

Bidding Documents

For

National Competitive Bidding

Pakistan

Procurement of Goods RESCUE VEHICLE FOR RAPID RESCUE AND RESPONSE TEAM (R3T)

PART TWO (PROCUREMENT SPECIFIC PROVISIONS)

- Invitation for Bids (IFB)
- Bid Data Sheet (BDS)
- Special Conditions of Contract (SCC)
- Schedule of Requirements
- Technical Specifications
- Sample Form
- Eligibility

May 2015

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Part Two
Section I. Invitation for Bids

Invitation for Bids

Date: *[date of issuance of IFB]* _____

Grant No.: TF012516-PK

IFB N^o: _____

1. The Provincial Government of Balochistan has received a Grant from the World Bank under the Multi Donor Trust Fund towards the cost of Balochistan Disaster Management Project. It is intended that part of the proceeds of this Grant will be applied to eligible payments under the contract for Institutional Strengthening of PDMA Balochistan.
2. The **PDMA Balochistan** now invites sealed bids from eligible bidders for the implementation of **Rescue Vehicle For Rapid Rescue And Response Team (R3T)**.

S.No.	Description	Quantity
01	Rescue Vehicle For Rapid Rescue And Response Team (R3T)	02

3. Interested eligible bidders may obtain further information from and inspect the bidding documents at **PDMA Office, Grain Silos, Shaikh Manda, Airport Road, Quetta. Phone: +92-81-2880245 Fax: +92-81-2880189.**
4. A complete set of bidding documents may be purchased by interested bidders on the submission of a written application to the above and upon payment of a nonrefundable fee of Rs. 3000.
5. The provisions in the Instructions to Bidders and in the General Conditions of Contract are the provisions of the World Bank Standard Bidding Documents: **Procurement of Goods for National Competitive Bidding, Pakistan, Part One.**
6. Bids must be delivered to **PDMA Office Grain Silos, Shaikh Manda, Airport Road, Quetta**, on or before 11:00am on 26th May, 2015 and must be accompanied by a Bid Security of 2%.
7. Bids will be opened in the presence of bidders' representatives who choose to attend at 11:30am on 26th May, 2015 at the offices of **PDMA Office Food Grain Silos, Shaikh Manda, Airport Road, Quetta.**
8. The bidders are requested to give their best and final prices as no negotiations are expected.

Section II. Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

Introduction	
ITB 1.1	Name of Borrower. Provincial Disaster Management Authority
ITB 1.1	Grant No. TF012516-PK
ITB 1.1	Name of Project: Balochistan Disaster Management Project
ITB 1.1	Name of Contract. Institutional Strengthening of PDMA Balochistan
ITB 4.1	Name of Purchaser: Director General, Balochistan Disaster Management Project.
ITB 6.1	Purchaser's address, telephone, telex, and facsimile numbers. PDMA Office, Food Grain Silos, Shaikh Manda, Airport Road, Quetta. Phone: +92-81-2880245 Fax: +92-81-2880189
ITB 8.1	Language of the bid. English

Bid Price and Currency	
ITB 11.2	The price quoted shall be " Duty Delivered Paid " (DDP) and inclusive of all Government taxes.
ITB 11.5	The price shall be ' fixed '. However any subsequent legislation enacted between bid opening and finalization of award that impacts the bid price would be duly accounted for

Preparation and Submission of Bids	
ITB 13.3 (d)	<p>Qualification requirements:</p> <p>Rescue Vehicle For Rapid Rescue And Response Team (R3T) & Services</p> <ul style="list-style-type: none"> • Bidders must be a manufacturer or a direct authorized agent of the manufacturer of required equipment in Pakistan with a minimum of ten (10) years of experience in manufacturing or supplies; as applicable. Agent should be in possession of a consistently valid

	<p>Authorization Certificate for at least (1) year. Manufacturer/Supplier should have a documented track of completing at least five (5) similar assignments, during last 5 (five) years, involving the supply, installation, and provision of technical support for procurement of a comparable scale. They should have adequate current assets; at least three (3) times the amount of bid and sale volume of at least Rs 10 million in any of last 5 years. The interested bidder should have verifiable presence/support/branch offices in Quetta</p> <ul style="list-style-type: none"> • Bidder should have currently valid Income Tax and Sales Tax registrations. Bidders offering deliveries later than stipulated deadline and not accepting stipulated payment terms a will have their bid prices loaded by weightages as defined in Bid Data Sheet; as applicable. • Ability to provide support services for 03 (Three) years after the supply of rescue vehicle for rapid rescue and response team (R3T). • Proposed Bidder must have Skilled Human Resource (Team) for support of Rescue Vehicle For Rapid Rescue And Response Team (R3T). <p>(Documentary Evidence e.g. Certificate, CVs, Resource Association with Bidder on Bidder Letter Head to be provided)</p>	
Multi Purpose Disaster Response Vehicle		
Vehicle Specification	Vehicle	Truck
	Type	Full Torque, Full Power, Drive 4X 2
	General	Disaster response vehicle specially designed for responding to natural disasters such as earthquake, flood, cyclone building collapse, confined space search and rescue and water rescue with fabrication, equipment and tools cover the full spectrum of search and rescue operation and emergency medical treatment in the event of disaster.
	Crew Cabin	Crew cabin will be provided for seating of 3-4

			<p>DERT rescuers and EMT emergency medical technicians.</p>
		<p>Fabrication</p>	<p>Rear cabin's fabrication will be done with skeleton made of complete profile of aluminum alloy channels which are internationally recommended rescue vehicles, sizes 60mm (W) x 30 mm (H) and 30mm (W) or better articulated with each other by special bolts. All open faces to be covered by painted aluminum sheet.</p> <p>This skeleton structure will be fixed on the bed of vehicle.</p> <p>Tool boxes would also be made of same profile and inner will be of aluminum alloy checkered sheet with doors of boxes made of painted aluminum sheet having stainless steel sheet lock for each tool box.</p> <p>5 ton pulling capacity electrical 24V/12V winch with corded remote and control box would be installed with specially designed platform.</p> <p>Provision for storage of all under mentioned equipment with proper marking/ label and or storage provision for self contained breathing apparatus with suitable fixing.</p> <p>Fixed ladder on side or behind made of stainless steel pipe.</p> <p>Special fitting stand for extendable ladder with lock and quick release mechanism on roof top.</p>
	<p>Equipment Details</p>	<p>Earthquake Response Equipment</p>	<p>Electronic Search and Rescue Devices:</p> <p>1. Wireless Life Detector: (Quantity 01 No.)</p> <p>i.e. Life locating or Victims locating devices</p>

			<p>used to sense any movement. This life locating system should be an indispensable tool for use in any disaster scene where there may be people trapped underground or under debris. This system should use ultra wide band ground penetrating radar (UWB GPR) to search for possible signs of life as small as a heartbeat or someone simply breathing through up to ten meters of debris or underground. The device is controlled wirelessly by a touch screen hand held controller tablet thus avoiding messy cables that may get tangled or damaged. The control unit automatically displays the result for each scan signals to highlight any possible signs of life detected.</p> <p>To be easy and fast to deploy.</p> <p>To be easily portable, light weight and compact.</p> <p>To be rugged and durable.</p> <p>To operate independently with no external power requirements.</p> <p>2. Search Camera with Communication: (Quantity 01 No.)</p> <p>This device is used during rescue operation to visually locate and communicate with victims. The light weight control box linked to a flexible telescopic camera probe is designed to help in identifying with accuracy the positional location of buried victims in difficult to enter in confined spaces to communicate with them evaluate and monitor their condition.</p> <p>The telescopic probe extends between 1.1 m and</p>
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		<p>2.40m or a versatile 1m to 4m option to allow visual inspection of inaccessible areas either at height and confined spaces.</p> <p>3. Device to Monitor Structural Movement: (Quantity 01 No.)</p> <p>This device helps Search and Rescue teams by alerting of imminent danger from structural collapse or the movement of any mass which may harm or impede rescuers and alert the team for evacuation.</p> <p>The device can detect a pre selected movement accurately up to a distance of 30m (100 feet)</p> <p>Movement monitoring.</p> <p>Provides safety zones.</p> <p>Distance accuracy and reliability.</p> <p>Easy to use.</p> <p>Electric Winch: (Quantity 01 No.)</p> <p>Electrically operated winch at middle of the vehicle will have pulling capacity not less than 05 tons with corded remote having minimum 15 feet length it would have suitable steel cable rope of minimum 100 feet length. The electric winch to be installed on specially reinforced platform at the front of vehicle or in the middle of rear body with extended boom 6" x 6" at the back.</p> <p>Rescue Tripod: (Quantity 01 No.)</p> <p>Tripod anchor point for pulley hook for lifting over 318 KG weight with following specification.</p>
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			<p>S/S pipe construction for lifting.</p> <p>Minimum 2.14 meters fully extendable, minimum 3.1 meters full retracted.</p> <p>Telescopic legs.</p> <p>Secondary safety anchorage.</p> <p>Supplied with security chain around base.</p> <p>Stabilizing feet with square.</p> <p>One special hand operated manual winch with self locking system.</p> <p>Full Body Harness: (Quantity 04 No.)</p> <p>Full body rescue harnesses with front loop for D ring near waist and back ring in between shoulder blades.</p> <p>D-Ring: (Quantity 04 No.)</p> <p>D- ring made of aluminum alloy, manual locking system.</p> <p>Figure of Eight: (Quantity 04 No.)</p> <p>Figure of eight made of aluminum alloy.</p> <p>Safety Belt: (Quantity 02 No.)</p> <p>Safety belt fit for all sizes would comply with standards.</p> <p>Life Mooring Ring: (Quantity 04 No.)</p> <p>Life/ Mooring Ring with 30m rope designed for the retrieval of MOB, the ring is molded in PVC, weighting only 250gr, and it is tied to a 30 meter floating rope.</p> <p>Jumping Sheet: (Quantity 01 No.)</p> <p>One jumping sheet 12 x 12</p> <p>Feet to be used for Rescue purpose. Jumping sheet made of high tensile strength polyester fabric to be designed stitched with cross linkage</p>
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			<p>method to make it strong enough to bear the dropping weight of 150 Kg.</p> <p>All around the sheet would be holding handles made of nylon rope 10mm. The center would be marked with red square stripes of fabric and also red stripes all around the corner.</p> <p>Static Rope: (Quantity 02 No.)</p> <p>Static rope 11mm, 45 meter long. This excellent rope with low elongation and high static strength is intended primarily for work at height and for securing people above vertical drops. The thicker the diameter, stronger the rope.</p> <p>Safety Rope: (Quantity 04 No.)</p> <p>Safety rope 40 M long having minimum 11 mm dia.</p> <p>Hand Search Light: (Quantity 06 No.)</p> <p>Water proof hand spot search light.</p> <p>Rope Rescue Rollers: (Quantity 01 No.)</p> <p>Specially designed for smooth functioning of winch operation. The roller module is a compact and light weight rope protection system made of alloy.</p> <p>The three articulated pieces allow covering perfectly any kind of edges and the nylon double rolls make 2 ropes action more quick and safe.</p> <p>Basket Stretcher: (Quantity 01 No.)</p> <p>One piece dimension 2.170 x 620 x 185 mm with load capacity minimum 278 kg made of high density aluminum frame resistant the effect of</p>
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		<p>chemicals, rust, corrode extreme temperature. Maximum weight 14 kg adjustable lifting bridle used for horizontal and vertical lifting situation. Device with crane hook and four adjustable belt straps used in vertical or overhanging operation, effective immobilization system, may be used with spine board or vacuum.</p> <p>Knot Passing Pulley: (Quantity 02 No.)</p> <p>Volume rope channel allows the passage of joining knots (lifting loads over great distances or moving along a Tyrolean traverse with two ropes)</p> <p>Large diameter sheave mounted on sealed ball bearings for excellent efficiency.</p> <p>Locking pins on the sheave allow use of the pulley as an anchor.</p> <p>Height : 260mm</p> <p>Weight: 1390 Grams</p> <p>Min. rope diameter: 8mm</p> <p>Max. rope diameter: 19mm</p> <p>Descender: (Quantity 02 No.)</p> <p>Multi-functional handle allows the user to: Unblock the rope and control the descent with the hand on the free end of the rope move more easily on horizontal or low-angle terrain, thanks to the button on the handle get into position without having to tie off the device.</p> <p>Anti-panic function is engaged if the user pulls too strongly on the handle: breaks and stops the descent automatically.</p> <p>Anti-error safety catches to reduce the risk of an</p>
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		<p>accident due to incorrect installation of the device on the rope.</p> <p>The shape of the cam is designed to improve rope glide when ascending.</p> <p>The safety gate on the moving side plate helps prevent dropping the device and facilitates installation of the rope when passing intermediate anchors.</p> <p>The locking screw of the swinging side- plate allows the I'D S to be part of a rescue kit.</p> <p>Lowers heavy load up to 250kg</p> <p>Ascender: (Quantity 02 No.)</p> <p>The aluminum manufacture anthron handled rope rescue ascender, enable to handle the double gloves and fits ropes 8mm- ½” diameter.</p> <p>Webbing: (Quantity 02 No.)</p> <p>Heavy duty one inch flat webbing in color coded pre-cut lengths for designations in rescue operation.</p> <p>Rescue Carabiner: (Quantity 02 No.)</p> <p>Easy and quick to lock, manufactured from alloy, aluminum and heat treated to meet the stringent. Latest design.</p> <p>Air Lifting Pads: (Quantity 01 Set No.)</p> <p>Pads should be square & rectangular in design of lifting capacity 4 to 2 tons with all pneumatic air filling system.</p> <p>Manual Adjustable Rams: (Quantity 02 No.)</p> <p>Manual adjustable rams having minimum 1.0 ft, 2.0 ft & 3.0 ft extended length & 2.0 ton capacity.</p>
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		<p>One Combination Hammer & Drill: (Quantity 01 No.)</p> <p>Combination hammer is ideal for drilling anchor fixing and through masonry from 12 to 45 mm in diameter and core drilling up to 100mm. its chain drive increases efficiency together with an oil gearbox to ensure total component lubricant dissipation and its ergonomic, compact and slim line maximizes control and often confined spaces.</p> <table border="0"><tr><td>Power Input</td><td>1250 Watts</td></tr><tr><td>Power Output</td><td>615 Watts</td></tr><tr><td>Load Speed</td><td>210-415</td></tr><tr><td>Blows Per Minute</td><td>1430-28</td></tr><tr><td>Impact Energy</td><td>2-12J</td></tr></table> <p>Max. Drilling Capacity (Concrete) 45 mm Max. Drilling Capacity (Break through bit) 65 mm Max. Drilling Capacity (Core bit) 100 mm</p> <table border="0"><tr><td>Weight</td><td>6.8kg</td></tr><tr><td>Length</td><td>477mm</td></tr><tr><td>Height</td><td>245mm</td></tr><tr><td>Width</td><td>104mm</td></tr><tr><td>Hand/Arm Vibration</td><td>9.2m/S2</td></tr></table> <p>Accessories Multi –position side handle with depth stop Grease Cloth Heavy Duty carrying case Drill Bit ½” x 12” Drill Bit ¾” x 12”</p>	Power Input	1250 Watts	Power Output	615 Watts	Load Speed	210-415	Blows Per Minute	1430-28	Impact Energy	2-12J	Weight	6.8kg	Length	477mm	Height	245mm	Width	104mm	Hand/Arm Vibration	9.2m/S2
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		<p>Drill Bit 1" x 12"</p> <p>One Chipping Hammer: (Quantity 01 No.)</p> <p>Chipper demolition hammer for medium heavy applications in brick, masonry and concrete.</p> <p>Variable chisel locking at 24 positions the perfect angles for any applications.</p> <p>Floating rear handle.</p> <p>Electronic speed and impact energy control.</p> <p>Lock on lock off switch.</p> <p>Barrel grip for better comfort in horizontal applications.</p> <p>Brush wear and service indicators.</p> <p>Power Input 1300 Watts</p> <p>Power Output 840 Watts</p> <p>Blows Per Minute 1260-2520 bpm</p> <p>Impact Energy 2-14J</p> <p>Weight 8.0kg</p> <p>Length 528mm</p> <p>Height 268mm</p> <p>Width 116</p> <p>Hand/Arm Vibration</p> <p>Accessories</p> <p>Multi –position side handle</p> <p>Grease</p> <p>Cloth</p> <p>1 point chisel</p> <p>Heavy Duty carrying case</p> <p>Drill Bit ½" x 12"</p> <p>Drill Bit 30 45cm x 12"</p> <p>Drill Bit 1" x 12"</p> <p>Tool Kit: (Quantity 01 No.)</p>
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			<p>Mechanical Tool kit box with lifting handles having following items:</p> <p>Screw Driver Set.</p> <p>Spanner Set.</p> <p>Wooden Hack Saw.</p> <p>Elenkey Set.</p> <p>Adjustable Spanner.</p> <p>Wire Cutter.</p> <p>Pliers.</p> <p>Nose Pliers.</p> <p>Box Spanner Set.</p> <p>Testers.</p> <p>Bolt Cutter: (Quantity 01 No.)</p> <p>Bolt cutter 24” and one with 36” insulated handles for minimum 11KV.</p>
		<p>Flood Response Equipment</p>	<p>Inflatable Boat: (Search & Rescue) (Quantity 01 No.)</p> <p>Inflatable Boat with accessories: 6+1 persons rubber boat made of high grade rubber material specially for rough speedy water with sufficient accessories for rescue persons. The bottom and side walls should be covered with high grade Kevlar or equivalent material strong enough for repeatedly hitting sharp edged water course. There should be more than one inflatable chambers, extra foot pump, extra oars and quick repair kit.</p> <p>Specifically designed to meet the requirement of search and rescue operation.</p> <p>Highly Portable.</p> <p>Compact Packed Size.</p>

		<p>High Pressure Inflation System.</p> <p>Quality of Design.</p> <p>Maximum No. of Person – 06</p> <p>Maximum Payload Including Fuel – 1700 Kg</p> <p>Standard Color- Orange</p> <p>Overall length - 6430mm</p> <p>Buoyancy Collar Diameter – 480mm</p> <p>Floor Board Usable Area- 5.7 m2</p> <p>Buoyancy Volume 2341 L</p> <p>Shaft Length (Double) 20” Standard</p> <p>Power 2x 60 Hp</p> <p>Engine Package Twin</p> <p>Number of Air Chambers 5 No.</p> <p>Inflation Pressure 0.24 bar/ 3.4 PSI</p> <p>Intercommunication/ Inflation Valve 5 No.</p> <p>Design Category (EC 94/25)</p> <p>Double Console 1 No.</p> <p>Straddle Seats 4 No.</p> <p>Bow Tow Post 1 No.</p> <p>Foot Pump 1 No.</p> <p>Repair Kit 1 No.</p> <p>Paddles 2 No.</p> <p>Double Skinning (Top collar) 1 No.</p> <p>Black Powder coated Tube Ladder 1 No.</p> <p>Life Buoy: (Quantity 02 No.)</p> <p>Designed for pleasure and commercial usage, feature an orange, rack hard, cross linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions.</p> <p>Ext. Diam 725 mm, Int. Diam 450mm</p>
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		<p>Rope Throwing Gun Line Thrower: (Quantity 01No.)</p> <p>The kit is the swift water/ messenger line thrower supplied with two payloads and all the accessories required to operate this device. The messenger line which allows for long range horizontal deployment distances of 400ft/ 104m. this line can be used to throw larger , stronger ropes across a river or fast moving body of water. Polyspectra line has stronger test strength of 2200 lbs/ 998 kg and is intended to be used in water based operation. This line when coupled with the sling projectile becomes an effective way to assist a distressed swimmer. The deployment distance of the polyspectra line with the standard projectile is about 275ft/84m.</p> <p>This streamline filler hose facilitates charging the projectiles with compressed air from air compressor, a SCBA tank or a SCUBA tank.</p> <p>The service pressure of these projectiles is 3000 psi/ 207 BAR. This kit comes complete with spare kit carry bag for easy carrying. Optional accessories include the tool kit and rigid transport/ storage case.</p> <p>Life Jackets: (Imported) (Quantity 04 No.)</p> <p>Orange life jackets buoyancy aid 4 straps fixing and neoprene rubber internal buoyancy. The life jacket would have the 180-220 buoyancy. The life jacket would have whistle and light.</p> <p>Gloves: Imported(Quantity 02 Pairs)</p> <p>Electrician's gloves rubber type insulated</p>
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		<p>minimum 11 KV.</p> <p>Five fingered head reflecting gloves made of 5 mm neoprene ensure that you can use your hands to the full during dives.</p> <p>Gloves: Local (Quantity 15 Pairs)</p> <p>Knee and Elbow Pads: (Quantity 04 Pairs Each)</p> <p>For professional search and rescue operation.</p> <p>Hydro Stretchable Full Wet Suit: (Quantity 02)</p> <p>6 mm power span TM panels on shoulders, back and arms for mobility reflective lettering on the bright yellow sleeves increase visibility Knee and shins armored with molded polyurethane 5mm sheet covered with tough tax for extra padding and durability.</p> <p>Diving Boots: (Quantity 04 Pairs)</p> <p>The ideal pair of boots which can be use in water manufactured with Neoprene, and have rubber reinforced toe and heel. Non slip sole gives better traction on all surfaces, even when wet. An easy slip in zipper offer perfect fit.</p> <p>Swim Fins/Flippers: (Quantity 04 Pairs)</p> <p>Shredder fins can be worn over water boots.</p> <p>Water proof under water lights: (Quantity 04 No.)</p> <p>It uses a clever magnetic switch that operates outside of the body to prevent leaking. The switch can be easily removed for washing off sand and dirt.</p> <p>Unique battery compartment design allows for</p>
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		<p>optimal space utilization and negative buoyancy. A spare Xenon lamp is included and stored underneath the reflector. Submersible to 500 feet and powered by 8 C alkaline cells with operation timing 4 hours.</p> <p>Diving Mask: (Quantity 04 No.)</p> <p>Low volume single lens designed for exceptional field of vision.</p> <p>Beuchat hinged pivoting buckle system.</p> <p>Double seal liquid silicone skirt.</p> <p>Available in clear and black silicon.</p> <p>Diving Apparatus SCUBA: (Quantity 02 Sets)</p> <p>Breathing Apparatus for water rescue having following items.</p> <p>1.Air Cylinder: Tank 15l/3300PSI (230 bars) giving the capacity of twin tank.</p> <p>Dual outlet valve (Din or INT) without reserve.</p> <p>Carrying handle.</p> <p>Vol: 15 liters</p> <p>PS : 3300 PSI (230 bars)</p> <p>L : 72,5 cm</p> <p>D : 20 cm</p> <p>P : 18,9 Kg</p> <p>2.Jacket Master Air Tek:</p> <p>Technical BC with 840 Denier polyurethane bag and 420 denier expandable pockets.</p> <p>1000 denier Cordura outer covering.</p> <p>Air volume separated front and rear.</p> <p>Length- adjustable shoulder straps and straps on the sides.</p> <p>Aluminum backpack with lumber support.</p>
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		<p>2 accessory pockets with zip.</p> <p>2 fixed rear ballast pockets for 2.5 kg of weight.</p> <p>2 expandable front ballast pockets for 5 kg of weight, with safety closure.</p> <p>Snorkel and Knife holder accessories.</p> <p>Flap.</p> <p>Tank strap with quick connector.</p> <p>Inflator and upper and lower exhaust valve standard.</p> <p>Weight of size M : 4.450 kg</p> <p>3.Regulator:</p> <p>For use in temperature water – designed for dives in temperature water. Product suitable for dive centers.</p> <p>Balanced 2nd stage with adjustable venturi.</p> <p>Compacity.</p> <p>Best quality/ price offer of the market.</p> <p>Easy maintenance.</p> <p>Piston 1st stage with balanced compact 2nd stage.</p> <p>1st stage with a 90 degree connection designed with an adjustable PM seat.</p> <p>Piston, valve and sping are the ones of the V3.</p> <p>Compact 2nd stage with an adjustable venturi.</p> <p>Best compromise between simple design and performance thanks to the compensate 2nd stage which maintains high breathing performance with low HP(0.83J/L with 50 bars)</p> <p>929g DIN – 1105g Yoke.</p> <p>4.Octopus VTR:</p> <p>Backup second stage – for use in temperature waters – Goes with the VRT200 and VRT 30.</p>
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		<p>VRT OCTOPUS compact second stage Pneumatically balanced adjustable venture system for enhanced performance and ease of breathing on any diving situation.</p> <p>5. Underwater Pressure Gauge: Analogical pressure gauge. Luminescent screens. Pressure gauge 300 bars up to 250 with indication of zone of reserve. Graduation all 10 bars. Nickelled stamped brass body. The unit is swiveling for an optimal orientation. Soft HP hose with connection 7/16" for connection to all 1st stages regulators.</p> <p>6. Weight Belt : Weight belt balance your weight when you diving.</p> <p>Goggles and Re useable Earplugs: (Quantity 04+04) Goggles and Re useable Earplugs.</p> <p>Floating Lines: (Quantity 02) Floating rope made of Polyethylene material having 10mm dia with 45m length.</p>
	<p>Urban Search & Rescue Equipment</p>	<p>Cutting Equipment- Rescue Concrete Cutter: (Quantity 01) Light weight. Ergonomic control system. Perfectly balanced. Decompression valve. Tension of drive belt easily adjusted with a</p>

		<p>screwdriver.</p> <p>5- stage air filter system.</p> <p>Bearing assistance on the protection cover.</p> <p>Available with guide trolley.</p> <p>Cutting disc can be mounted centrally or laterally.</p> <p>Engine 2 stroke.</p> <p>Displacement 94 cm³</p> <p>Power rating 4, 2 kw</p> <p>Power rating 5,7 PS</p> <p>Fuel Tank Capacity 1,1 l</p> <p>Circumferential speed 80 m/s</p> <p>Weight without blade 10 kg</p> <p>Max cutting depth 125mm</p> <p>Wheel 350mm</p> <p>Arbor 20mm</p> <p>Arbor 25,4 mm</p> <p>Flame Cutter: (Quantity 01)</p> <p>Rescue flame cutting system to cut steel of minimum 40 inch thickness, for minimum of 30 minutes continuous operation(Fuel = Petrol + Oxygen) torch min 20 inches long, 90 degree head.</p> <p>Flame Cutter having following items:</p> <p>Torch, 20 inch with 90 degree head;</p> <p>Gasoline tank 2.5 gallons.</p> <p>2 cutting tips.</p> <p>Gasoline hose assembly, 20' feet.</p> <p>Oxygen hose assembly 25' feet.</p> <p>Oxygen back flash arrestor.</p> <p>Spark sticker.</p>
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			<p>Reference manual.</p> <p>Getting Started color chart.</p> <p>Training Video.</p> <p>Parts Kit (Contents)</p> <p>Mixer with wick and O-ring.</p> <p>Pre-heat oxygen valve.</p> <p>High pressure oxygen valve.</p> <p>External O-ring for high pressure oxygen valve.</p> <p>Internal O-ring for high pressure oxygen valve.</p> <p>Installation tool for internal O-ring.</p> <p>Lever nut.</p> <p>Lever screw.</p> <p>2 metal wicks.</p> <p>1 set O-ring for mixer.</p> <p>Filler cap gasket.</p> <p>Leather pump cup.</p> <p>Flat seal for pump check valve.</p> <p>Extra flint for sparker.</p> <p>Tool Kit (Contents)</p> <p>Tip shell reamer.</p> <p>Tip brush</p> <p>Jack screw</p> <p>Packing nut wrench</p> <p>Tip drill set.</p> <p>Rotary Saw Cutters: (Quantity 01)</p> <p>Soft start to limit start up current and reduce kick back.</p> <p>Anti vibration side handle.</p> <p>Quick adjustment tool free guard.</p> <p>Abrasion protected high power motor for increased motor durability.</p>
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		<p>Fully leaded stator windings for increased motor durability.</p> <p>Five position sides handle for improved balance in cutting and grinding applications.</p> <p>Cut- off brushes to prolong product life.</p> <p>Power input 2200Watts</p> <p>No Load Speed 6500 rpm</p> <p>Max. Disc Diameter 230 mm</p> <p>Spindle Thread M14</p> <p>Weight 4.7 Kg</p> <p>Length 450mm</p> <p>Height 145 mm</p> <p>Power Output 1540 Watts</p> <p>Hand/Arm Vibration</p> <p>Grinding</p> <p>Uncertainty K1 (Vibration)</p> <p>Sound Pressure</p> <p>Uncertainty K1 (Sound)</p> <p>Accoustic Pressure</p> <p>Uncertainty K2 (Sound)</p> <p>Accessories</p> <p>Protective tool free guard.</p> <p>Anti vibration side handle.</p> <p>Inner and outer flange set.</p> <p>Spanner.</p> <p>Heavy duty carrying case.</p> <p>Multipurpose Blade (Concrete and Metal)</p> <p>Reciprocating Saw: (Quantity 01)</p> <p>1200 Watt motor delivers increased power for heavy duty application.</p> <p>0-2600 SPM and 28mm stroke length for fast and</p>
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		<p>efficient cutting.</p> <p>Keyless stainless steel blade change for quick and easy blade changes and increased reliability.</p> <p>Keyless adjustable shoe easily adjust the depth of cut and extends the blade life.</p> <p>Variable speed trigger provides control and versatility</p> <p>Power input 1200Watts</p> <p>Power output 630Watts</p> <p>No Lead Stroke Rate 0-2600SPM</p> <p>Stroke Length 28mm</p> <p>Max. Cutting Capacity (Wood) 300mm</p> <p>Maz. Cutting Capacity (Steel Section & Pipes) 130mm</p> <p>Max. Cutting Capacity (PVC) 160mm</p> <p>Weight 4.0kg</p> <p>Length 460mm</p> <p>Strokes/Min</p> <p>Stroke Length</p> <p>Keyless Blade Clamp</p> <p>Dust Blower</p> <p>Orbital Action</p> <p>Beval Capacity</p> <p>Chain Saws: (Quantity 01)</p> <p>Petrol engine driven saw having minimum 22" bar with standard accessories.</p> <p>Rescue Chain Saw: (Quantity 01)</p> <p>Gasoline engine driven, for concrete cutting 20" to 24" with one spare chain.</p> <p>Hydraulic Combi Tool</p> <p>Rescue Combi Tool Hydraulic (Spreaders &</p>
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			<p>Cutter) (Quantity 01) having following specifications. Opening: 460mm Spreading force, min. 41kN Spreading force, max.119kN Cutting Force 74,34 Tons Cutting Capacity 31 mm Pulling Force 66kN Weight 165kg Length 740mm Hydraulic Power Unit: High oil flow in low and high pressure simultaneous hydraulic power units for the simultaneous operation of up to three tools. Automatic locking, flat face quick connect couplings optional with mono coupling. Stable carrying frame with the option to upgrade to DIN-Standard frame. Large oil reservoirs equipped with gauge glass. Rapid deployment equipment available: choice of front or side mount hose reels (2 reels, capacity is 10m with 1 spare reel of 20m of high pressure twin line hose. Tools. Operating pressure 630-720 bar. Oli flow/pressure 2x 2.4/min.180bar 2 x 0.7l/min/720 bar. Power 2.15KW Oil tank 5 l (3.5) l Width/Depth/Height 330/345/465mm Hydraulic Oil.</p>
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		<p>Pulling Device Chain Set: (Quantity 01) Rescue system pulling chains can be attached directly to the tips of the combi tool without tip exchange. The required length is easily adjusted by inserting the chain links into the attached collets. Pulling chains are delivered as a set consisting of chains and 2 collets.</p> <p>Replacement Blades and Replacement Tips: The unique construction principle of Rescue System combi tools provides an easy exchange of the blades without the need of replacing the arms-thus saving time and maintenance expenses. The regrind able blades must be replaced in pairs.</p> <p>Hydraulic Jacks: Hydraulic jack (bottle jack type) minimum 12 tons with standard accessories.</p> <p>Rescue Helmet: (Quantity 06) Rescue helmets designed for professional use i.e. Search and rescue team to protect the rescuers from falling debris. Light weight, compact and durable.</p>
	<p>Emergency Medical Services Equipment (Basic and Advance Life Support)</p>	<p>Oxygen Supply system: (Quantity 02) B.P Apparatus: (Quantity 01) Automatic External Defibrillation (AED) (Quantity 01) Syringe Cutters: (Quantity 01) First Aid Bag: (Quantity 01) Syringe Pump: (Quantity 01) Suction Apparatus: (Quantity 01) Pulse Oximeter: (Quantity 01)</p>

		<p>Emergency Transport Ventilation: (Quantity 01)</p> <p>Burn Kit: (Quantity 01)</p> <p>Bleeding Kit: (Quantity 01)</p> <p>Amputation Kit: (Quantity 01)</p> <p>Trauma First Aid Kit and other items:</p> <p>Scissors: (Quantity 02)</p> <p>Forceps: (Quantity 02)</p> <p>Pen Light: (Quantity 02)</p> <p>Face Mask: (Quantity 02)</p> <p>CPR Mask: (Quantity 02)</p> <p>Caution Sign Type etc. (Quantity 02)</p>	
	<p>Manual Tools</p>		<p>Force able entry Tools:</p> <p>Axe: (Quantity 04) Flat head Axe with insulated handle length minimum 1.50 feet.</p> <p>Pick Axe: (Quantity 024) Pick axe of medium size with 2 ½ feet wooden handle.</p> <p>Crow Bar: (Quantity 04) Crow bar with pointed & flat ends, minimum 6 feet length and minimum 35mm diameter.</p> <p>Hook and Chain: (Quantity 04) Large forged alloy steel hook attached to a length of 3/8” (1cm) high test alloy steel chain and grab hook. Chain has a working load capacity of 5400lbs. (2450Kg) Hook is 6.5” (16cm) wide and electroless nickel plated.</p> <p>Hook and Claw: (Quantity 04) Heavy duty prying tool designed for overhauling.</p>

			<p>Both the hook and claw is drop forged from high alloy steel. The hook has a 6.5” opening with sharpened machine.</p> <p>Hacksaw: (Quantity 04) Hacksaw with fine tune- tooth hand saw with a blade held under tension in frame used for cutting material such as metal plastic. Attaching a narrow disposable blade.</p> <p>Hammers: (Quantity 04) Hammer 4.5 Kg with minimum 1.50 feet wooden handle.</p> <p>Shovels: (Quantity 04) Flat type shovels with 2 ½ feet wooden handle.</p> <p>Chisels: (Quantity 04) Mild steel hand chisels minimum 8 inch long flat head and pointed head.</p>
		<p>General Equipment</p>	<p>Extension Lead on Reel: (Quantity 01) Extension wire lead on reel with 100 feet electrical cable 20 Amp load capacity having 3 electrical outlets and one circuit breaker.</p> <p>Ladders-</p> <p>Extension Ladder: (Quantity 01) Minimum 15 feet F/G (2 section) ladder. 150kg load capacity between the centers of the ladder. Special fitting stand for extendable ladder with lock and quick release mechanism on roof top.</p> <p>Straight or Fixed: (Quantity 01) Fixed ladder on side or behind made of stainless steel pipe.</p>

		<p>Safety Signs: All type of safety/traffic signs on reflecting tap/stickers in according with the international standards and custom made signs to be used for indication exists, direction, rescue and life saving equipment.</p> <p>Cordon of Tape: Cordon of Tape for marking the area.</p> <p>Working Mat: (Quantity 06) Synthetic/ Rubber working mat size 1 meter x 2 meter.</p> <p>Tarpaulin Sheet: (Quantity 04) Tarpaulin Sheet PVC coated size 6x 8 m</p> <p>Floating Lines: (Quantity 02) Floating rope made of polyethylene material having 10 mm dia with 45 m length</p>	<p>Generator: ((Quantity 01) Diesel/ petrol engine 15 KVA Generator, with sound proof canopy. It would be installed at front of the rear cabin with one shutter door towards the front side of the rear cabin for maintenance of the generator and proper exhaust system. Storage Backup, Positioning Lighting.</p> <p>Power Supplies All emergency lightings, internal and external, operating on 24V. Lights would be LED. All electrical wiring would be with no joint and taping, having all connector system and having separate fuse box for incident operation. All wires would be as per load requirement and would be of fire retardant material.</p>
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			<p>Special cutout/ charging system to be installed for charging of generator battery.</p> <p>Provision for charger of wireless handset. One control panel for 24V in driver cabin.</p> <p>Main LED warning light in red and blue color installed on special spoiler on roof top of front cabin. There would be warning lights in red and blue color all around the vehicle.</p> <p>Every compartment would have separate LED lighting of white color.</p> <p>One PA system 150W output electronic siren with speaker and microphone.</p> <p>Portable Generator: (Quantity 01)</p> <p>Portable electric Power Generator Driven Engine minimum 03KVA.</p> <p>Rated Out 2.8 KVA</p> <p>Consumption 2.0 liters/hour</p> <p>Tank Capacity 24 Liters.</p>
ITB 14.3 (b)	Spare parts required for two (02) of years of operation.		
ITB 15.1	Amount of bid security. 2% of Bid Amount		
ITB 16.1	Bid validity period. No. of days 60		
ITB 17.1	Number of copies: One original and one copy		
ITB 18.2 (a)	Address for bid submission. PDMA Office Food Grain Silos, Shaikh Manda, Airport Road, Quetta		
ITB 18.2 (b)	IFB title and number.		
ITB 19.1	Deadline for bid submission. Before 11:00 am on 26 th May, 2015		
ITB 22.1	Time, date, and place for bid opening.		

	11:30am, 26 th May 2015 at PDMA Office Food Grain Silos, Shaikh Manda, Airport Road, Quetta
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Bid Evaluation		
Mandatory Requirements		
The bids must comply to the following Mandatory Requirements. Bids deviating from or not complying to the Mandatory Requirements shall be rejected.		
ITB 25.4 (b) ii	<ul style="list-style-type: none"> • Delivery Schedule 	To be shipped within the period specified in Bid Data Sheet.
ITB 25.4 (c) i	<ul style="list-style-type: none"> • Payment Schedule 	Bid to be evaluated on the basis of the base price.
ITB 25.4 (d) i	<ul style="list-style-type: none"> • Cost of Spare Parts 	The cost of major assemblies, components and selected spare parts to be clearly shown by the bidder in the bid separately and form part of the total bid price.
ITB 25.4 (g) ii	<ul style="list-style-type: none"> • Performance & Productivity 	To conform to the Technical Specifications.
Bids complying to all above mandatory requirements shall be evaluated on the Least Cost basis.		

Contract Award	
ITB 29.1	15% of quantity increase or decrease

Section III. Special Conditions of Contract

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Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Purchaser is: Director General, Balochistan Disaster Management Project.

GCC 1.1 (h)—The Purchaser's country is: Islamic Republic of Pakistan

GCC 1.1 (i)—The Supplier is:

GCC 1.1 (j)—The Project Site is: PDMA Balochistan Office

2. Country of Origin (GCC Clause 3)

All countries and territories as indicated in Part Two Section VI of the bidding documents, "Eligibility for the Provisions of Goods, Works, and Services in Bank-Financed Procurement".

3. Performance Security (GCC Clause 7)

GCC 7.1—The amount of performance security, as a percentage of the Contract Price, shall be: 5%

GCC 7.4—After delivery and acceptance of the Goods, the performance security shall be reduced to two (2) percent of the Contract Price to cover the Supplier's warranty obligations in accordance with Clause GCC 15.2.

4. Delivery and Documents (GCC Clause 10)

GCC 10.3—Upon delivery, the Supplier shall notify the Purchaser the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall provide the following documents to the Purchaser:

- (i) Copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;

- (ii) Original and a copy of Delivery Note which the buyer may require to take the goods;
- (iii) Copies of the packing list identifying contents of each package;
- (v) Manufacturer's or Supplier's warranty certificate;
- (vii) Certificate of origin.

5. Insurance (GCC Clause 11)

GCC 11.1— The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is seller's responsibility. Since the Insurance is seller's responsibility they may arrange appropriate coverage.

6. Incidental Services (GCC Clause 13)

GCC 13.1—Incidental services to be provided by the Supplier are:

- (a) Performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- (f) Prices for incidental services should be included in the Contract Price for the Goods

7. Spare Parts (GCC Clause 14)

GCC 14.1—Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods. Other spare parts and components shall be supplied as promptly as possible, but in any case within one (01) month of placing the order and opening the letter of credit.

8. Warranty (GCC Clause 15)

GCC 15.4 & 15.5—The period for correction of defects in the warranty period is: Three (03) days

9. Payment (GCC Clause 16)

GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:

Payment for Goods supplied:

Payment shall be made in Pak. Rupees in the following manner:

- (i) **Advance Payment:** Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of unconditional bank guarantee for equivalent amount valid until the Goods are delivered and in the form provided in the bidding documents or another form acceptable to the Purchaser.
- (ii) **On Delivery:** Eighty (80) percent of the Contract Price of the Goods delivered shall be paid, upon submission of documents specified in GCC Clause 10.
- (iii) **On Acceptance:** Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Purchaser.

Payment of local currency portion shall be made in Pak Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.

10. Liquidated Damages (GCC Clause 23)

GCC 23.1—Applicable rate: 0.5% per week

Maximum deduction: 10% of contract price

11. Resolution of Disputes (GCC Clause 28)

GCC 28.3—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

In the case of a dispute between the Purchaser and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Islamic Republic of Pakistan under Arbitration Act of 1940.

12. Governing Language (GCC Clause 29)

GCC 29.1—The Governing Language shall be: English

13. Applicable Law (GCC Clause 30)

GCC 30.1-The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan, which includes the following legislation:

The Employment of Children (ECA) Act 1991
The Bonded Labor System (Abolition) Act of 1992
The Factories Act 1934

14. Notices (GCC Clause 31)

GCC 31.1—Purchaser's address for notice purposes:

PDMA Office
Food Grain Silos, Shaikh Manda, Airport Road, Quetta.
Phone: +92-81-2880245 Fax: +92-81-2880189

—Supplier's address for notice purposes:

Section IV. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date, which is the date of delivery required.

S.No.	Description	Qty	Required Delivery Schedule from the Date of Notification of Award	Location
01	RESCUE VEHICLE FOR RAPID RESCUE AND RESPONSE TEAM (R3T)	02	8-10 weeks	PDMA

Section V. Technical Specifications

S.No	Item Description	Compliance Yes/No	Qty	Rate	Amount	Remarks												
01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Multi Purpose Disaster Response Vehicle</td> </tr> <tr> <td style="width: 15%;">Vehicle</td> <td>Truck</td> </tr> <tr> <td>Type</td> <td>Full Torque, Full Power, Drive 4X 2</td> </tr> <tr> <td>General</td> <td>Disaster response vehicle specially designed for responding to natural disasters such as earthquake, flood, cyclone building collapse, confined space search and rescue and water rescue with fabrication, equipment and tools cover the full spectrum of search and rescue operation and emergency medical treatment in the event of disaster.</td> </tr> <tr> <td>Crew Cabin</td> <td>Crew cabin will be provided for seating of 3-4 DERT rescuers and EMT emergency medical technicians.</td> </tr> <tr> <td>Fabrication</td> <td>Rear cabin's fabrication will be done with skeleton made of complete profile of aluminum alloy channels which are internationally recommended rescue vehicles, sizes 60mm (W) x 30 mm (H) and 30mm (W) or better articulated with each other by special bolts. All open faces to be covered by</td> </tr> </table>	Multi Purpose Disaster Response Vehicle		Vehicle	Truck	Type	Full Torque, Full Power, Drive 4X 2	General	Disaster response vehicle specially designed for responding to natural disasters such as earthquake, flood, cyclone building collapse, confined space search and rescue and water rescue with fabrication, equipment and tools cover the full spectrum of search and rescue operation and emergency medical treatment in the event of disaster.	Crew Cabin	Crew cabin will be provided for seating of 3-4 DERT rescuers and EMT emergency medical technicians.	Fabrication	Rear cabin's fabrication will be done with skeleton made of complete profile of aluminum alloy channels which are internationally recommended rescue vehicles, sizes 60mm (W) x 30 mm (H) and 30mm (W) or better articulated with each other by special bolts. All open faces to be covered by	01	01			
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S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
			<p> painted aluminum sheet. This skeleton structure will be fixed on the bed of vehicle. Tool boxes would also be made of same profile and inner will be of aluminum alloy checkered sheet with doors of boxes made of painted aluminum sheet having stainless steel sheet lock for each tool box. 5 ton pulling capacity electrical 24V/12V winch with corded remote and control box would be installed with specially designed platform. Provision for storage of all under mentioned equipment with proper marking/ label and or storage provision for self contained breathing apparatus with suitable fixing. Fixed ladder on side or behind made of stainless steel pipe. Special fitting stand for extendable ladder with lock and quick release mechanism on roof top. </p>					
	<p style="text-align: center;">Equipment Details</p>	<p style="text-align: center;">Earthquake Response Equipment</p>	<p> Electronic Search and Rescue Devices: 1. Wireless Life Detector: (Quantity 01 No.) i.e. Life locating or Victims locating devices used to sense any movement. This life locating system should be an indispensable tool for use in any disaster scene where there may </p>					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>be people trapped underground or under debris. This system should use ultra wide band ground penetrating radar (UWB GPR) to search for possible signs of life as small as a heartbeat or someone simply breathing through up to ten meters of debris or underground. The device is controlled wirelessly by a touch screen hand held controller tablet thus avoiding messy cables that may get tangled or damaged. The control unit automatically displays the result for each scan signals to highlight any possible signs of life detected.</p> <p>To be easy and fast to deploy.</p> <p>To be easily portable, light weight and compact.</p> <p>To be rugged and durable.</p> <p>To operate independently with no external power requirements.</p> <p>2. Search Camera with Communication: (Quantity 01 No.)</p> <p>This device is used during rescue operation to visually locate and communicate with victims. The light weight control box linked to a flexible telescopic camera probe is designed to help in identifying with accuracy the positional location of buried victims in difficult to enter in confined</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>spaces to communicate with them evaluate and monitor their condition.</p> <p>The telescopic probe extends between 1.1 m and 2.40m or a versatile 1m to 4m option to allow visual inspection of inaccessible areas either at height and confined spaces.</p> <p>3. Device to Monitor Structural Movement: (Quantity 01 No.)</p> <p>This device helps Search and Rescue teams by alerting of imminent danger from structural collapse or the movement of any mass which may harm or impede rescuers and alert the team for evacuation.</p> <p>The device can detect a pre selected movement accurately up to a distance of 30m (100 feet)</p> <p>Movement monitoring. Provides safety zones. Distance accuracy and reliability. Easy to use.</p> <p>Electric Winch: (Quantity 01 No.)</p> <p>Electrically operated winch at middle of the vehicle will have pulling capacity not less than 05 tons with corded remote having minimum 15 feet length it would have suitable steel cable rope of minimum 100 feet length. The electric winch to be</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>installed on specially reinforced platform at the front of vehicle or in the middle of rear body with extended boom 6" x 6" at the back.</p> <p>Rescue Tripod: (Quantity 01 No.) Tripod anchor point for pulley hook for lifting over 318 KG weight with following specification. S/S pipe construction for lifting. Minimum 2.14 meters fully extendable, minimum 3.1 meters full retracted. Telescopic legs. Secondary safety anchorage. Supplied with security chain around base. Stabilizing feet with square. One special hand operated manual winch with self locking system.</p> <p>Full Body Harness: (Quantity 04 No.) Full body rescue harnesses with front loop for D ring near waist and back ring in between shoulder blades.</p> <p>D-Ring: (Quantity 04 No.) D- ring made of aluminum alloy, manual locking system.</p> <p>Figure of Eight: (Quantity 04 No.) Figure of eight made of aluminum alloy.</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Safety Belt: (Quantity 02 No.) Safety belt fit for all sizes would comply with standards.</p> <p>Life Mooring Ring: (Quantity 04 No.) Life/ Mooring Ring with 30m rope designed for the retrieval of MOB, the ring is molded in PVC, weighting only 250gr, and it is tied to a 30 meter floating rope.</p> <p>Jumping Sheet: (Quantity 01 No.) One jumping sheet 12 x 12 Feet to be used for Rescue purpose. Jumping sheet made of high tensile strength polyester fabric to be designed stitched with cross linkage method to make it strong enough to bear the dropping weight of 150 Kg. All around the sheet would be holding handles made of nylon rope 10mm. The center would be marked with red square stripes of fabric and also red stripes all around the corner.</p> <p>Static Rope: (Quantity 02 No.) Static rope 11mm, 45 meter long. This excellent rope with low elongation and high static strength is intended primarily for work at height and for securing people above vertical drops. The thicker the diameter, stronger the rope.</p> <p>Safety Rope: (Quantity 04 No.)</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Safety rope 40 M long having minimum 11 mm dia.</p> <p>Hand Search Light: (Quantity 06 No.)</p> <p>Water proof hand spot search light.</p> <p>Rope Rescue Rollers: (Quantity 01 No.)</p> <p>Specially designed for smooth functioning of winch operation. The roller module is a compact and light weight rope protection system made of alloy. The three articulated pieces allow covering perfectly any kind of edges and the nylon double rolls make 2 ropes action more quick and safe.</p> <p>Basket Stretcher: (Quantity 01 No.)</p> <p>One piece dimension 2.170 x 620 x 185 mm with load capacity minimum 278 kg made of high density aluminum frame resistant the effect of chemicals, rust, corrode extreme temperature. Maximum weight 14 kg adjustable lifting bridle used for horizontal and vertical lifting situation. Device with crane hook and four adjustable belt straps used in vertical or overhanging operation, effective immobilization system, may be used with spine board or vacuum.</p>						

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Knot Passing Pulley: (Quantity 02 No.) Volume rope channel allows the passage of joining knots (lifting loads over great distances or moving along a Tyrolean traverse with two ropes) Large diameter sheave mounted on sealed ball bearings for excellent efficiency. Locking pins on the sheave allow use of the pulley as an anchor. Height : 260mm Weight: 1390 Grams Min. rope diameter: 8mm Max. rope diameter: 19mm</p> <p>Descender: (Quantity 02 No.) Multi-functional handle allows the user to: Unblock the rope and control the descent with the hand on the free end of the rope move more easily on horizontal or low-angle terrain, thanks to the button on the handle get into position without having to tie off the device. Anti-panic function is engaged if the user pulls too strongly on the handle: breaks and stops the descent automatically. Anti-error safety catches to reduce the risk of an accident due to incorrect installation of the device on the rope. The shape of the cam is designed to improve rope glide when ascending.</p>					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>The safety gate on the moving side plate helps prevent dropping the device and facilitates installation of the rope when passing intermediate anchors.</p> <p>The locking screw of the swinging side- plate allows the I'D S to be part of a rescue kit.</p> <p>Lowers heavy load up to 250kg</p> <p>Ascender: (Quantity 02 No.)</p> <p>The aluminum manufacture antron handled rope rescue ascender, enable to handle the double gloves and fits ropes 8mm- 1/2" diameter.</p> <p>Webbing: (Quantity 02 No.)</p> <p>Heavy duty one inch flat webbing in color coded pre-cut lengths for designations in rescue operation.</p> <p>Rescue Carabiner: (Quantity 02 No.)</p> <p>Easy and quick to lock, manufactured from alloy, aluminum and heat treated to meet the stringent. Latest design.</p> <p>Air Lifting Pads: (Quantity 01 Set No.)</p> <p>Pads should be square & rectangular in design of lifting capacity 4 to 2 tons with all pneumatic air filling system.</p> <p>Manual Adjustable Rams: (Quantity 02 No.)</p> <p>Manual adjustable rams having minimum 1.0 ft, 2.0 ft & 3.0 ft</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>extended length & 2.0 ton capacity.</p> <p>One Combination Hammer & Drill: (Quantity 01 No.)</p> <p>Combination hammer is ideal for drilling anchor fixing and through masonry from 12 to 45 mm in diameter and core drilling up to 100mm. its chain drive increases efficiency together with an oil gearbox to ensure total component lubricant dissipation and its ergonomic, compact and slim line maximizes control and often confined spaces.</p> <p>Power Input 1250 Watts</p> <p>Power Output 615 Watts</p> <p>Load Speed 210-415</p> <p>Blows Per Minute 1430-28</p> <p>Impact Energy 2-12J</p> <p>Tool</p> <p>Max. Drilling Capacity (Concrete) 45 mm</p> <p>Max. Drilling Capacity (Break through bit) 65 mm</p> <p>Max. Drilling Capacity (Core bit) 100 mm</p> <p>Weight 6.8kg</p> <p>Length 477mm</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Height 245mm</p> <p>Width 104mm</p> <p>Hand/Arm Vibration 9.2m/S2</p> <p>Accessories Multi –position side handle with depth stop</p> <p>Grease</p> <p>Cloth</p> <p>Heavy Duty carrying case</p> <p>Drill Bit ½” x 12”</p> <p>Drill Bit ¾” x 12”</p> <p>Drill Bit 1” x 12”</p> <p>One Chipping Hammer: (Quantity 01 No.)</p> <p>Chipper demolition hammer for medium heavy applications in brick, masonry and concrete.</p> <p>Variable chisel locking at 24 positions the perfect angles for any applications.</p> <p>Floating rear handle.</p> <p>Electronic speed and impact energy control.</p> <p>Lock on lock off switch.</p> <p>Barrel grip for better comfort in horizontal applications.</p> <p>Brush wear and service indicators.</p> <p>Power Input 1300 Watts</p> <p>Power Output 840 Watts</p> <p>Blows Per Minute 1260-2520 bpm</p> <p>Impact Energy 2-</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>14J Tool Holder Weight 8.0kg Length 528mm Height 268mm Width 116 Hand/Arm Vibration Accessories Multi –position side handle Grease Cloth 1 point chisel Heavy Duty carrying case Drill Bit ½” x 12” Drill Bit 30 45cm x 12” Drill Bit 1” x 12” Tool Kit: (Quantity 01 No.) Mechanical Tool kit box with lifting handles having following items: Screw Driver Set. Spanner Set. Wooden Hack Saw. Elenkey Set. Adjustable Spanner. Wire Cutter. Pliers. Nose Pliers. Box Spanner Set. Testers. Bolt Cutter: (Quantity 01 No.) Bolt cutter 24” and one with 36” insulated handles for minimum 11KV.</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Flood Response Equipment</p>	<p>Inflatable Boat: (Search & Rescue) (Quantity 01 No.) Inflatable Boat with accessories: 6+1 persons rubber boat made of high grade rubber material specially for rough speedy water with sufficient accessories for rescue persons. The bottom and side walls should be covered with high grade Kevlar or equivalent material strong enough for repeatedly hitting sharp edged water course. There should be more than one inflatable chambers, extra foot pump, extra oars and quick repair kit. Specifically designed to meet the requirement of search and rescue operation. Highly Portable. Compact Packed Size. High Pressure Inflation System. Quality of Design. Maximum No. of Person – 06 Maximum Payload Including Fuel – 1700 Kg</p>					

S.No	Item Description	Compliance Yes/No	Qty	Rate	Amount	Remarks
	<p>Standard Color- Orange Overall length - 6430mm Buoyancy Collar Diameter – 480mm Floor Board Usable Area- 5.7 m2 Buoyancy Volume 2341 L Shaft Length (Double) 20” Standard Power 2x 60 Hp Engine Package Twin Number of Air Chambers 5 No. Inflation Pressure 0.24 bar/ 3.4 PSI Intercommunication/ Inflation Valve 5 No. Design Category (EC 94/25) Double Console 1 No. Straddle Seats 4 No. Bow Tow Post 1 No. Foot Pump 1 No. Repair Kit 1 No. Paddles 2 No. Double Skinning (Top collar) 1 No. Black Powder coated Tube Ladder 1 No.</p> <p>Life Buoy: (Quantity 02 No.) Designed for pleasure and commercial usage, feature an orange, rack hard, cross linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions. Ext. Diam 725 mm, Int. Diam 450mm</p> <p>Rope Throwing Gun Line Thrower: (Quantity 01No.)</p>					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>The kit is the swift water/messenger line thrower supplied with two payloads and all the accessories required to operate this device. The messenger line which allows for long range horizontal deployment distances of 400ft/ 104m. this line can be used to throw larger , stronger ropes across a river or fast moving body of water.</p> <p>Polyspectra line has stronger test strength of 2200 lbs/ 998 kg and is intended to be used in water based operation. This line when coupled with the sling projectile becomes an effective way to assist a distressed swimmer. The deployment distance of the polyspectra line with the standard projectile is about 275ft/84m.</p> <p>This streamline filler hose facilitates charging the projectiles with compressed air from air compressor, a SCBA tank or a SCUBA tank.</p> <p>The service pressure of these projectiles is 3000 psi/ 207 BAR. This kit comes complete with spare kit carry bag for easy carrying. Optional accessories include the tool kit and rigid transport/ storage case.</p> <p>Life Jackets: (Imported) (Quantity 04 No.)</p> <p>Orange life jackets buoyancy aid 4 straps fixing and neoprene</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>rubber internal buoyancy. The life jacket would have the 180-220 buoyancy. The life jacket would have whistle and light.</p> <p>Gloves: Imported(Quantity 02 Pairs) Electrician’s gloves rubber type insulated minimum 11 KV. Five fingered head reflecting gloves made of 5 mm neoprene ensure that you can use your hands to the full during dives.</p> <p>Gloves: Local (Quantity 15 Pairs) Knee and Elbow Pads: (Quantity 04 Pairs Each) For professional search and rescue operation.</p> <p>Hydro Stretchable Full Wet Suit: (Quantity 02) 6 mm power span TM panels on shoulders, back and arms for mobility reflective lettering on the bright yellow sleeves increase visibility Knee and shins armored with molded polyurethane 5mm sheet covered with tough tax for extra padding and durability.</p> <p>Diving Boots: (Quantity 04 Pairs) The ideal pair of boots which can be use in water manufactured with Neoprene, and have rubber reinforced toe and heel. Non slip sole gives better traction on all surfaces, even when wet. An easy slip in</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>zipper offer perfect fit.</p> <p>Swim Fins/Flippers: (Quantity 04 Pairs)</p> <p>Shredder fins can be worn over water boots.</p> <p>Water proof under water lights: (Quantity 04 No.)</p> <p>It uses a clever magnetic switch that operates outside of the body to prevent leaking. The switch can be easily removed for washing off sand and dirt.</p> <p>Unique battery compartment design allows for optimal space utilization and negative buoyancy. A spare Xenon lamp is included and stored underneath the reflector. Submersible to 500 feet and powered by 8 C alkaline cells with operation timing 4 hours.</p> <p>Diving Mask: (Quantity 04 No.)</p> <p>Low volume single lens designed for exceptional field of vision.</p> <p>Beuchat hinged pivoting buckle system.</p> <p>Double seal liquid silicone skirt. Available in clear and black silicon.</p> <p>Diving Apparatus SCUBA: (Quantity 02 Sets)</p> <p>Breathing Apparatus for water rescue having following items.</p> <p>1.Air Cylinder: Tank 151/3300PSI (230 bars) giving the capacity of twin tank.</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Dual outlet valve (Din or INT) without reserve. Carrying handle. Vol: 15 liters PS : 3300 PSI (230 bars) L : 72,5 cm D : 20 cm P : 18,9 Kg</p> <p>2.Jacket Master Air Tek: Technical BC with 840 Denier polyurethane bag and 420 denier expandable pockets. 1000 denier Cordura outer covering. Air volume separated front and rear. Length- adjustable shoulder straps and straps on the sides. Aluminum backpack with lumber support. 2 accessory pockets with zip. 2 fixed rear ballast pockets for 2.5 kg of weight. 2 expandable front ballast pockets for 5 kg of weight, with safety closure. Snorkel and Knife holder accessories. Flap. Tank strap with quick connector. Inflator and upper and lower exhaust valve standard. Weight of size M : 4.450 kg</p> <p>3.Regulator: For use in temperature water – designed for dives in temperature water. Product</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>suitable for dive centers.</p> <p>Balanced 2nd stage with adjustable venturi.</p> <p>Compacity.</p> <p>Best quality/ price offer of the market.</p> <p>Easy maintenance.</p> <p>Piston 1st stage with balanced compact 2nd stage.</p> <p>1st stage with a 90 degree connection designed with an adjustable PM seat.</p> <p>Piston, valve and sping are the ones of the V3.</p> <p>Compact 2nd stage with an adjustable venturi.</p> <p>Best compromise between simple design and performance thanks to the compensate 2nd stage which maintains high breathing performance with low HP(0.83J/L with 50 bars)</p> <p>929g DIN – 1105g Yoke.</p> <p>4.Octopus VTR:</p> <p>Backup second stage – for use in temperature waters – Goes with the VRT200 and VRT 30.</p> <p>VRT OCTOPUS compact second stage Pneumatically balanced adjustable venture system for enhanced performance and ease of breathing on any diving situation.</p> <p>5. Underwater Pressure Gauge:</p> <p>Analogical pressure gauge.</p> <p>Luminescent screens.</p>						

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
			<p>Pressure gauge 300 bars up to 250 with indication of zone of reserve.</p> <p>Graduation all 10 bars.</p> <p>Nickelled stamped brass body.</p> <p>The unit is swiveling for an optimal orientation. Soft HP hose with connection 7/16" for connection to all 1st stages regulators.</p> <p>6. Weight Belt :</p> <p>Weight belt balance your weight when you diving.</p> <p>Goggles and Re useable Earplugs: (Quantity 04+04)</p> <p>Goggles and Re useable Earplugs.</p> <p>Floating Lines: (Quantity 02)</p> <p>Floating rope made of Polyethylene material having 10mm dia with 45m length.</p>					
		<p>Urban Search & Rescue Equipment</p>	<p>Cutting Equipment- Rescue Concrete Cutter: (Quantity 01)</p> <p>Light weight.</p> <p>Ergonomic control system.</p> <p>Perfectly balanced.</p> <p>Decompression valve.</p> <p>Tension of drive belt easily adjusted with a screwdriver.</p> <p>5- stage air filter system.</p> <p>Bearing assistance on the protection cover.</p> <p>Available with guide trolley.</p> <p>Cutting disc can be mounted centrally or laterally.</p> <p>Engine 2 stroke.</p> <p>Displacement 94 cm3</p>					

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Power rating 4, 2 kw Power rating 5,7 PS Fuel Tank Capacity 1,1 l Circumferential speed 80 m/s Weight without blade 10 kg Max cutting depth 125mm Wheel 350mm Arbor 20mm Arbor 25,4 mm</p> <p>Flame Cutter: (Quantity 01) Rescue flame cutting system to cut steel of minimum 40 inch thickness, for minimum of 30 minutes continuous operation(Fuel = Petrol + Oxygen) torch min 20 inches long, 90 degree head. Flame Cutter having following items: Torch, 20 inch with 90 degree head; Gasoline tank 2.5 gallons. 2 cutting tips. Gasoline hose assembly, 20' feet. Oxygen hose assembly 25' feet. Oxygen back flash arrestor. Spark sticker. Reference manual. Getting Started color chart. Training Video. Parts Kit (Contents) Mixer with wick and O-ring. Pre-heat oxygen valve. High pressure oxygen valve. External O-ring for high pressure oxygen valve. Internal O-ring for high pressure</p>					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>oxygen valve.</p> <p>Installation tool for internal O-ring.</p> <p>Lever nut.</p> <p>Lever screw.</p> <p>2 metal wicks.</p> <p>1 set O-ring for mixer.</p> <p>Filler cap gasket.</p> <p>Leather pump cup.</p> <p>Flat seal for pump check valve.</p> <p>Extra flint for sparker.</p> <p>Tool Kit (Contents)</p> <p>Tip shell reamer.</p> <p>Tip brush</p> <p>Jack screw</p> <p>Packing nut wrench</p> <p>Tip drill set.</p> <p>Rotary Saw Cutters: (Quantity 01)</p> <p>Soft start to limit start up current and reduce kick back.</p> <p>Anti vibration side handle.</p> <p>Quick adjustment tool free guard.</p> <p>Abrasion protected high power motor for increased motor durability.</p> <p>Fully leaded stator windings for increased motor durability.</p> <p>Five position sides handle for improved balance in cutting and grinding applications.</p> <p>Cut- off brushes to prolong product life.</p> <p>Power input 2200Watts</p> <p>No Load Speed 6500 rpm</p> <p>Max. Disc Diameter 230 mm</p> <p>Spindle Thread M14</p>						

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Weight 4.7 Kg Length 450mm Height 145 mm Power Output 1540 Watts Hand/Arm Vibration Grinding Uncertainty K1 (Vibration) Sound Pressure Uncertainty K1 (Sound) Accoustic Pressure Uncertainty K2 (Sound) Accessories Protective tool free guard. Anti vibration side handle. Inner and outer flange set. Spanner. Heavy duty carrying case. Multipurpose Blade (Concrete and Metal) Reciprocating Saw: (Quantity 01) 1200 Watt motor delivers increased power for heavy duty application. 0-2600 SPM and 28mm stroke length for fast and efficient cutting. Keyless stainless steel blade change for quick and easy blade changes and increased reliability. Keyless adjustable shoe easily adjust the depth of cut and extends the blade life. Variable speed trigger provides control and versatility Power input 1200Watts</p>					

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Power output 630Watts No Lead Stroke Rate 0- 2600SPM Stroke Length 28mm Max. Cutting Capacity (Wood) 300mm Maz. Cutting Capacity (Steel Section & Pipes 130mm Max. Cutting Capacity (PVC) 160mm Weight 4.0kg Length 460mm Strokes/Min Stroke Length Keyless Blade Clamp Dust Blower Orbitlal Action Beval Capacity</p> <p>Chain Saws: (Quantity 01) Petrol engine driven saw having minimum 22" bar with standard accessories.</p> <p>Rescue Chain Saw: (Quantity 01) Gasoline engine driven, for concrete cutting 20" to 24" with one spare chain.</p> <p>Hydraulic Combi Tool Rescue Combi Tool Hydraulic (Spreaders & Cutter) (Quantity 01) having following specifications. Opening: 460mm Spreading force, min. 41kN Spreading force, max.119kN</p>					

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Cutting Force 74,34 Tons Cutting Capacity 31 mm Pulling Force 66kN Weight 165kg Length 740mm Hydraulic Power Unit: High oil flow in low and high pressure simultaneous hydraulic power units for the simultaneous operation of up to three tools. Automatic locking, flat face quick connect couplings optional with mono coupling. Stable carrying frame with the option to upgrade to DIN-Standard frame. Large oil reservoirs equipped with gauge glass. Rapid deployment equipment available: choice of front or side mount hose reels (2 reels, capacity is 10m with 1 spare reel of 20m of high pressure twin line hose. Tools. Operating pressure 630-720 bar. Oil flow/pressure 2x 2.4/min.180bar 2 x 0.7l/min/720 bar. Power 2.15KW Oil tank 5 l (3.5) l Width/Depth/Height 330/345/465mm Hydraulic Oil. Pulling Device Chain Set: (Quantity 01) Rescue system pulling chains</p>					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>can be attached directly to the tips of the combi tool without tip exchange. The required length is easily adjusted by inserting the chain links into the attached collets.</p> <p>Pulling chains are delivered as a set consisting of chains and 2 collets.</p> <p>Replacement Blades and Replacement Tips:</p> <p>The unique construction principle of Rescue System combi tools provides an easy exchange of the blades without the need of replacing the arms- thus saving time and maintenance expenses. The regrind able blades must be replaced in pairs.</p> <p>Hydraulic Jacks:</p> <p>Hydraulic jack (bottle jack type) minimum 12 tons with standard accessories.</p> <p>Rescue Helmet: (Quantity 06)</p> <p>Rescue helmets designed for professional use i.e. Search and rescue team to protect the rescuers from falling debris. Light weight, compact and durable.</p>						

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>Oxygen Supply system: (Quantity 02)</p> <p>B.P Apparatus: (Quantity 01) Automatic External Defibrillation (AED) (Quantity 01)</p> <p>Syringe Cutters: (Quantity 01)</p> <p>First Aid Bag: (Quantity 01)</p> <p>Syringe Pump: (Quantity 01)</p> <p>Suction Apparatus: (Quantity 01)</p> <p>Emergency Medical Services Equipment (Basic and Advance Life Support)</p> <p>Pulse Oximeter: (Quantity 01)</p> <p>Emergency Transport Ventilation: (Quantity 01)</p> <p>Burn Kit: (Quantity 01)</p> <p>Bleeding Kit: (Quantity 01)</p> <p>Amputation Kit: (Quantity 01)</p> <p>Trauma First Aid Kit and other items:</p> <p>Scissors: (Quantity 02)</p> <p>Forceps: (Quantity 02)</p> <p>Pen Light: (Quantity 02)</p> <p>Face Mask: (Quantity 02)</p> <p>CPR Mask: (Quantity 02)</p> <p>Caution Sign Type etc. (Quantity 02)</p>					
		<p>Force able entry Tools:</p> <p>Axe: (Quantity 04) Flat head Axe with insulated handle length minimum 1.50 feet.</p> <p>Pick Axe: (Quantity 024) Pick axe of medium size with 2 ½ feet wooden handle.</p> <p>Crow Bar: (Quantity 04) Crow bar with pointed & flat</p>					

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>ends, minimum 6 feet length and minimum 35mm diameter.</p> <p>Hook and Chain: (Quantity 04)</p> <p>Large forged alloy steel hook attached to a length of 3/8" (1cm) high test alloy steel chain and grab hook. Chain has a working load capacity of 5400lbs. (2450Kg) Hook is 6.5" (16cm) wide and electroless nickel plated.</p> <p>Hook and Claw: (Quantity 04)</p> <p>Heavy duty prying tool designed for overhauling. Both the hook and claw is drop forged from high alloy steel. The hook has a 6.5" opening with sharpened machine.</p> <p>Hacksaw: (Quantity 04)</p> <p>Hacksaw with fine tune- tooth hand saw with a blade held under tension in frame used for cutting material such as metal plastic. Attaching a narrow disposable blade.</p> <p>Hammers: (Quantity 04)</p> <p>Hammer 4.5 Kg with minimum 1.50 feet wooden handle.</p> <p>Shovels: (Quantity 04)</p> <p>Flat type shovels with 2 ½ feet wooden handle.</p> <p>Chisels: (Quantity 04)</p> <p>Mild steel hand chisels minimum 8 inch long flat head and pointed head.</p>					
		<p>General Equipment</p>					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks	
			<p>Extension Lead on Reel: (Quantity 01) Extension wire lead on reel with 100 feet electrical cable 20 Amp load capacity having 3 electrical outlets and one circuit breaker.</p> <p>Ladders- Extension Ladder: (Quantity 01) Minimum 15 feet F/G (2 section) ladder. 150kg load capacity between the centers of the ladder. Special fitting stand for extendable ladder with lock and quick release mechanism on roof top.</p> <p>Straight or Fixed: (Quantity 01) Fixed ladder on side or behind made of stainless steel pipe.</p> <p>Safety Signs: All type of safety/traffic signs on reflecting tap/stickers in according with the international standards and custom made signs to be used for indication exists, direction, rescue and life saving equipment.</p> <p>Cordon of Tape: Cordon of Tape for marking the area.</p> <p>Working Mat: (Quantity 06) Synthetic/ Rubber working mat size 1 meter x 2 meter.</p> <p>Tarpaulin Sheet: (Quantity 04) Tarpaulin Sheet PVC coated</p>						

S.No	Item Description		Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>size 6x 8 m</p> <p>Floating Lines: (Quantity 02) Floating rope made of polyethylene material having 10 mm dia with 45 m length</p>					
		<p>Generator: ((Quantity 01) Diesel/ petrol engine 15 KVA Generator, with sound proof canopy. It would be installed at front of the rear cabin with one shutter door towards the front side of the rear cabin for maintenance of the generator and proper exhaust system. Storage Backup, Positioning Lighting. All emergency lightings, internal and external, operating on 24V. Lights would be LED. All electrical wiring would be with no joint and taping, having all connector system and having separate fuse box for incident operation. All wires would be as per load requirement and would be of fire retardant material. Special cutout/ charging system to be installed for charging of generator battery. Provision for charger of wireless handset. One control panel for 24V in driver cabin. Main LED warning light in red and blue color installed on special spoiler on roof top of front cabin. There would be warning lights in red and blue</p>					
		Power Supplies					

S.No	Item Description			Compliance Yes/No	Qty	Rate	Amount	Remarks
		<p>color all around the vehicle. Every compartment would have separate LED lighting of white color. One PA system 150W output electronic siren with speaker and microphone.</p> <p>Portable Generator: (Quantity 01) Portable electric Power Generator Driven Engine minimum 03KVA. Rated Out 2.8 KVA Consumption 2.0 liters/hour Tank Capacity 24 Liters.</p>						

Section VI. Sample Forms

Notes on the Sample Forms

The Bidder shall complete and submit with its bid the **Bid Form** and **Price Schedules** pursuant to ITB Clause 9 and in accordance with the requirements included in the bidding documents.

When requested in the Bid Data Sheet, the Bidder should provide the **Bid Security**, either in the form included hereafter or in another form acceptable to the Purchaser, pursuant to ITB Clause 15.3.

The **Contract Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted bid resulting from price corrections pursuant to ITB Clause 16.3 and GCC Clause 17, acceptable deviations (e.g., payment schedule pursuant to ITB Clause 25.4 (c), spare parts pursuant to ITB Clause 25.4 (d), or quantity variations pursuant to ITB Clause 29. The Price Schedule and Schedule of Requirements deemed to form part of the contract should be modified accordingly.

The **Performance Security** and **Bank Guarantee for Advance Payment** forms should not be completed by the bidders at the time of their bid preparation. Only the successful Bidder will be required to provide performance security and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another form acceptable to the Purchaser and pursuant to GCC Clause 7.3 and SCC 11, respectively.

The **Manufacturer's Authorization** form should be completed by the Manufacturer, as appropriate, pursuant to ITB Clause 13.3 (a).

Sample Forms

1. BID FORM AND PRICE SCHEDULES.....	73
2. BID SECURITY FORM	104
3. CONTRACT FORM	105
4. PERFORMANCE SECURITY FORM	106
5. BANK GUARANTEE FOR ADVANCE PAYMENT.....	107
6. MANUFACTURER’S AUTHORIZATION FORM	108

1. Bid Form and Price Schedules

Date: _____
Grant No.: TF012516-PK
IFB N^o: _____

To:
Procurement Officer,
Balochistan Disaster Management Project

Gentlemen and/or Ladies:

Having examined the bidding documents including Addenda Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and implementation of Rescue Vehicle For Rapid Rescue And Response Team (R3t) in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to _____ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Bid for a period of *[number]* days from the date fixed for Bid opening under Clause 22 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
(if none, state "none")	_____	_____

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 19____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Price Schedule in Pak. Rupees

Name of Bidder _____ . IFB Number _____ . Page of _____ .

1	2	3	4	5	6	7
Item	Description	Country of origin	Quantity	Unit price DDP named place	Total DDP per item	Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³
01	Multi Purpose Disaster Response Vehicle		02			
	Vehicle	Truck				
	Type	Full Torque, Full Power, Drive 4X 2				
	General	Disaster response vehicle specially designed for responding to natural disasters such as earthquake, flood, cyclone building collapse, confined space search and rescue and water rescue with fabrication, equipment and tools cover the full spectrum of search and rescue operation and emergency medical treatment in the event of disaster.				
	Crew Cabin	Crew cabin will be provided for seating of 3-4 DERT rescuers and EMT emergency medical technicians.				
	Fabrication	Rear cabin's fabrication will be done with skeleton made of complete profile of aluminum alloy channels which are internationally recommended rescue vehicles, sizes 60mm (W) x 30 mm (H) and 30mm (W) or better articulated with each other by special bolts. All open faces to be covered by painted				

1 Item	2 Description		3 Country of origin	4 Quantity	5 Unit price DDP named place	6 Total DDP per item	7 Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³
		<p>aluminum sheet.</p> <p>This skeleton structure will be fixed on the bed of vehicle.</p> <p>Tool boxes would also be made of same profile and inner will be of aluminum alloy checkered sheet with doors of boxes made of painted aluminum sheet having stainless steel sheet lock for each tool box.</p> <p>5 ton pulling capacity electrical 24V/12V winch with corded remote and control box would be installed with specially designed platform.</p> <p>Provision for storage of all under mentioned equipment with proper marking/ label and or storage provision for self contained breathing apparatus with suitable fixing.</p> <p>Fixed ladder on side or behind made of stainless steel pipe.</p> <p>Special fitting stand for extendable ladder with lock and quick release mechanism on roof top.</p>					
	<p>Equipment Details</p>	<p>Earthquake Response Equipment</p> <p>Electronic Search and Rescue Devices:</p> <p>1. Wireless Life Detector: (Quantity 01 No.)</p> <p>i.e. Life locating or Victims locating devices used to sense any movement. This life locating system should be an indispensable tool for use in any disaster scene where there may be people trapped underground or under debris. This system should use ultra wide band</p>					

1 Item	2 Description		3 Country of origin	4 Quantity	5 Unit price DDP named place	6 Total DDP per item	7 Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³
		<p>ground penetrating radar (UWB GPR) to search for possible signs of life as small as a heartbeat or someone simply breathing through up to ten meters of debris or underground. The device is controlled wirelessly by a touch screen hand held controller tablet thus avoiding messy cables that may get tangled or damaged. The control unit automatically displays the result for each scan signals to highlight any possible signs of life detected.</p> <p>To be easy and fast to deploy.</p> <p>To be easily portable, light weight and compact.</p> <p>To be rugged and durable.</p> <p>To operate independently with no external power requirements.</p> <p>2. Search Camera with Communication: (Quantity 01 No.)</p> <p>This device is used during rescue operation to visually locate and communicate with victims. The light weight control box linked to a flexible telescopic camera probe is designed to help in identifying with accuracy the positional location of buried victims in difficult to enter in confined spaces to communicate with them evaluate and monitor their condition.</p> <p>The telescopic probe extends between 1.1 m and 2.40m or a versatile 1m to 4m option to allow visual inspection of inaccessible areas either at height and confined spaces.</p>					

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		<p>3. Device to Monitor Structural Movement: (Quantity 01 No.) This device helps Search and Rescue teams by alerting of imminent danger from structural collapse or the movement of any mass which may harm or impede rescuers and alert the team for evacuation. The device can detect a pre selected movement accurately up to a distance of 30m (100 feet) Movement monitoring. Provides safety zones. Distance accuracy and reliability. Easy to use.</p> <p>Electric Winch: (Quantity 01 No.) Electrically operated winch at middle of the vehicle will have pulling capacity not less than 05 tons with corded remote having minimum 15 feet length it would have suitable steel cable rope of minimum 100 feet length. The electric winch to be installed on specially reinforced platform at the front of vehicle or in the middle of rear body with extended boom 6" x 6" at the back.</p> <p>Rescue Tripod: (Quantity 01 No.) Tripod anchor point for pulley hook for lifting over 318 KG weight with following specification. S/S pipe construction for lifting. Minimum 2.14 meters fully extendable, minimum 3.1 meters full retracted.</p>					

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		<p>Telescopic legs. Secondary safety anchorage. Supplied with security chain around base. Stabilizing feet with square. One special hand operated manual winch with self locking system.</p> <p>Full Body Harness: (Quantity 04 No.) Full body rescue harnesses with front loop for D ring near waist and back ring in between shoulder blades. D-Ring: (Quantity 04 No.) D- ring made of aluminum alloy, manual locking system. Figure of Eight: (Quantity 04 No.) Figure of eight made of aluminum alloy. Safety Belt: (Quantity 02 No.) Safety belt fit for all sizes would comply with standards. Life Mooring Ring: (Quantity 04 No.) Life/ Mooring Ring with 30m rope designed for the retrieval of MOB, the ring is molded in PVC, weighting only 250gr, and it is tied to a 30 meter floating rope. Jumping Sheet: (Quantity 01 No.) One jumping sheet 12 x 12 Feet to be used for Rescue purpose. Jumping sheet made of high tensile strength polyester fabric to be designed stitched with cross linkage method to make it strong enough to bear the dropping weight of 150 Kg.</p>					

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		<p>All around the sheet would be holding handles made of nylon rope 10mm. The center would be marked with red square stripes of fabric and also red stripes all around the corner.</p> <p>Static Rope: (Quantity 02 No.) Static rope 11mm, 45 meter long. This excellent rope with low elongation and high static strength is intended primarily for work at height and for securing people above vertical drops. The thicker the diameter, stronger the rope.</p> <p>Safety Rope: (Quantity 04 No.) Safety rope 40 M long having minimum 11 mm dia.</p> <p>Hand Search Light: (Quantity 06 No.) Water proof hand spot search light.</p> <p>Rope Rescue Rollers: (Quantity 01 No.) Specially designed for smooth functioning of winch operation. The roller module is a compact and light weight rope protection system made of alloy. The three articulated pieces allow covering perfectly any kind of edges and the nylon double rolls make 2 ropes action more quick and safe.</p> <p>Basket Stretcher: (Quantity 01 No.) One piece dimension 2.170 x 620 x 185 mm with load capacity minimum 278 kg made of high density aluminum frame resistant the effect of chemicals,</p>					

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		<p>rust, corrode extreme temperature. Maximum weight 14 kg adjustable lifting bridle used for horizontal and vertical lifting situation. Device with crane hook and four adjustable belt straps used in vertical or overhanging operation, effective immobilization system, may be used with spine board or vacuum.</p> <p>Knot Passing Pulley: (Quantity 02 No.)</p> <p>Volume rope channel allows the passage of joining knots (lifting loads over great distances or moving along a Tyrolean traverse with two ropes)</p> <p>Large diameter sheave mounted on sealed ball bearings for excellent efficiency.</p> <p>Locking pins on the sheave allow use of the pulley as an anchor.</p> <p>Height : 260mm</p> <p>Weight: 1390 Grams</p> <p>Min. rope diameter: 8mm</p> <p>Max. rope diameter: 19mm</p> <p>Descender: (Quantity 02 No.)</p> <p>Multi-functional handle allows the user to: Unblock the rope and control the descent with the hand on the free end of the rope move more easily on horizontal or low-angle terrain, thanks to the button on the handle get into position without having to tie off the device.</p> <p>Anti-panic function is engaged if the user pulls too strongly on the handle: breaks and stops the descent</p>					

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		<p>automatically.</p> <p>Anti- error safety catches to reduce the risk of an accident due to incorrect installation of the device on the rope.</p> <p>The shape of the cam is designed to improve rope glide when ascending.</p> <p>The safety gate on the moving side plate helps prevent dropping the device and facilitates installation of the rope when passing intermediate anchors.</p> <p>The locking screw of the swinging side-plate allows the I'D S to be part of a rescue kit.</p> <p>Lowers heavy load up to 250kg</p> <p>Ascender: (Quantity 02 No.)</p> <p>The aluminum manufacture anthron handled rope rescue ascender, enable to handle the double gloves and fits ropes 8mm- 1/2" diameter.</p> <p>Webbing: (Quantity 02 No.)</p> <p>Heavy duty one inch flat webbing in color coded pre-cut lengths for designations in rescue operation.</p> <p>Rescue Carabiner: (Quantity 02 No.)</p> <p>Easy and quick to lock, manufactured from alloy, aluminum and heat treated to meet the stringent. Latest design.</p> <p>Air Lifting Pads: (Quantity 01 Set No.)</p> <p>Pads should be square & rectangular in design of lifting capacity 4 to 2 tons with all pneumatic air filling system.</p> <p>Manual Adjustable Rams: (Quantity 02 No.)</p> <p>Manual adjustable rams having</p>					

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		<p>minimum 1.0 ft, 2.0 ft & 3.0 ft extended length & 2.0 ton capacity.</p> <p>One Combination Hammer & Drill:</p> <p>(</p> <p>Combination hammer is ideal for drilling anchor fixing and through masonry from 12 to 45 mm in diameter and core drilling up to 100mm. its chain drive increases efficiency together with an oil gearbox to ensure total component lubricant dissipation and its ergonomic, compact and slim line maximizes control and often confined spaces.</p> <p>Power Input 1250 Watts</p> <p>Power Output 615 Watts</p> <p>Load Speed 210-415</p> <p>Blows Per Minute 1430-28</p> <p>Impact Energy 2-12J</p> <p>Tool Holder Max.</p> <p>Drilling Capacity (Concrete) 45 mm</p> <p>Max. Drilling Capacity (Break through bit) 65 mm</p> <p>Max. Drilling Capacity (Core bit) 100 mm</p> <p>Weight 6.8kg</p> <p>Length 477mm</p> <p>Height 245mm</p> <p>Width 104mm</p> <p>Hand/Arm Vibration</p>					

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		<p>9.2m/S2 Accessories Multi –position side handle with depth stop Grease Cloth Heavy Duty carrying case Drill Bit ½” x 12” Drill Bit ¾” x 12” Drill Bit 1” x 12” One Chipping Hammer: (Quantity 01 No.) Chipper demolition hammer for medium heavy applications in brick, masonry and concrete. Variable chisel locking at 24 positions the perfect angles for any applications. Floating rear handle. Electronic speed and impact energy control. Lock on lock off switch. Barrel grip for better comfort in horizontal applications. Brush wear and service indicators. Power Input 1300 Watts Power Output 840 Watts Blows Per Minute 1260-2520 bpm Impact Energy 2-14J Tool Holder Weight 8.0kg Length 528mm Height</p>					

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		268mm Width 116 Hand/Arm Vibration Accessories Multi –position side handle Grease Cloth 1 point chisel Heavy Duty carrying case Drill Bit ½” x 12” Drill Bit 30 45cm x 12” Drill Bit 1” x 12” Tool Kit: (Quantity 01 No.) Mechanical Tool kit box with lifting handles having following items: Screw Driver Set. Spanner Set. Wooden Hack Saw. Elenkey Set. Adjustable Spanner. Wire Cutter. Pliers. Nose Pliers. Box Spanner Set. Testers. Bolt Cutter: (Quantity 01 No.) Bolt cutter 24” and one with 36” insulated handles for minimum 11KV.					

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		<p>Inflatable Boat: (Search & Rescue) (Quantity 01 No.) Inflatable Boat with accessories: 6+1 persons rubber boat made of high grade rubber material specially for rough speedy water with sufficient accessories for rescue persons. The bottom and side walls should be covered with high grade Kevlar or equivalent material strong enough for repeatedly hitting sharp edged water course. There should be more than one inflatable chambers, extra foot pump, extra oars and quick repair kit. Specifically designed to meet the requirement of search and rescue operation. Highly Portable. Compact Packed Size. High Pressure Inflation System. Quality of Design. Maximum No. of Person – 06 Maximum Payload Including Fuel – 1700 Kg Standard Color- Orange Overall length - 6430mm Buoyancy Collar Diameter – 480mm Floor Board Usable Area- 5.7 m2 Buoyancy Volume 2341 L Shaft Length (Double) 20” Standard Power 2x 60 Hp</p>					

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		<p>Engine Package Twin Number of Air Chambers 5 No. Inflation Pressure 0.24 bar/ 3.4 PSI Intercommunication/ Inflation Valve 5 No. Design Category (EC 94/25) Double Console 1 No. Straddle Seats 4 No. Bow Tow Post 1 No. Foot Pump 1 No. Repair Kit 1 No. Paddles 2 No. Double Skinning (Top collar) 1 No. Black Powder coated Tube Ladder 1 No.</p> <p>Life Buoy: (Quantity 02 No.) Designed for pleasure and commercial usage, feature an orange, rack hard, cross linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions. Ext. Diam 725 mm, Int. Diam 450mm</p> <p>Rope Throwing Gun Line Thrower: (Quantity 01No.) The kit is the swift water/ messenger line thrower supplied with two payloads and all the accessories required to operate this device. The messenger line which allows for long range horizontal deployment distances of 400ft/ 104m. this line can be used to throw larger , stronger ropes across a river or fast moving body of water. Polyspectra line has stronger test</p>					

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		<p>strength of 2200 lbs/ 998 kg and is intended to be used in water based operation. This line when coupled with the sling projectile becomes an effective way to assist a distressed swimmer. The deployment distance of the polyspectra line with the standard projectile is about 275ft/84m.</p> <p>This streamline filler hose facilitates charging the projectiles with compressed air from air compressor, a SCBA tank or a SCUBA tank.</p> <p>The service pressure of these projectiles is 3000 psi/ 207 BAR. This kit comes complete with spare kit carry bag for easy carrying. Optional accessories include the tool kit and rigid transport/ storage case.</p> <p>Life Jackets: (Imported) (Quantity 04 No.)</p> <p>Orange life jackets buoyancy aid 4 straps fixing and neoprene rubber internal buoyancy. The life jacket would have the 180-220 buoyancy. The life jacket would have whistle and light.</p> <p>Gloves: Imported(Quantity 02 Pairs)</p> <p>Electrician's gloves rubber type insulated minimum 11 KV.</p> <p>Five fingered head reflecting gloves made of 5 mm neoprene ensure that you can use your hands to the full during dives.</p> <p>Gloves: Local (Quantity 15 Pairs)</p> <p>Knee and Elbow Pads: (Quantity 04 Pairs Each)</p>					

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		<p>For professional search and rescue operation.</p> <p>Hydro Stretchable Full Wet Suit: (Quantity 02) 6 mm power span TM panels on shoulders, back and arms for mobility reflective lettering on the bright yellow sleeves increase visibility Knee and shins armored with molded polyurethane 5mm sheet covered with tough tax for extra padding and durability.</p> <p>Diving Boots: (Quantity 04 Pairs) The ideal pair of boots which can be use in water manufactured with Neoprene, and have rubber reinforced toe and heel. Non slip sole gives better traction on all surfaces, even when wet. An easy slip in zipper offer perfect fit.</p> <p>Swim Fins/Flippers: (Quantity 04 Pairs) Shredder fins can be worn over water boots.</p> <p>Water proof under water lights: (Quantity 04 No.) It uses a clever magnetic switch that operates outside of the body to prevent leaking. The switch can be easily removed for washing off sand and dirt. Unique battery compartment design allows for optimal space utilization and negative buoyancy. A spare Xenon lamp is included and stored underneath the reflector. Submersible to 500 feet and powered by 8 C alkaline cells with</p>					

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		<p>operation timing 4 hours.</p> <p>Diving Mask: (Quantity 04 No.) Low volume single lens designed for exceptional field of vision. Beuchat hinged pivoting buckle system. Double seal liquid silicone skirt. Available in clear and black silicon.</p> <p>Diving Apparatus SCUBA: (Quantity 02 Sets) Breathing Apparatus for water rescue having following items.</p> <p>1.Air Cylinder: Tank 15l/3300PSI (230 bars) giving the capacity of twin tank. Dual outlet valve (Din or INT) without reserve. Carrying handle. Vol: 15 liters PS : 3300 PSI (230 bars) L : 72,5 cm D : 20 cm P : 18,9 Kg</p> <p>2.Jacket Master Air Tek: Technical BC with 840 Denier polyurethane bag and 420 denier expandable pockets. 1000 denier Cordura outer covering. Air volume separated front and rear. Length- adjustable shoulder straps and straps on the sides. Aluminum backpack with lumber support. 2 accessory pockets with zip. 2 fixed rear ballast pockets for 2.5 kg of weight. 2 expandable front ballast pockets for 5</p>					

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		<p>kg of weight, with safety closure. Snorkel and Knife holder accessories. Flap. Tank strap with quick connector. Inflator and upper and lower exhaust valve standard. Weight of size M : 4.450 kg</p> <p>3.Regulator: For use in temperature water – designed for dives in temperature water. Product suitable for dive centers. Balanced 2nd stage with adjustable venturi. Compacity. Best quality/ price offer of the market. Easy maintenance. Piston 1st stage with balanced compact 2nd stage. 1st stage with a 90 degree connection designed with an adjustable PM seat. Piston, valve and sping are the ones of the V3. Compact 2nd stage with an adjustable venturi. Best compromise between simple design and performance thanks to the compensate 2nd stage which maintains high breathing performance with low HP(0.83J/L with 50 bars) 929g DIN – 1105g Yoke.</p> <p>4.Octopus VTR: Backup second stage – for use in temperature waters – Goes with the VRT200 and VRT 30. VRT OCTOPUS compact second stage</p>					

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		<p>Pneumatically balanced adjustable venture system for enhanced performance and ease of breathing on any diving situation.</p> <p>5. Underwater Pressure Gauge: Analogical pressure gauge. Luminescent screens. Pressure gauge 300 bars up to 250 with indication of zone of reserve. Graduation all 10 bars. Nickelled stamped brass body. The unit is swiveling for an optimal orientation. Soft HP hose with connection 7/16" for connection to all 1st stages regulators.</p> <p>6. Weight Belt : Weight belt balance your weight when you diving.</p> <p>Goggles and Re useable Earplugs: (Quantity 04+04) Goggles and Re useable Earplugs.</p> <p>Floating Lines: (Quantity 02) Floating rope made of Polyethylene material having 10mm dia with 45m length.</p>					
	<p>Urban Search & Rescue Equipment</p>	<p>Cutting Equipment- Rescue Concrete Cutter: (Quantity 01) Light weight. Ergonomic control system. Perfectly balanced. Decompression valve. Tension of drive belt easily adjusted with a screwdriver.</p>					

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		<p>5- stage air filter system. Bearing assistance on the protection cover. Available with guide trolley. Cutting disc can be mounted centrally or laterally. Engine 2 stroke. Displacement 94 cm³ Power rating 4, 2 kw Power rating 5,7 PS Fuel Tank Capacity 1,1 l Circumferential speed 80 m/s Weight without blade 10 kg Max cutting depth 125mm Wheel 350mm Arbor 20mm Arbor 25,4 mm</p> <p>Flame Cutter: (Quantity 01) Rescue flame cutting system to cut steel of minimum 40 inch thickness, for minimum of 30 minutes continuous operation(Fuel = Petrol + Oxygen) torch min 20 inches long, 90 degree head. Flame Cutter having following items: Torch, 20 inch with 90 degree head; Gasoline tank 2.5 gallons. 2 cutting tips. Gasoline hose assembly, 20' feet. Oxygen hose assembly 25' feet. Oxygen back flash arrestor. Spark sticker. Reference manual. Getting Started color chart. Training Video. Parts Kit (Contents)</p>					

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		<p>Mixer with wick and O-ring. Pre-heat oxygen valve. High pressure oxygen valve. External O-ring for high pressure oxygen valve. Internal O-ring for high pressure oxygen valve. Installation tool for internal O-ring. Lever nut. Lever screw. 2 metal wicks. 1 set O-ring for mixer. Filler cap gasket. Leather pump cup. Flat seal for pump check valve. Extra flint for sparker. Tool Kit (Contents) Tip shell reamer. Tip brush Jack screw Packing nut wrench Tip drill set. Rotary Saw Cutters: (Quantity 01) Soft start to limit start up current and reduce kick back. Anti vibration side handle. Quick adjustment tool free guard. Abrasion protected high power motor for increased motor durability. Fully leaded stator windings for increased motor durability. Five position sides handle for improved balance in cutting and grinding applications. Cut- off brushes to prolong product life.</p>					

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		<p>Power input 2200Watts No Load Speed 6500 rpm Max. Disc Diameter 230 mm Spindle Thread M14 Weight 4.7 Kg Length 450mm Height 145 mm Power Output 1540 Watts Hand/Arm Vibration Grinding Uncertainty K1 (Vibration) Sound Pressure Uncertainty K1 (Sound) Accoustic Pressure Uncertainty K2 (Sound) Accessories Protective tool free guard. Anti vibration side handle. Inner and outer flange set. Spanner. Heavy duty carrying case. Multipurpose Blade (Concrete and Metal) Reciprocating Saw: (Quantity 01) 1200 Watt motor delivers increased power for heavy duty application. 0-2600 SPM and 28mm stroke length for fast and efficient cutting. Keyless stainless steel blade change for quick and easy blade changes and increased reliability. Keyless adjustable shoe easily adjust the depth of cut and extends the blade life. Variable speed trigger provides control</p>					

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		<p>and versatility</p> <p>Power input 1200Watts</p> <p>Power output 630Watts</p> <p>No Lead Stroke Rate 0-2600SPM</p> <p>Stroke Length 28mm</p> <p>Max. Cutting Capacity (Wood) 300mm</p> <p>Maz. Cutting Capacity (Steel Section & Pipes) 130mm</p> <p>Max. Cutting Capacity (PVC) 160mm</p> <p>Weight 4.0kg</p> <p>Length 460mm</p> <p>Strokes/Min</p> <p>Stroke Length</p> <p>Keyless Blade Clamp</p> <p>Dust Blower</p> <p>Orbital Action</p> <p>Beval Capacity</p> <p>Chain Saws: (Quantity 01)</p> <p>Petrol engine driven saw having minimum 22" bar with standard accessories.</p> <p>Rescue Chain Saw: (Quantity 01)</p> <p>Gasoline engine driven, for concrete cutting 20" to 24" with one spare chain.</p> <p>Rescue Combi Tool Hydraulic (Spreaders & Cutter) (Quantity 01)</p> <p>having following specifications.</p> <p>Opening: 460mm</p> <p>Spreading force, min. 41kN</p> <p>Spreading force, max.119kN</p> <p>Cutting Force 74,34 Tons</p> <p>Cutting Capacity 31 mm</p> <p>Pulling Force 66kN</p> <p>Weight 165kg</p>					

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		<p>Length 740mm</p> <p>Hydraulic Power Unit:</p> <p>High oil flow in low and high pressure simultaneous hydraulic power units for the simultaneous operation of up to three tools.</p> <p>Automatic locking, flat face quick connect couplings optional with mono coupling.</p> <p>Stable carrying frame with the option to upgrade to DIN-Standard frame.</p> <p>Large oil reservoirs equipped with gauge glass.</p> <p>Rapid deployment equipment available: choice of front or side mount hose reels (2 reels, capacity is 10m with 1 spare reel of 20m of high pressure twin line hose.</p> <p>Tools.</p> <p>Operating pressure 630-720 bar.</p> <p>Oil flow/pressure 2x 2.4/min.180bar 2 x 0.7l/min/720 bar.</p> <p>Power 2.15KW</p> <p>Oil tank 5 l (3.5) l</p> <p>Width/Depth/Height 330/345/465mm</p> <p>Hydraulic Oil.</p> <p>Pulling Device Chain Set: (Quantity 01)</p> <p>Rescue system pulling chains can be attached directly to the tips of the combi tool without tip exchange. The required length is easily adjusted by inserting the chain links into the attached collets.</p> <p>Pulling chains are delivered as a set consisting of chains and 2 collets.</p>					

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		<p>Replacement Blades and Replacement Tips: The unique construction principle of Rescue System combi tools provides an easy exchange of the blades without the need of replacing the arms-thus saving time and maintenance expenses. The regrind able blades must be replaced in pairs.</p> <p>Hydraulic Jacks: Hydraulic jack (bottle jack type) minimum 12 tons with standard accessories.</p> <p>Rescue Helmet: (Quantity 06) Rescue helmets designed for professional use i.e. Search and rescue team to protect the rescuers from falling debris. Light weight, compact and durable.</p>					
		<p>Emergency Medical Services Equipment (Basic and Advance Life Support)</p> <p>Oxygen Supply system: (Quantity 02) B.P Apparatus: (Quantity 01) Automatic External Defibrillation (AED) (Quantity 01) Syringe Cutters: (Quantity 01) First Aid Bag: (Quantity 01) Syringe Pump: (Quantity 01) Suction Apparatus: (Quantity 01) Pulse Oximeter: (Quantity 01) Emergency Transport Ventilation: (Quantity 01) Burn Kit: (Quantity 01) Bleeding Kit: (Quantity 01) Amputation Kit: (Quantity 01) Trauma First Aid Kit and other items:</p>					

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		<p>Scissors: (Quantity 02)</p> <p>Forceps: (Quantity 02)</p> <p>Pen Light: (Quantity 02)</p> <p>Face Mask: (Quantity 02)</p> <p>CPR Mask: (Quantity 02)</p> <p>Caution Sign Type etc. (Quantity 02)</p>					
	<p>Manual Tools</p>	<p>Force able entry Tools:</p> <p>Axe: (Quantity 04) Flat head Axe with insulated handle length minimum 1.50 feet.</p> <p>Pick Axe: (Quantity 024) Pick axe of medium size with 2 ½ feet wooden handle.</p> <p>Crow Bar: (Quantity 04) Crow bar with pointed & flat ends, minimum 6 feet length and minimum 35mm diameter.</p> <p>Hook and Chain: (Quantity 04) Large forged alloy steel hook attached to a length of 3/8” (1cm) high test alloy steel chain and grab hook. Chain has a working load capacity of 5400lbs. (2450Kg) Hook is 6.5” (16cm) wide and electroless nickel plated.</p> <p>Hook and Claw: (Quantity 04) Heavy duty prying tool designed for overhauling. Both the hook and claw is drop forged from high alloy steel. The</p>					

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		<p>hook has a 6.5" opening with sharpened machine.</p> <p>Hacksaw: (Quantity 04) Hacksaw with fine tune- tooth hand saw with a blade held under tension in frame used for cutting material such as metal plastic. Attaching a narrow disposable blade.</p> <p>Hammers: (Quantity 04) Hammer 4.5 Kg with minimum 1.50 feet wooden handle.</p> <p>Shovels: (Quantity 04) Flat type shovels with 2 ½ feet wooden handle.</p> <p>Chisels: (Quantity 04) Mild steel hand chisels minimum 8 inch long flat head and pointed head.</p>					
	<p>General Equipment</p>	<p>Extension Lead on Reel: (Quantity 01) Extension wire lead on reel with 100 feet electrical cable 20 Amp load capacity having 3 electrical outlets and one circuit breaker.</p> <p>Ladders-</p> <p>Extension Ladder: (Quantity 01) Minimum 15 feet F/G (2 section) ladder. 150kg load capacity between the centers of the ladder. Special fitting stand for extendable ladder with lock and quick release mechanism on roof top.</p> <p>Straight or Fixed: (Quantity 01) Fixed ladder on side or behind made of</p>					

1 Item	2 Description		3 Country of origin	4 Quantity	5 Unit price DDP named place	6 Total DDP per item	7 Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³
		<p>stainless steel pipe.</p> <p>Safety Signs: All type of safety/traffic signs on reflecting tap/stickers in according with the international standards and custom made signs to be used for indication exists, direction, rescue and life saving equipment.</p> <p>Cordon of Tape: Cordon of Tape for marking the area.</p> <p>Working Mat: (Quantity 06) Synthetic/ Rubber working mat size 1 meter x 2 meter.</p> <p>Tarpaulin Sheet: (Quantity 04) Tarpaulin Sheet PVC coated size 6x 8 m</p> <p>Floating Lines: (Quantity 02) Floating rope made of polyethylene material having 10 mm dia with 45 m length</p>					
		<p>Generator: ((Quantity 01) Diesel/ petrol engine 15 KVA Generator, with sound proof canopy. It would be installed at front of the rear cabin with one shutter door towards the front side of the rear cabin for maintenance of the generator and proper exhaust system. Storage Backup, Positioning Lighting.</p> <p>All emergency lightings, internal and external, operating on 24V. Lights would be LED. All electrical wiring would be with no joint and taping,</p>					

1	2		3	4	5	6	7
Item	Description		Country of origin	Quantity	Unit price DDP named place	Total DDP per item	Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³
		<p>having all connector system and having separate fuse box for incident operation. All wires would be as per load requirement and would be of fire retardant material.</p> <p>Special cutout/ charging system to be installed for charging of generator battery.</p> <p>Provision for charger of wireless handset. One control panel for 24V in driver cabin.</p> <p>Main LED warning light in red and blue color installed on special spoiler on roof top of front cabin. There would be warning lights in red and blue color all around the vehicle.</p> <p>Every compartment would have separate LED lighting of white color.</p> <p>One PA system 150W output electronic siren with speaker and microphone.</p> <p>Portable Generator: (Quantity 01)</p> <p>Portable electric Power Generator Driven Engine minimum 03KVA. Rated Out 2.8 KVA Consumption 2.0 liters/hour Tank Capacity 24 Liters.</p>					

Signature of Bidder _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

³ Must be included if required under ITB 11.2

2. Bid Security Form

Whereas *[name of the Bidder]* (hereinafter called “the Bidder”) has submitted its bid dated *[date of submission of bid]* for the supply of Rescue Vehicle For Rapid Rescue And Response Team (R3t) (hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that WE*[name of bank]* of *[name of country]*, having our registered office at *[address of bank]* (hereinafter called “the Bank”), are bound unto Procurement Officer, Balochistan Disaster Management Project (hereinafter called “the Purchaser”) in the sum of for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this ____ day of _____ 19____.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders;

we undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[signature of the bank]

3. Contract Form

THIS AGREEMENT made the ____ day of _____ 19____ between Project Director, Balochistan Disaster Management Project (hereinafter called “the Purchaser”) of the one part and [name of Supplier]of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part:

WHEREAS the Purchaser invited bids for certain goods and ancillary services, viz., Rescue Vehicle For Rapid Rescue And Response Team (R3t) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Purchaser’s Notification of Award.
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Purchaser)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

4. Performance Security Form

To:

Procurement Officer
Balochistan Disaster Management Project

WHEREAS *[name of Supplier]*(hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated _____ 19____ to supply and implement Rescue Vehicle For Rapid Rescue And Response Team (R3t) (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]*as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the ____ day of _____ 19_____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

5. Bank Guarantee for Advance Payment

To:

Procurement Officer
Balochistan Disaster Management Project

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called “the Supplier”) shall deposit with the Purchaser a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the Purchaser and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

6. Manufacturer's Authorization Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To:

Procurement Officer,
Balochistan Disaster Management Project

WHEREAS *[name of the Manufacturer]* who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]*

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.