

**Corrigendum to Tender No: 1.3-1/APMSIDC/2020-21 Dt 03-05-2020 - Supply of Personal Protection Equipment (PPE) Kits for COVID 19**

S.No	Bidder Name	Tender Condition	Bidder's request	Remarks
1.	NA			<p>The bidder should submit samples within the date and place as mentioned in tender document.</p> <p>The successful bidder shall supply the same quality and product as per submitted samples.</p> <p>Refer Clause 19: Penalties on account of quality failure of samples for each batch non-conforming the tender standards by successful bidder.</p>
2.	NA	<p><b>Clause 2: Eligibility Criteria</b></p> <p>ii. Valid import license if the product is imported with authorization certificate from manufacturer. In case of imported products, scanned copy of valid manufacturing license of product to be uploaded.</p> <p>iii. Valid authorized distributor certificate for distribution of quoted item from original manufacturer (In case of authorized</p>		<p>Clause 2 (ii) and (iii) deleted.</p> <p>Only original manufacturer of PPE is allowed to bid under this tender.</p> <p>No importer or authorized distributor is allowed to bid under this tender.</p> <p>Clause 2 (vi) modified as:</p> <p>The bidder should have ISO/BIS/CE/SITRA/DRDE or any</p>

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		<p>distributors wherever applicable).</p> <p>vi. The tenderer/bidder should have SITRA certification. In case the bidder does not have SITRA certification before the tender closing date, the proof of applying for the said certification shall be furnished. The contract shall be awarded only for those bidders having SITRA certification.</p>		<p>other authorized certification. In case the bidder does not have required certification before the tender closing date, the proof of applying for the said certification shall be furnished. The contract shall be awarded only for those bidders having authorized certification.</p>		
3.	YVR Medivision	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center; vertical-align: middle;">Triple layer mask</td> <td> <p><b>A. Technical specifications</b></p> <p>a) Three layered medical mask with central layer of non-woven material, having filter efficiency of 99% for 3micron particle size.</p> <p>b) Melt blown</p> <p>c) To be supplied with nose-pin and stitched ear loops.</p> <p><b>B. Quality Compliance</b> i. As per BIS standards or equivalent</p> </td> </tr> </table>	Triple layer mask	<p><b>A. Technical specifications</b></p> <p>a) Three layered medical mask with central layer of non-woven material, having filter efficiency of 99% for 3micron particle size.</p> <p>b) Melt blown</p> <p>c) To be supplied with nose-pin and stitched ear loops.</p> <p><b>B. Quality Compliance</b> i. As per BIS standards or equivalent</p>	<p>i. Specification given in mask is not clear as &gt; 99% Bacterial Filtration Efficiency (BFE) will be 5 micron particle capacity;</p> <p>ii. &gt;95% Bacteria Filtration Efficiency (BFE) will be 3 micron particle capacity.so please check for the same and emend as 3 microns particle capacity. Because SITRA approved 3 microns particle capacity.</p>	<p>Please refer Annexure I for revised specifications</p>
Triple layer mask	<p><b>A. Technical specifications</b></p> <p>a) Three layered medical mask with central layer of non-woven material, having filter efficiency of 99% for 3micron particle size.</p> <p>b) Melt blown</p> <p>c) To be supplied with nose-pin and stitched ear loops.</p> <p><b>B. Quality Compliance</b> i. As per BIS standards or equivalent</p>					
4.		<p><b>Biohazard disposable bag (Red Color)</b></p> <p>The Kit should be supplied with a zip lock biohazard disposable bag to accommodate all the kit contents for safe disposal.</p>	<p>The given specifications is not available as ziplock for bio degradable red bags is not available in India. For that a double tape/rope can be provided for sealing and disposing used kit.kindly check the same and</p>	<p>Double tape/rope is also considered</p>		

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			amend it.	
5.	Sham Shree Lifesciences Pvt. Ltd.		<p>i. The Qty of PPE Kits mentioned is 2 Lac Kits and this needs to be supplied within 20 days. Our request is to increase this time to starting with 1st consignment in 30 days and to be completed in 60 days.</p> <p>i. We request to increase the tender closing date by 7-10 days.</p>	No change to tender condition
6.	Keshava Medi Devices Pvt Ltd		<p>In regard to the tender released by Government of Andhra Pradesh (APMSIDC) on 03.05.2020 towards the supply of PPE KITS. In the tender it is stated that Approx. 2 lakhs Kits has to be supplied in 20 days time period. It is also mentioned that all the seam areas has to be taped.</p> <p>Current scenario very few people or companies have the seam sealing machines and to tape them on the suit, skilled labour is required, so to produce the said quantity in the given period of time is not possible at all sir. So kindly understand the situation and provide 60 day supply period for the given quantity order.</p>	No change to tender condition

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7.	V.A Life Sciences		<ul style="list-style-type: none"> <li>i. It is read that SITRA certificate is compulsory to quote PPE Kits. We convey that DRDO (Defence Research &amp; Development Organization, Ministry of Defence) is also certifying the PPE Kits. Hence, we request you to consider DRDE issued Certification also for PPE Kits as alternate to Sitra Certification.</li> <li>ii. Further we convey that courier services are working only for essential goods and not accepting the documents.</li> <li>iii. Also, most of the Units are in red zone and under lockdown which can offer a very better competitive prices and are unable to quote due to very short period of tender release information and its due date.</li> <li>iv. Therefore, we request you to extend the tender another 5 days so that more bids would be received with competitive prices.</li> </ul>	<ul style="list-style-type: none"> <li>i. SITRA, DRDE or any authorized agency certifying the PPE kits is allowed</li> <li>ii. The bidder can also pay EMD and tender fees online. For bidders who wish to pay tender fees and EMD through DD, those bidders should submit the hard copy within the date and time specified in tender document</li> <li>iii. No change in tender submission date</li> </ul>

## Specification for Personal Protection Equipment Kits for COVID19

Personal Protective Equipment (PPEs) are protective gears designed to safeguard the healthcare workers by minimizing the exposure to a biological agent

### Components of PPE

1. Coverall
2. Triple layer medical mask
3. Face shield
4. Gloves
5. Shoe cover
6. Disposable bag

The specifications for components are provided table below:

S.No	Component	Photo	Requirements
1.	Coverall with hood		<p>(Minimum length should be 180 cm and chest circumference should be at least 135 cm)</p> <p><b>A. Technical specifications</b></p> <ol style="list-style-type: none"><li>a) Disposable, full sleeved complete suit with hood, made up of non-woven fabric (spun bonded, polypropylene material not less than 95 GSM with filterable efficiency of 99% for particles of 3 Microns size)</li><li>b) Cuff with elastics, zipper (length of zipper should cover at least 50% length of the gown)</li><li>c) Zipper of the coverall shall be covered with a flap to avoid accumulation of microbes</li><li>d) Coverall should be designed for universal fit and waist belt should be fixed on side so that it can be tied</li><li>e) Seams to be taped</li></ol>

S.No	Component	Photo	Requirements
			<p><b>B. Quality compliance</b></p> <ul style="list-style-type: none"> <li>a) Meet or should exceed ISO 16603:2004 class 3 exposure pressure, or equivalent</li> <li>b) The Fabric, Garment/Coverall and Seam should pass Synthetic Blood Penetration test at SITRA, Coimbatore/NITRA/DRDE/INMAS (DRDO)/Heavy vehicles Factory, Avadi, Tamil Nadu/Small Arms Factory, Kanpur, UP/Ordnance Factory at Muradnagar and Kanpur or any other authorized agency</li> </ul> <p>The coverall should follow other guidelines:</p> <ul style="list-style-type: none"> <li>a) Impermeable to blood and body fluids</li> <li>b) Single use</li> <li>c) Supply in Medical blue color only</li> <li>d) Preferably, Thumb/finger loops to anchor sleeves in place</li> </ul>
2.	Triple Layer Medical Mask		<p><b>A. Technical specifications</b></p> <ul style="list-style-type: none"> <li>a) Fabric Weight- 25 GSM per ply (<math>\pm</math> 5%)</li> <li>b) Fabric Quality- Virgin quality PP (Polypropylene) Spun-Bonded Melt Blown Non-Woven fabric</li> <li>c) 2 outer layers Medical Blue/green 25 GSM each and 1 middle layer Snow white 25 GSM</li> <li>d) Size- 95 mm height x 175 mm width (<math>\pm</math> 5 mm)</li> <li>e) Mask Securing Method- Ear loop with round elastic material</li> <li>f) Attachment- Stitched with same color thread &amp;/or Ultrasonic welded <ul style="list-style-type: none"> <li>▪ &gt;99% Bacterial Filtration Efficiency (BFE) at 5 micron capacity;</li> <li>▪ &gt;95% Bacteria Filtration Efficiency (BFE) at 3 micron capacity.</li> </ul> </li> <li>g) Mask should have nose piece</li> <li>h) ISI specifications or equivalent</li> </ul>

S.No	Component	Photo	Requirements
3.	Face shield		<p><b>A. Technical specifications</b></p> <ul style="list-style-type: none"> <li>a) Fog resistant</li> <li>b) Made of clear plastic and provides good visibility</li> <li>c) Adjustable band to attach firmly around the head and fit snugly against the forehead</li> <li>d) Completely covers the sides and length of the face</li> </ul> <p><b>Quality compliant with the below standards, or equivalent:</b></p> <ul style="list-style-type: none"> <li>a) EU standard directive 86/686/EEC, EN 166/2002</li> <li>b) ANSI/SEA Z87.1-2010</li> </ul>
4.	Gloves		<p><b>A. Technical specifications</b></p> <ul style="list-style-type: none"> <li>a) Disposable pre-sterilized, high quality latex gloves which are stretchable, thin, translucent, preferably with rough palmer surface</li> <li>b) Individual packed in single pair of 7 inch or 7.5 inch</li> <li>c) Should be puncture proof</li> </ul> <p><b>B. Quality compliance</b></p> <ul style="list-style-type: none"> <li>o As per BIS 13422:1992</li> </ul>
5.	Shoe Covers		<p><b>A. Technical specifications</b></p> <ul style="list-style-type: none"> <li>a) Length of at least 1.5 feet covering up to mid calf</li> <li>b) Disposable</li> <li>c) Should be made up of same fabric as coverall and should be impermeable</li> <li>d) Free size with elastic band</li> </ul>
6.	Biohazard disposable bag (Red Color)		The Kit should be supplied with a zip lock/ Double tape/rope bio hazard disposable bag to accommodate all the kit contents for safe disposal.

Note: The PPE kit supplied should be sterilized as per standard norms.

