

Revision / modification of General and Specific Conditions of the Tender Call Notice No. 738 /R&DM (DM) dt.03.02.2018 (Corrigendum No-3)

A. Following equipments should be added to the list in the Annexure-C (equipments required pre – Delivery inspection).

1. Forcible entry tools
2. Lifting Bags
3. Rope Deployment System
4. Spine Board long with strap
5. Spine Board short with strap

B. Specifications of the following equipments are revised as detailed below.

SI	SI no. & type of the equipment in the Tender Notice	Existing sentences	Revised sentence
1	5. Inflatable Rubber Boat (10 Men) & accessories with Out Board Motor (Two stroke)	<ul style="list-style-type: none"> • OBM Engine: 40 H.P.2 stroke Mercury/ Mariner/ Johnson/ Evinrude or Equivalent Make, petrol operated (two stroke), rope start, manual drive and fuel efficient with accessories two paddles system for emergency rowing. • Shaft Length: 15"/381mm, 20"/508mm • Displacement (CID/CC: 42.5/697 	<ul style="list-style-type: none"> • OBM Engine: 40 H.P.2 stroke Mercury/ Mariner/ Johnson/ YAMAHA / Evinrude or Equivalent Make, petrol operated (two stroke), rope start, manual drive and fuel efficient with accessories two paddles system for emergency rowing. • Shaft Length: Compatible with Transom • Displacement (CID/CC: 42.5/697
2	12. OBM Carrier	<ul style="list-style-type: none"> • Assembly required • Weight: 35lbs • Size: 72" L x 29" W • Board dimension: 19 1/5" (W) x 7 1/2" (H) x 1 3/5" (thickness) • Overall dimension: 27 1/2" (W) x 43" (D) x 41" (H) 	<ul style="list-style-type: none"> • Deleted • Deleted • Deleted • Board dimension: 19.2" (W) x 7.5" (H) x 1.6" (thickness) • Overall dimension: 42.5" (L) x 26.4" (W) x 45.7" (H)
3	13. SCUBA (Diving Equipment)sets with	<ul style="list-style-type: none"> • The head harness will have 6 straps – all directly attached to the face shield in a design that allows the pressure to be 	<ul style="list-style-type: none"> • The head harness will have 3 to 6 nos. of straps – all directly attached to the face shield in a design that allows the pressure

	communication, BCD & accessories for Underwater Operations	transmitted uniformly along the mask's skirt. <ul style="list-style-type: none"> The set will also include a single DIVE TANK, which will have total air volume of at least 2400 liters of air. 	to be transmitted uniformly along the mask's skirt. <ul style="list-style-type: none"> The set will also include a single DIVE TANK, which will have total air volume of 2000 to 2400 liters of air
4	15 Collapsed Structure Search and Rescue (CSSR) Tools, Equipment and accessories	Exhaust fan 30 mm- 2 nos <ul style="list-style-type: none"> Portable smoke exhauster/ventilator should be imported make of reputed product and light weight with weight less than 45 kg., compact having fan size 16" with minimum 10 blades capable of airflow output of minimum 56000 cu. M. / hr. With minimum 5.5 hp. 4- stroke petrol engines. It should operate for minimum 75 minutes at full speed with full fuel tank. Noise level less than 95 DB. At 3 meters 	<ul style="list-style-type: none"> Portable smoke exhauster/ventilator should be reputed make and light weight with weight less than 45 kg., compact having fan size 16" with minimum 10 blades capable of airflow output of minimum 40000 cu. M. / hr. With minimum 5 hp. 4- stroke petrol engines. It should operate for minimum 75 minutes at full speed with full fuel tank. Noise level less than 95 DB. At 3 meters
5	16 Concrete Cutter	<ul style="list-style-type: none"> Ring cutter periphery should be mounted on the four rollers provided in the machine for smooth revolution. Equivalent Noise level shall not be more than 120dB (A). Equivalent vibration level at front and rear handle should not be more than 4.0 m/s². 01 no. Battery operated Water tank with 15 ltr (min.) Capacity. 	Deleted <ul style="list-style-type: none"> Equivalent Noise level shall not be more than 120dB (A). Equivalent vibration level at front and rear handle should not be more than 6.0 m/s². 01 no. Water tank with 15 ltr (min.) Capacity.
6	24	<ul style="list-style-type: none"> Spreader : Spreading force – 2.5 ton. (min.) 	<ul style="list-style-type: none"> Spreader : Spreading force – 4 ton. (minimum)
7	25 Lifting Bag	<ul style="list-style-type: none"> The totalled maximum lift capacity of one bag from each size should be in the range of 350 to 370 metric tons. 	Deleted
8	31 Hydraulic Rescue Spreader with Power Pack	<ul style="list-style-type: none"> Tools with outside (external) separate batteries are not accepted 	Deleted
9	34 Bullet Chain	<ul style="list-style-type: none"> Diamond Tipped Chain Saws 	<ul style="list-style-type: none"> Carbide Tipped Chain Saws shall be petrol engine driven

	Saw	<p>shall be petrol engine driven designed to cut through different building material like timber, masonry, metal sheets, FRP, PVC etc (but not concrete).</p> <ul style="list-style-type: none"> Two stroke single cylinder air cooled petrol engine with a minimum displacement of 75cc and engine should have to develop 6.0HP minimum. 	<p>designed to cut through different building material like timber, masonry, metal sheets, FRP, PVC etc (but not concrete).</p> <ul style="list-style-type: none"> Two stroke single cylinder air cooled petrol engine with a minimum displacement of 75cc and engine should have to develop minimum 5.5HP minimum.
10	63 Temporary Shelter (flexi Tent for 6 men)	<ul style="list-style-type: none"> The standard accessories we offer with these shelters are. 	<ul style="list-style-type: none"> The standard accessories to be supplied with these shelters are.
11	68 3 KVA Diesel Generator Sets with all accessories	<ul style="list-style-type: none"> Fuel Type- Unleaded petrol, 	<ul style="list-style-type: none"> Fuel Type- Diesel,
12	75 RCC equipment set	<p>Bullet Chain saw:-</p> <ul style="list-style-type: none"> Diamond Tipped Chain Saws shall be petrol engine driven designed to cut through different building material like timber, masonry, metal sheets, FRP, PVC etc (but not concrete). These shall be extremely useful for first responders for inspection, ventilation and obtaining access to victims during CSSR and for other tasks relating to extrication and recovery during natural and manmade disasters. Two stroke single cylinder air cooled petrol engine with a minimum displacement of 75cc and engine should have to develop 6.0HP minimum. The rated engine speed at no load condition maximum up to 13500 rpm. It should have electronic ignition system with one button start ON/OFF. 	<p>Bullet Chain saw:-</p> <ul style="list-style-type: none"> Diamond Tipped Chain Saws shall be petrol engine driven designed to cut through different building material like stone, concrete, building bricks, abrasive building blocks. This shall be extremely useful for first responders for inspection, ventilation and obtaining access to victims during CSSR and for other tasks relating to extrication and recovery during natural and manmade disasters. Two stroke single cylinder air cooled petrol engine with a minimum displacement of 75cc and engine should have to develop 4.2HP minimum. The rated engine speed at no load condition maximum up to 13500rpm. Guide bar length should be 16 inch. Diamond segmented chain: chain rivet should be protected

		<ul style="list-style-type: none"> • Guide bar length should be minimum 14 inch. • Cutting chain Shall be carbide tipped with locking Key pitch 3/8" gauge with heavy duty tie straps and tempered rivets. Fully automatic, speed controlled reciprocating oil pump and additional manually adjustable chain lubrication system. Automatic chain brake system for quick stoppage when required. An arrangement for adjusting chain tension shall be available. • It should have suitable provision for setting and adjusting depth of cut. • Gross Weight of the equipment with guide bar and chain including fully loaded fuel tank should be less than 12 kg. • Sound pressure level at operator's ear should be less than 105 dB (A). • Fuel tank capacity should be not more than 1ltr. • Brochure and test report should be submitted in accordance to ISO/ CE or any National/International standard for conformity of the specification <p><u>Concrete Cutter</u></p> <ul style="list-style-type: none"> • Ring cutter periphery should be mounted on the four rollers provided in the machine for smooth revolution. • Equivalent Noise level shall not be more than 120dB (A). • Equivalent vibration level at front and rear handle should not be more than 4.0 m/s². • 01 no. Battery operated Water tank with 15 ltr (min.) Capacity. 	<p>to seal out abrasive slurry that cause chain stretch. An arrangement for adjusting chain tension shall be available.</p> <ul style="list-style-type: none"> • Gross weight of the equipment with guide bar and chain including fully loaded fuel tank should be less than 12kg. • Sound pressure level at operators ear should be less than 105db(A).Fuel tank capacity should be less than 1ltr. • Brochure and test report should be submitted in accordance to ISO/CE or any national/International standard for conformity of the specification. <p><u>Concrete Cutter</u></p> <p>Deleted</p> <ul style="list-style-type: none"> • Equivalent Noise level shall not be more than 120dB (A). • Equivalent vibration level at front and rear handle should not be more than 6.0 m/s². • 01 no. Water tank with 15 ltr (min.) Capacity.
13	78. Hydraulic	<ul style="list-style-type: none"> • The ALP shall be CEN (Central 	<ul style="list-style-type: none"> • The ALP shall be CEN (Central

<p>platform-cum-Aerial Ladder (ALP) unit- 32 meter</p>	<p>European norms and standards) certified.</p> <ul style="list-style-type: none"> • The chassis shall be of 6 X 4 configurations and shall meet the pollution norms of EURO-IV / BSIV or latest emission norms. • The engine shall have sufficient power to achieve a top speed of 90 kmph with an acceleration of 0 to 60 km within 40 sec. • The gearbox shall be fully automatic with suitable Power Take Off to drive the hydraulic pump • The chassis should have three axles with one axle in the front and two axles in the rear, with fully factory built cabin and suitable capacity PTO. <p>2.0 MAIN OPERATING</p> <p>c. Working outreach (with 400 Kg) - 22.0 m</p> <p>k. Maximum width with outriggers extended - 5.5 m</p> <p>m Operative rate</p> <p>i. Maximum working height from gallows/resting – 90 sec (similarly depression at the same rate).</p> <ul style="list-style-type: none"> • A 80 mm diameter water way made of stainless steel throughout shall be provided with three way inlet having 63 mm male instantaneous coupling with closing valve at the rear of the 	<p>European norms and standards) certified or suitably inspected and certified by any Government of India Agency.</p> <ul style="list-style-type: none"> • The chassis shall be of 4 wheel drive and shall meet the pollution norms of EURO-IV / BSIV or latest emission norms. • The engine shall have sufficient power to achieve a top speed of 70 km/h on a level ground. The acceleration shall be such that with a warm running engine the fully laden appliance shall attain a speed of 64 km/h from a standing start through the gears. The appliance shall also be capable of being started from rest up a gradient of 1 in 4 when laden. • The gearbox shall be fully automatic/Synchromesh type with suitable Power Take Off to drive the hydraulic pump • The chassis should have 3-5 axles with fully factory built cabin and suitable capacity PTO. <p>2.0 MAIN OPERATING DATA:</p> <p>c. Working outreach (with 400 Kg) - 18-20 m</p> <p>k. Maximum width with outriggers extended - 6.0 m</p> <p>m Operative rate</p> <p>i. Maximum working height from gallows/resting – 90 to 120 sec (similarly depression at the same rate).</p> <ul style="list-style-type: none"> • A 75 - 80 mm diameter water way made of stainless steel/ Aluminum alloy of proper grade and strength shall be provided throughout with three way inlet having 63 mm male
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		<p>vehicle.</p> <ul style="list-style-type: none"> • Surfaces of steel structure shall be sand blasted, primed before painting and painted to a film thickness of 50-100 microns. 	<p>instantaneous coupling with closing valve at the rear of the vehicle.</p> <ul style="list-style-type: none"> • Surfaces of steel structure shall be sand blasted, primed before painting and painted to a film thickness of 50-100 microns. • Notwithstanding anything contained in the special conditions of the tender notice the equipment should bear a minimum warranty period of 4 years. If during the warranty period the equipment required major repair then it shall be replaced by new one of same model or higher.
14	79. Hydraulic platform-cum-Aerial Ladder (ALP) unit- 42 meter	<ul style="list-style-type: none"> • The ALP shall be CEN (Central European norms and standards) certified. • The chassis shall be of 6 X 4 configurations and shall meet the pollution norms of EURO-IV / BSIV or latest emission norms. • The engine shall have sufficient power to achieve a top speed of 90 kmph with an acceleration of 0 to 60 km within 40 sec. • The gearbox shall be fully automatic with suitable Power Take Off to drive the hydraulic pump. • The chassis should have five axles with two axles in the front and 	<ul style="list-style-type: none"> • The ALP shall be CEN (Central European norms and standards) certified or suitably inspected and certified by any Government of India Agency. • The chassis shall be of 4 wheel drive and shall meet the pollution norms of EURO-IV / BSIV or latest emission norms. • The engine shall have sufficient power to achieve a top speed of 70 km/h on a level ground. The acceleration shall be such that with a warm running engine the fully laden appliance shall attain a speed of 64 km/h from a standing start through the gears. The appliance shall also be capable of being started from rest up a gradient of 1 in 4 when laden. • The gearbox shall be fully automatic/Synchromesh type with suitable Power Take Off to drive the hydraulic pump. • The chassis should have 3-5 axles with fully factory built cabin and suitable capacity PTO.

		<p>three axles in the rear, with fully factory built cabin and suitable capacity PTO.</p> <p>2.0 MAIN OPERATING</p> <p>c. Working outreach (with 400 Kg) - 22.0 m</p> <p>m. Operative rate</p> <p>i. Maximum working height from gallows/resting – 90 sec (similarly depression at the same rate).</p> <ul style="list-style-type: none"> • A 80 mm diameter water way made of stainless steel throughout shall be provided with three way inlet having 63 mm male instantaneous coupling with closing valve at the rear of the vehicle. • Surfaces of steel structure shall be sand blasted, primed before painting and painted to a film thickness of 50-100 microns. 	<p>2.0 MAIN OPERATING DATA:</p> <p>c. Working outreach (with 400 Kg) - 18-20 m</p> <p>m Operative rate</p> <p>i. Maximum working height from gallows/resting – 90 to 170 sec (similarly depression at the same rate).</p> <ul style="list-style-type: none"> • A 75 - 80 mm diameter water way made of stainless steel/ Aluminum alloy of proper grade and strength shall be provided throughout with three way inlet having 63 mm male instantaneous coupling with closing valve at the rear of the vehicle. • Surfaces of steel structure shall be sand blasted, primed before painting and painted to a film thickness of 50-100 microns. • Notwithstanding anything contained in the special conditions of the tender notice the equipment should bear a minimum warranty period of 4 years. If during the warranty period the equipment required major repair then it shall be replaced by new one of same model or higher.
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