800 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 900 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 1000 MS,SIZE: 30M,SHORT DELAY, FOR STOPE BLASTING
EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 3500 MS,SIZE: 6 M

	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 4000 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 4500 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 5000 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 6000 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 700 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 800 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,LD,DELAY TIME: 900 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 1200 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 1500 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 1900 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 2300 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 2700 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 3100 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 6500 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 7000 MS,SIZE: 6 M
	EXPLOSIVE,TYPE: DETONATOR,NON-ELECTRIC,DELAY TIME: 7500 MS,SIZE: 6 M
	NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL 6400 MS.
	NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL 7400 MS.
	NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL 8500 MS.
	NON-EL DETOANTOR HAVING SHOCK TUBE LENGTH 6 METERS AND DELAY INTERVAL 9600 MS.
	EXPLOSIVE,DETONATOR,NON-ELECT,45M
	EXPLOSIVE,DETONATOR,NON-ELECT,25M
	EXPLOSIVE,DETONATOR,NON-ELECT,20M
	EXPLOSIVE,DETONATOR,NON-ELECT,15M
TYRES	TYRE,TYPE: PNEUMATIC,PLY RATING: 16 PLY,SIZE: 10 X 20 INCH

	TYRE,TYPE: POWER TRAX HD,SIZE: 12 X 20 INCH,PRESSURE: 20PR/145 PSI FOR DDRILL RING
	TYRE,TYPE: PNEUMATIC,PLY RATING: 20 PLY,SIZE: 12 X 24 INCH,OFF THE ROAD,,SMOOTH TREAD,CUT RESISTANT,TYPE 2-A,L-5S EXTRA DEEP TREAD
	TYRE,TYPE: TUBELESS,PLY RATING: 20 PLY,SIZE: 17.5 X 25 INCH,OFF THE ROAD,SMOOTH TREAD,CUT RESISTANT,TYPE 2-A,L-5S EXTRA DEEP TREAD
	TYRE,TYPE: RADIAL,PLY RATING: 32 PLY,SIZE: 18 X 25 INCH
	TYRE,SIZE: 18.5 X 25 INCH,SLICK 404
	TYRE,TYPE: OTR,SIZE: 18 X 25 INCH,E4 40 PR,CUT RESISTANT
	TYRE,TYPE: PNEUMATIC,PLY RATING: 20 PLY,SIZE: 23.5 X 25 INCH
	TYRE,APPLICATION: GRADER,PATTERN: G2/G4,SIZE: 23.5X25,GRADER MODELNUMBER: GD-825
	TYRE,TYPE: OTR RADIAL,SIZE: 26.5R25,E4,SUPERIOR QUALITY CUT AND WEAR RESSISTENCE TYRE FOR LONGER LIFE FOR UNDERGROUND LPDT OPERATION
	TYRE,SIZE: 29 X 25 INCH,FOR LPDT 50 PLUS
	TYRE,TYPE: OTR,SIZE: 29.50 X 29 L5S,PRESSURE: 34PR,FOR LHD 17 MT
	TYRE,SIZE: 35/65-33 24PR T/L
	TYRE,OTR, 40*57
	TYRE,TYPE: PNEUMATIC,PLY RATING: 2 PLY,SIZE: 27 X 49 INCH, OFF THE ROAD,FOR DUMPERS, MAKE: CATERPILLAR, MODEL NUMBER: 777D AND MAKE: KOMATSU,MODEL NUMBER: HD-785
	TYRE,SIZE: 24 X 35 INCH,PRESSURE: 42PR
	TYRE,SIZE: 45/65-45 L-5 OR 45/65 R45
	TYRE,SIZE: 16 X 24 INCH,PRESSURE: 24PR
	TYRE,TYPE: TUBELESS,PATTERN: RADIAL,PLY RATING: E-4,SIZE:20.5R25,MATERIAL: NYLON, TWO STAR RATING, TYPE: 6S, APPLICATION: LOADER,MODEL NUMBER: L90F, MAKE: VOLVO
	TYRE,TYPE : PNEUMATIC,NUMBER OF PLIES : 20PLYSIZE : 14X24 IN
	TYRE,TYPE: PNEUMATIC,PLY RATING: 12 PLY,SIZE: 9 X 20 INCH
DRILLING TOOLS	VARIOUS DRILLING TOOLS FOR HEMM UNDERGROUND MINING