

TECHNICAL SPECIFICATION FOR PERSONAL PROTECTIVE EQUIPMENT ANNEXURE -A

Tender S. No.	Tender Technical Specifications	Revised Technical Specifications
1.	<p><u>Safety Helmet:</u></p> <p>Safety Helmet made of Chemical resistant HDPE with structured brim designed for additional side, protection designed to take clip on accessories.</p>	<p><u>Safety Helmet:</u></p> <p>Safety Helmet made of Chemical resistant HDPE with structured brim designed for additional side, protection designed to take clip on accessories. The helmets should have IGL logo in front (Design of logo will be provided by IGL). The helmets should have ISI marking and manufactured as per BIS standard IS : 2925.</p>
2.	<p><u>EAR PLUG:</u></p> <ul style="list-style-type: none"> • Should be ergonomically shaped expansion pressure for comfortable fitting should have cord. • It should reduce pressure build-up on the outer ear maximize wearer comfort. • Easy Removal • High visibility color. 	<p><u>EAR PLUG:</u></p> <ul style="list-style-type: none"> • Should be ergonomically shaped expansion pressure for comfortable fitting should have cord. • It should reduce pressure build-up on the outer ear maximize wearer comfort. • Easy Removal • High visibility color. • Should be CE certified to EN 352.
3.	<p><u>Chemical Splash Goggles:</u></p> <p>Goggles should be ergonomically designed for protection against chemical splashes; Goggles should be Anti Scratch and Anti Fog, should be embossed on lens confirming anti-fog and anti-scratch feature. Goggles should be 100% UV protected. It should have optical clarity 1.</p>	<p><u>Chemical Splash Goggles:</u></p> <p>Goggles should be ergonomically designed for protection against chemical splashes; Goggles should be Anti Scratch and Anti Fog, should be embossed with K N marking on lens confirming anti-fog and anti-scratch feature. Goggles should be 100% UV protected. It should have optical clarity 1.</p>
6.	<p><u>Graphite fibre glass fire resistant blanket:</u></p> <p>The blanket should be of good quality 1.2mm thick made of heavy duty heat cleaned fibre glass yarn with graphite coating to increase temperature protection. The blankets should be provided with eyelets at every 1 meter interval.</p>	<p><u>Graphite fibre glass fire resistant blanket:</u></p> <p>The blanket should be of good quality 1.2mm thick made of heavy duty heat cleaned fibre glass yarn with graphite coating to increase temperature protection. The blankets should be provided with eyelets at every 1 meter interval.</p> <p>Required size is 10x1 meters.</p>

7.	<p><u>Electrical Hand Gloves:</u></p> <p>Class 4 insulated gloves, Its ergonomic shape and lightly powdered interior make the glove easy to slip on and off. Gloves should be supplied along with the composite leather gloves for double donning. Composite gloves should have good mechanical strength and should be easily worn over the electrical gloves. RESISTANCE Its natural latex base offers high dielectric characteristics.</p>	<p><u>Electrical Hand Gloves:</u></p> <p>Class 4 insulated gloves, Its ergonomic shape and lightly powdered interior make the glove easy to slip on and off. Gloves should be supplied along with the composite leather gloves for double donning. Composite gloves should have good mechanical strength and should be easily worn over the electrical gloves. RESISTANCE Its natural latex base offers high dielectric characteristics.</p> <p>Gloves should comply to IEC 60903: 2014, EN 60903:2003</p>
8.	<p><u>Barricading Tape:</u></p> <p>3" tape made of good material with Indraprastha Gas Limited name on it. 1 Roll should be of 100 meter length</p>	<p><u>Barricading Tape:</u></p> <p>3" tape made of good material with Indraprastha Gas Limited name on it. 1 Roll should be of 100 meter length</p> <p>Thickness should be 150 microns.</p>
10.	<p><u>Safety Goggles:</u></p> <p>Spectacles lens should be made poly carbonate. It should able to filter 100% UV rays. Optical clarity of the lens should be 1 It should be anti-fog and anti-scratch. It should be comfortable to wearer. Spectacle should be supplied along with the cover.</p>	<p><u>Safety Goggles:</u></p> <p>Spectacles lens should be made poly carbonate. It should able to filter 100% UV rays. Optical clarity of the lens should be 1 It should be anti-fog and anti-scratch. It should be comfortable to wearer. Spectacle should be supplied along with the cover.</p> <p>Should be approved with EN approvals.</p>
12.	<p><u>Cut Resistant:</u></p> <p>Palm coated PU, Dyneema made from blended fiber having high cut resistance with good sweat absorbent properties. The palm portion of the glove is PU coated for good level of dry grip and good wet grip also.</p> <p>Features & Benefits</p> <ul style="list-style-type: none"> • Close, comfortable fit for dexterity, sensitivity and flexibility • High level cut protection • Excellent durability and abrasion resistance. • A sure grip in wet, dry and slightly oily environments. <p>Glove material Coating – Polyurethane.</p>	<p><u>Cut Resistant:</u></p> <p>Palm coated PU, Dyneema made from blended fiber having high cut resistance with good sweat absorbent properties. The palm portion of the glove is PU coated for good level of dry grip and good wet grip also.</p> <p>Features & Benefits</p> <ul style="list-style-type: none"> • Close, comfortable fit for dexterity, sensitivity and flexibility • High level cut protection • Excellent durability and abrasion resistance. • A sure grip in wet, dry and slightly oily environments. <p>Glove material Coating – Polyurethane. Liner – Dyneema Cuff – elasticated natural rubber latex.</p>

	<p>Liner – Dyneema Cuff – elasticated natural rubber latex.</p> <p>Length of gloves : Minimum 270mm</p>	<p>Length of gloves : Minimum 270mm Approval : EN 388</p>
14.	<p>Fire Proximity Suit – One set of Fire Fighting Jacket & Trouser (3 layer) certified to EN. One pair of Fire Fighting Gloves – Certified to EN One pc. Fire Fighting Hood Nomex – Certified to EN One pair of Fire Fighting Boot - Certified to EN One pc. Fire Fighting Helmet– Certified to EN</p>	<p>Fire Proximity Suit – Made from NOMEX One set of Fire Fighting Jacket & Trouser (3 layer) certified to EN. One pair of Fire Fighting Gloves – Certified to EN One pc. Fire Fighting Hood Nomex – Certified to EN One pair of Fire Fighting Boot - Certified to EN One pc. Fire Fighting Helmet– Certified to EN</p>