Bid Number: GEM/2020/B/704469
Dated: 10-07-2020

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 18:00:00
Bid Opening Date/Time	20-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Reseach & Development
Organisation Name	Office Of Dg (ace)
Office Name	**********
Total Quantity	1
Item Category	Foam Tender NDRF or Fire or Rescue Trucks **(PAC Only)**
Bidder Turnover (Last 3 Years)	29 Lakh (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	10 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00

Duration of ePBG required (Months).	14

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:
Foam Tender NDRF or Fire (ASHOKA HIGHTEC) (ASHOKA HIGHTEC Foam Tender NDRF or Fire or Rescue Trucks)
Cvrde, Avadi , Chennai-54, Department of Defence Reseach & Development, Office of DG (ACE), Ministry of Defence
(The Director, Cvrde, Avadi)

Splitting

Bid splitting not applied.

1. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Foam Tender NDRF Or Fire Or Rescue Trucks (1 pieces) (Under PAC)

Make	ashokahightec
Model	ashokahightecfoamtenderndrforfireorrescuetrucks

Technical Specifications

* As per GeM Category Specification

Specification	**Specification Name**	**Values**	**Bid Requirement (Allowed Values)**
Generic	Foam Tender for fire brigade use complete with Cabin and Chassis specification	DG NDRF & Civil Defence (Fire) final report for General Specification and Risk Analysis in the country for revamping the fire services in the country dated July 2012	*
	Water Tank capacity of Water Tender (water tank capacity depending upon the type of chassis used	6000	6000.0

	)		
Cabin and Chassis	**Chassis**	Suitable to carry minimum 16000 MT GVW,4 x2.Engine fitted on the chassis shall comply with the respective normes in force at the time of delivery of chassis.	Suitable to carry minimum 16000 MT GVW,4 x2.Engine fitted on the chassis shall comply with the respective normes in force at the time of delivery of chassis.
	Chassis Type	Cowl with Chassis	Cowl with Chassis
	Make of Chassis	TATA	*
	Chassis Model No	TATA1613	*
	Engine Type	6 cylinder,inline,4 stroke,Liquid cooled,Turbocharged,inter cooled,diesel engine developing not less then 150 bhp and conforming to prevelent emission normes(BS-IV)	6 cylinder,inline,4 stroke,Liquid cooled,Turbocharged,inter cooled,diesel engine developing not less then 150 bhp and conforming to prevelent emission normes(BS-IV)
	Clutch	Single plate dry friction type hydraulically actuated	*
	Gear Box	Synchromess gear box having 6 forward and one reverse gear	*
	Type of Front Axle and Suspension System	Heavy duty forged I beam,semi eliplical leaf spring suspension with hydraulic double acting shock absorbers	*
	Type of Rear Axle and Suspension System	Single reduction, hypoid gears, fully floating axle shaft with semi eliplical leaf spring suspension	*
	Type of Steering	Integral hydraulic power assisted stering	*
	Brakes Parking	Duel circuit fully air braking system with pneumatically operated brakes on rear wheels	*
	Chassis Frame Type	Ladder type heavy duty frame with riveted or bolted cross members	*
	Wheels and Tyres of 16 PR including spare wheel	7	*
	Fuel Tank Capacity	180	*

	Electrical System	12 / 24 volt with 120 AH Battery with Alternator	*
	Cowl	Standard Cowl duly painted in Red color with instrument cluster,rear view mirrors,wiper system,Original driver seat,safety belts	*
	Gross vehicle mass including crew, water and equipment	16000	*
	Safety Features	Anti Lock Braking system(ABS)	*
Pump	**Pump Type**	Centrifugal Type, multi pressure	Centrifugal Type, multi pressure
	Normal Pressure output Performance	2250 LPM aprox at 7 kg/cm², 2000 LPM approx at 8.5 kg/cm²	2250 LPM aprox at 7 kg/cm², 2000 LPM approx at 8.5 kg/cm²
	High Pressure output Performance	300 LPM approx at 40 kg/cm²	300 LPM approx at 40 kg/cm²
	Maximum pressure in normal pressure mode performance	14 kg/cm²	*
	Maximum pressure in high pressure mode performance	40 kg/cm²	*
	Deep lifting capacity of pump performance	30 cm/sec max.,upto 7 meter in 30 second at NTP contition	*
	Pump casing and low pressure impeller material	Lead tin bronze (Grade LTB 2 of IS 318)	*
	High pressure impeller material	Phosphor-bronze	*
	Impeller ring and impeller neck ring material	Lead tin bronze (Grade LTB 2 of IS 318)	*
	Pump shaft material	Stainless steel (Grade 04Cr18Ni10 of IS 6603)	*
	Pump panel material	Chequered plates (IS 737)	*
	Material for all parts which form water ways or come into contact with water	stainless steel	*
	Normal and high pressure impeller	on a single shaft	*

mounting		
Normal (low) pressure impeller	dynamically balanced	*
Self adjesting mechanical seal with interface plate suitable to withstand dry run of pump upto 2 minutes without any damage	Yes	*
Inbuilt easy removable filter to filter the water before entering into the high pressure stage impeller	Yes	*
Single lever actuation for operation	Yes	*
Facility to operate on multi pressure	Yes, Facility to operate low pressure and high pressure mode simultaneously or individually while high pressure mode is in operation and delivering 300 LPM at 40 kg/cm² ,low pressure side shall not exceed 8.5 kg/cm²	*
Inbuilt pressure relief Valve to operate automatically if high pressure increases beyond 45 kg/cm²	Yes	*
High pressure outlet size connected to high pressure hose reel	25	*
Automatically resetable Thermal Relief Valve(TRV) fitted in pump housing to operate at water Temperature 60°C	Yes	*
Pump Design	modular without gasket / packing, Carbon seal removable without removing pump body,with deep groov heavy duty dual angular contact bearing immersed in oil bath	*
Suction inlet of 100 mm dia having round	1	*

	thread to IS 902		
	Delivery outlet of 63 mm with screwdown valve fitted with istantaneous couplings as per IS 903	2	*
	Diameter of high pressure outlet	25	*
	Pump Efficiency(Power and RPM required shall be less than available with engine) (%)	60	*
	Provision to connect internal coolinig system with pump housing	Yes	*
	Pump RPM / Pressure Throttle Control Panel	Manual Throttle	*
	Mounting of Pump	Rear of vehicle connected to PTO by propeller shaft and universal and slip joint with sufficient number of bearing supports	*
Primer	Fully Automatic Primer integrated in pump bearing housing and automatically disengage once the pump is registered the pressure at a pump pressure of 3/2 to 2 kg/cm²	Horizontal Reciprocating	*
	Lifting Capacity of Primer	Capable of lifting the water from the depth of 7 meter in 30 second at NTP contition	*
	Reciprocating Piston material	Stainless Steel reciprocate in self lubricated Linear Bearing	*
	Cylinder and Prime Valve Material	Lead tin bronze (Grade LTB 2 of IS 318)	*
	Additional Exhaust ejector type primer capable of lifting water from 7 meter with in 30 second	to be provided	*
	Pump Performance Testing for declared Parameters with endurance test	Pump shall deliver continuous 3 hours 2250 LPM at 8.5 kg/cm² and next one hour 300	*

		LPM at 35 kg/cm²	
	Foam Induction Test to check metering valve	Yes	*
	Foam Production Test with Monitor and side lines for foam quality	Yes	*
Power Take Off Unit	Heavy duty type Power Take Off (PTO) suitable to transmitting full Torque of engine to 1st gear	Yes	*
	Lever for engaging shall be provided in Driver cabin with proper locking arrangements	Yes	*
	Mounting of PTO	on heavy duty cross members and support brackets between longitudional member of the chassis frame	*
	Provision to check oil level and drain plug at bottom	Yes	*
	Cooling of PTO	A cooling coil made of copper shall be provided in side the PTO at the bottom to prevent the oil of the PTO from heating.	*
Water Tank	**Water Tank construction**	A tank of required capacity and Baffels made out of 4.0 mm thick Stainless Steel of grade 304 / 316L of IS 6911	A tank of required capacity and Baffels made out of 4.0 mm thick Stainless Steel of grade 304 / 316L of IS 6911
	Water Tank Baffles	The tank shall be suitably baffled with minimum 2 nos of baffels fitted longitudinally and two nos baffels fitted transversly to prevent surge when the vehicle is braking, cornering or accelerating. The baffles shall be arranged in a manner to facilitate the passage of a man throughout the tank for cleaning purposes.	*

Full length runner	A full length runner from behind the driver cabin till end of chassis frame shall be provided and made out of S.S. Channel of 100x50x5.0mm suitably fixed to the chassis,frame with about 5.0 mm thick S.S. plate and bolted to the chassis frame wherever holes are available in the chassis frame and also with 5/8 inch U bolt ,aluminum packing block and self locking Nuts only.	*
Mounting of Tank	On minimum three cross members to counter act the stresses caused by chassis flexion and shall be so secured that it can be easily removed.Water Tank shall be provided with six chairs,three on either side for mounting the tank on the runner and chassis frame.	*
Lifting eyes for repair or replacement at suitable places on tank	Yes	*
Water Tank Fitments	The tank shall befitted with a 50 mm bore overflow pipe . A 63 mm instantaneous hydrant connection, incorporating a strainer with NRV, close to the pump control shall be provided for filling the tank through 75 mm bore pipe . An 100 mm bore pipeline shall be taken from the tank to the suction inlet of the pump incorporating an 100 mm quick butterfly type valve. Drain valve shall be at the bottom of tank.	*
Anti Corrosive	NA for S S Tank	*

	Treatment		
	Water level indicator for the tank	visual level gauge of glass tube shall be provided at the control panel calibrated 1/4, 1/2, 3/4 and full preferably calibrated in litres also	*
	Covered mainhole Diameter (minimum)	600mm with gun metal threaded ring and gun metal cap of 300 mm dia for filling water on top. Main hole cover shall be made of 4.0 mm s. s. plate and Epoxy coated from outside	*
	Diameter of cleaning hole at bottom of Tank (minimum)	250	*
	Strainer	Yes	*
	Tank connection with pump, hose reel and valve	The tank shall be connected to with the pump , hose reel and valves in such a way thay any function such as Hydrant - Tank, Hydrant - reel, Tank - pump - low and high pressure hose reel, tank - pump - monitor(Foam / Water) and Off	*
Foam Tank	Foam Tank Fabrication	Fabricated out of min. 5 mm thick SS 316L plates for bottom & 4 mm plates for the sides & baffles. The tank shall be suitably baffled. In addition a 2% of expansion space shall be made in the tank, over and above foam compound capacity.	*
	Foam Tank Capacity	500	500.0
	The cleaning hole of 250mm & drain pipe with a ball valve & plug incorporated in it to be provided	Yes	*
	Filler orifice of 150mm dia with a removable	Yes	*

	strainer		
	Draw off Tube for Foam compound	The foam compound draw off tube shall be positioned in the center of the sump in such a manner that foreign matter or sludge will not pass into the compound line. The draw off tube shall be fitted with a gauge strainer of suitable material, mesh, size & adequate straining area.	*
	Draw off tube connected to the foam proportioner with NRV in addition to the main control valve	Yes	*
	Draw off pipe fitted with removable strainer	Yes	*
	Automatic venting of the foam tank	yes,when the foam is being produced or the tank is being filled	*
	Inspection hole of 450 mm with cover on foam tank	Yes	*
	Foam Tank level gauge	Visual level gauge of the glass / acrylic tube shall be provided at the control panel calibrated 1/4, 1/2, 3/4 and full (preferably calibrated in liters)	*
	Foam solution transfer pump Rotary type with necessary piping	Yes	*
	The filler cap shall be clearly marked FOAM The design of the tank shall incorporate a removable sump fitted with a drain valve	Yes	*
Monitor	Monitor Design	A monitor shall be provided at suitable location on the top of fire tender and having minimum capacity of 2250 LPM @ 8.0 Kg/Cm^2 with an effective throw/ jet of minimum 70 mtrs in	*

	still air condition. Monitor shall be capable of rotating / traversing 360 degree horizontal plane and not less than +75^0 and -15^0 vertically, with a controlling valve near the pump. The complete monitor including the nozzle will be made of Gunmetal or of SS304 & hard anodized aluminum alloy nozzle with arrangement for foam induction, with water jet-spray without any restriction should be fitted on the top of vehicle at suitable location. The monitor shall be capable of projecting the water/foam discharge to an effective distance of not less than 70 meters in still air conditions when operated at rated pressure.	
Foam Proportioner	Manually operated selector type around the pump foam proportioning system shall be provided at the rear of the pump,Pump proportion shall insert foam & water proportionally to feed the foam monitor and hand lines at the rate of 5% ± 0.5% foam. The proportioned shall be calibrated to ensure the correct intake of air foam liquid to foam equipment. This shall have five different position selector valve (0,1,2,3&4)	*
Delivery Outlets with twist type lugs made of gunmetal	3 nos delivery outlets having standard gunmetal instrument,female coupling with	*

		screwdown type delivery valve with blank caps.	
	High Pressure Hose Reel	Two nos. of high-pressure hose reels to facilitate operation of the high-pressure section of the Fire Pump shall be provided and mounted on suitable location of the appliance. The inlet connection shall have a leak proof rotating type hose connector.	*
	One hose reel on each side of fire tender shall be provided so as to use hose reel operation from each side	Yes	*
	The hose shall be prevented from kink Working pressure of hose shall not be less than 40 Kg/cm²	Yes	*
	High pressure hose reel connection	The high-pressure hose reel shall hold 30 meter of hose in one length, terminating in a high-pressure fog gun (on each side).	*
	Plumbing work for hose reel	Plumbing between the pump and hose reel shall have clean and unobstructed water way of not less than 20mm throughout without any restriction. The hose shall be light weight PVC nylon braided hose or equivalent.	*
	Fog Gun	The guns shall be of constant flow type with a discharge capacity of 3000 LPM approximately. Provision shall be made in the gun controls to achieve combat mode (straight jet) or a fog shield in split second. The gun shall have the ability to work on	*

	pressure from 20kg/cm² to 40kg/cm² without affecting discharge pattern.The weight of each gun assembly shall not be more than 3 kg . The fog guns shall be made of Aluminum alloy or stainless steel (SS 304).	
Pipe Lines and Valves	made of SS304 grade steel suitable to withstand 10 % over required pressure	*
Cooling System	In addition to the radiator cooling, an indirect cooling system of open circuit type consisting of heat exchanger with good quality copper tubes inside & rubber hoses externally shall be provided to keep engine from overheating during extended use in tropical climates & when ambient temp is over 40o C. Cooling system should be designed that full power output of engine can be maintained during stationary running without overheating. The oil in the sump shall be prevented from overheating & the pump characteristics shall be chosen in a manner so that the engine does not run at its maximum speed for the required output. Suitable gauge for cooling water & glow lamp for lubricating system shall be provided in the driver's cab, marked with operating temperature. The cooling water outlet pipe from P.T.O.	*

		& additional cooling tank shall be connected through a suitable diameter pipe. End of pipe shall terminate in a threaded connector.	
	Control Panel	An adequately illuminated pump-operating panel with miniature flow diagram and two sets of electrical drawing for maintenance shall be provided at the rear side of the appliance with following features: - 1. Auxiliary throttle control for the engine. 2. Independent pressure gauge calibrated to 15 Kg/Cm² for pump discharge. 3. Threaded suction inlet of water pump with blank cap. 4. Control for using the auxiliary foam compound pick up tube. 5. Visual indication show gauge for engagement of PTO unit 6. Engine Temperature gauge. 7. RPM indicator for pump. 8. Engine Oil Pressure Gauge. 9. Quick opening main valve. 10. Level Gauge for Foam &Water Tanks. 11. Priming Valve for Water Pump. 12. System Schematic etched on S.S. Plate. 13. Operating instruction plate. 14. Compound Pressure gauge calibrated as per IS-951 for water suction. 15. Foam On/off Valve and Foam Proportioning system 16. Valve for hose reels. 17. Operating instruction plate and flushing out instruction plate (Both itched on brass plates). 18. Pump to Delivery Outlets, 19.	*

		Pump to Monitor and Water Tank to Pump Butterfly Valve.	
	Electronic LED Water and Foam Level Indicators	Electronic LED Water and Foam Level Indicators indicating the tank levels as EMPTY, ¼, ½,¾ and FULL shall be provided on the pump control panel. indicating the tank levels as EMPTY, ¼, ½, ¾ and FULL shall be provided on the pump control panel.	*
Body Work & Stowage	Body Work	Enclosed accommodation for driver, officer in charge & four crew members would be provided in a double compartment drivers cab. For this the original cabin of the chassis shall be extended & the tilting mechanism suitably reinforced. The floor of crew cabin shall be provided with 3.0mm thick aluminium chequered plates.First aid box shall also be provided.Mudguard arches to be covered with 1.60 mm Aluminium chequered plate.	*
	Seating	Two front seats, one for officer and one for driver shall be provided in the cabin. One seat for 4 to 5 Crew members shall be provided behind the officer and driver seats. The seats shall be of good quality and latest design (bucket type) seats with 100 mm thick cushions. Also good quality removable and washable seat covers shall be provided	*
	Cabin Structure	The entire structure of	*

	appliance including that of drivers cabin would be welded structure made of 14/16 SWG SS pressed section, square tubes, angles and channels with aluminium paneling.	
Cabin Doors	four doors (2 each side). The door shall open outwards. Cabin doors shall be provided with splinter proof safety glasses and shall also be provided with their movement mechanism.	*
First aid box made of fibre glass shall be provided and fitted in the cabin at suitable location for 10 persons & contents as per The Factories Act	Yes	*
Non-slip type steps and rails shall be provided in the cabin to assist the crew members to get in and out	Yes	*
Provision for storage of two numbers BA Sets	Yes	*
The crew cabin structure shall be so designed so as to avoid any vibration/rattling/deformation in the intended usage of vehicle	Yes	*
Two numbers of large sun visors and rear view mirrors shall be provided on each sides	Yes	*
Cabin shall have one roof light and two sidelights	Yes	*
The cabin & lockers shall be composite construction with sufficient rigidity, reinforcement & will be kept as light as possible Pressed	Yes	*

	sections of sufficient strength will be used		
	Lockers to secure stowage of all equipment's	Adequate Nos. of lockers shall be provided for stowage of all equipment. The height of the lockers from the bottom to the top of opening shall be not less than 600 mm & the depth not less than 600 mm. Flooring of lockers should be of aluminum 3 mm chequered sheet . The exact size of lockers will be designed and installed for accommodating equipment and accessories.	*
	Stowage Safety	All the compartments for stowage of equipments shall be covered with Aluminium Roller Shutters. These smooth operating shutters shall be made of extruded aluminium profiles duly powder coated. The shutter doors shall be equipped with electro-magnetic switch on the door tracks to provide automatic switch on/off of compartment lights. All the space on sides of the vehicle, below the chassis frame level shall be utilized for stowing equipments and shall be covered with rollers shutters.	*
	Hose Tunnels	Hose tunnels shall be provided to carry four 2.5 Meter lengths of suction hoses on convenient location. Drain holes will be provided preferably at the bottom of the tunnel & hose stowage compartment. The internal paneling of suction hose tunnel	*

		should be plain aluminum sheet of 16 gauge thickness & the floor of 3 mm thickness	
	Ladder Gallows	Gallows shall be provided to carry a 10.5 m Aluminium extention ladder. The design shall be such that the ladder can be released without difficulty from a reasonably accessible position and shall embody rollers to permit easy withdrawal by one man. Means shall also be provided for locking the ladder when stowed	*
Electrical	Head Lamps	2	*
	Fog Lamps	2	*
	Reversing Lights	a lamp suitably situated to assist reversing.	*
	Multicolour Red-White-Blue LED light Bar situated on the head of the driving compartment as per CMVR	Yes	Yes
	Warning Lights	Yes, multicolored Warning Lights	Yes, multicolored Warning Lights
	Trafficators - Illuminated with indicating light on instrument panel or in any other prominent position in driving compartment	Yes	*
	Wild Screen Wipers	Yes	*
	All tools required for normal routine maintenance of the appliance which are not included in the kit for the chassis	Yes	*
	Siren Battery operated	Yes	*
	Search Light	adjustable to given flood or beam light, mounted in a convenient position but	*

	capable of being readily disconnected and mounted on a tripod away from the appliance, complete with tripod and with not less than 30 m of TRS cable on a reel mounted on the appliance		
Spot Light - adjustable, mounted in a convenient position on the rear side of the driving compartment	Yes	*	
Inspection Lamp - protected type on wander lead with plug A socket shall be provided in the control panel in the driver's cab for plugging in the lamp	Yes	*	
Tail Lamps - two of combined stop and tail	Yes	*	
Rear Reflectors	Yes	*	
Public Address System - battery operated system with mike in the driver's cab and speaker on the top bf the vehicle	Yes	*	
Telescopic Light Mast (Fitted with 4 x 1000 W Halogen flood light projectors and also rotating Beacon arrangement on the top of the mast)	Compilance to EN Standard, pneumatically operated through separate air compressor . Extendable up to a steady height of approx 5 Mtrs. from Ground Level. Mast will be made of extruded seamless aluminium construction, anodized in natural colour and complete with suitable weather protection cover and lamp guards, Light Mast should have Wired Remote and Robot head as well as Beacon light, Remote should have facility to ON/OFF Left or right	*	

		side, Raise and Park switch as well as Tilting facility up to 90° Down and 270°up and 180° Horizontal rotation in any side from zero option, Base Tube of Light Mast should be of at least 4” Size Seamless Aluminium Alloy Tube.	
	Power Generator for Flood Lights	5 kva capacity portable power generator. Suitable permanent connections for taking power supply from above mentioned power generator set through spiral wire in protective sleeve and also to the earthed sockets at the projector support will be provided.	*
	Cable Winch	Pulling Capacity 6.5 MT / 5.5 hp with 12v/24v DC series electrical reversible motor	*
Painting	Vehicle and monitor should be painted with 2 (Two) coatings of zinc phosphate epoxy primer and two coats of polyurethane finished red paint	Yes	*
	All the lockers/cabins shall be provided with stainless steel nameplates with letter itched on it	Yes	*
	Water line should be painted red and foam line in yellow color paint	Yes	*
	Entire appliance color	Yes, Entire appliance shall be painted in fire red colour (shade no. 536 of BIS 5-1978) and paintconforming to BIS 2932-1974 and thickness of 0.12 to 0.2 mm using double coat spray painting on outside	*

	The driving compartment and the inside lockers shall be painted in pale cream	Yes	*
	The owner’s emblem in original colour together with name (in Hindi & English) shall be written in golden yellow / reflective white stickers / paint on both sides of the vehicle	Yes	*
Performance	Maximum speed on level road (fully laden) (km/hr)	72	*
	Acceleration from a standing start through	50 km/h in 45 seconds	*
	Capability of fire tender of being started from rest and move upon a gradient of 1 to 4	Yes	*
	Performance of Brakes	When travelling at 48 km/h on a level dry surface the foot brake shall be capable of stopping the vehicle within a distance of 15 m from the point at which the brake is applied. The hand brake shall be capable of holding the fully laden appliances on a dry surface gradient of 1 in 4 when in neutral gear	*
	Stability of complete Fire tender	The stability of the appliance shall be such that when under fully equipped and loaded condition (but excluding crew),if the surface on whicel the appliance stand is tilted to either side, the point at which over-turning occurs is not passed at an angle of 30 degrees from the horizontal.	*
Certification	Manufacturer's name or trade-mark on Fire Tender	Yes	*
	Marking for Capacity of	Yes	*

	the water tank in Liters on fire Tender		
	Marking for Year of Manufacture on Water Tender	Yes	*
	Warranty Time	12	12.0
	Warranty Distance	5000	5000.0
	Battery Warranty	6	6.0
	Numbers of Free Service	3	3
	Transportation Charge in Rupees Per Km	25	*
	Complete Fire Tender including Chassis, PTO and Body approval from ARAI / VRDE / ICAT	Yes	Yes
	Chassis Certification including form 22 A from ARAI / VRDE / ICAT	Yes	*

* Specifications highlighted in bold are the Golden Parameters.
* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	**********	**********TIRUVALLUR	1	60

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

This Bid is also governed by the General Terms and Conditions

---Thank You---