



Date: 11.06.2024

Corrigendum-I
Amendments in the tender document

PUBLIC TENDER

TENDER REFERENCE NO.: TIFR/PD/CF24-23/240147

Supply, Installation, Testing & Commissioning of cleanrooms for Petawatt Facility at TIFR, Survey No. 36/P, Gopanpally (Village), Serilingampally (Mandal), Ranga Reddy Dist., Hyderabad- 500046.

Following are the amendments

Sl.No	Tender Section & Clause No.	As per Tender	Corrigendum
1	Section-I & Clause No. 6 (Page No. 9)	<p>PAYMENT SCHEDULE: The contractor shall submit the bills for payments along with a detailed statement showing the actual works carried out under different heads of items in the format specified by the TIFR. Minimum value of the work for interim payment (Two Running Bills) shall be 30% of the work order value. All interim (Maximum three Running Bill) and final bills will be settled based on the joint measurements of each item of work and certified by TIFR Engineer. The bills for nonperishable materials on site may also be submitted and the payment by TIFR against the same shall be to the maximum extent of 60% of the value of these materials on production of sufficient documentary evidence ie. Original invoice, Inventory, etc. All interim bills will be paid within 15 days from the date of submission and Final Bill along with all relevant documents will be settled within 30 days from the date of submission with certification of TIFR Engineer.</p>	<p>PAYMENT SCHEDULE: The contractor shall submit the bills for payments along with a detailed statement showing the actual works carried out under different heads of items in the format specified by the TIFR. Minimum value of the work for interim payment (Three Running Bills) shall be 30% of the work order value. All interim (Maximum three Running Bill) and final bills will be settled based on the joint measurements of each item of work and certified by TIFR Engineer. TIFR Officers may sanction the secured advance up to an amount not exceeding 90% of the value of the materials as assessed by the Engineer-in-charge, or an amount not exceeding 90% of the material element cost in the tendered rate of the finished item of work, whichever is lower on production of sufficient documentary evidence i.e. Original invoice, inventory, Insurance for the fire and theft etc. All interim bills will be paid within 15 days from the date of submission and Final Bill along with all relevant documents will be settled within 30 days from the date of submission with certification of TIFR Engineer.</p>
2	Section-IV & Clause No. 12 (Page No. 25)	<p>Terms of Payment The contractor will be paid only Two Running Account (RA) Bills and Final Bill considering the progress of works based on measurement of works completed. The contractor shall submit the bills for payments along with a detailed statement showing the actual works carried out under different heads of items in the format specified by TIFR-, Hyderabad.</p>	<p>Terms of Payment The contractor will be paid only Three Running Account (RA) Bills and Final Bill considering the progress of works based on measurement of works completed. The contractor shall submit the bills for payments along with a detailed statement showing the actual works carried out under different heads of items in the format specified by TIFR-, Hyderabad. Minimum value</p>

		Minimum value of the work for interim payment shall be 35% of the work order value.	of the work for interim payment shall be 30% of the work order value. TIFR Officers may sanction the secured advance up to an amount not exceeding 90% of the value of the materials as assessed by the Engineer-in-charge, or an amount not exceeding 90% of the material element cost in the tendered rate of the finished item of work, whichever is lower on production of sufficient documentary evidence i.e. Original invoice, inventory, Insurance for the fire and theft etc.
3	Section-VIII & SOQ S. No. 8 (Page No. 70)	Supply and Installation of powder coated clean room 50 mm thick single leaf flushed doors made of 0.8 mm thick for outer skin and 0.8 mm thick for inner skin electro zinc steel sheet on both sides with PUF insulation of density 42 kg / cub. mt., with all fittings, view panel, door closure, etc. Size of the door shall be considered tentatively as indicated in the drawing. Powder coating thickness shall be 60 to 80 microns. Doors shall have door frame, double glazing see thru glass / view panel, hardware like door closure, SS handles, SS ball bearing butt hinges and automatic door bottom seal, etc. Each door shutter shall be with lock seam joints at style edges with required no. of stainless steel butt hinges SS304 of size 100mm*75mm-(3nos) with HSN screws. Mortice Lock(make: Door set)-1no., auto drop bottom seal 1 set, SS Sick plate-1set, Dtype 19mm dia *250mm steel handel for pull & push -2no., Door closer (Dorma/ equivalent make) 1no. All the fittings shall be compatible for a clean room. Doors shall have an automatic bottom flap to seal the gap below the door when the door is closed. Utmost care shall be taken in order to arrest the air leaks from the door and an SS strip of 5 mm thick shall be fixed on the floor for the door width to arrest the air leakages from the door. View panel size in each leaf of the door shall be 600 x 300 mm. Complete door hardware and accessories shall be of Dorma make. Size : 1000 x 2100 mm - 4 no	Supply and Installation of powder coated clean room 50 mm thick single leaf flushed doors made of 0.8 mm thick for outer skin and 0.8 mm thick for inner skin electro zinc steel sheet on both sides with PUF insulation of density 42 kg / cub. mt., with all fittings, view panel, door closure, etc. Size of the door shall be considered tentatively as indicated in the drawing. Powder coating thickness shall be 60 to 80 microns. Doors shall have door frame, double glazing see thru glass / view panel, hardware like door closure, SS handles, SS ball bearing butt hinges and automatic door bottom seal, etc. Each door shutter shall be with lock seam joints at style edges with required no. of stainless steel butt hinges SS304 of size 100mm*75mm-(3nos) with HSN screws. Mortice Lock(make: Door set)-1no., auto drop bottom seal 1 set, SS Sick plate-1set, Dtype 19mm dia *250mm steel handel for pull & push -2no., Door closer (Dorma/ equivalent make) 1no. All the fittings shall be compatible for a clean room. Doors shall have an automatic bottom flap to seal the gap below the door when the door is closed. Utmost care shall be taken in order to arrest the air leaks from the door and an SS strip of 5 mm thick shall be fixed on the floor for the door width to arrest the air leakages from the door. View panel size in each leaf of the door shall be 600 x 300 mm. Complete door hardware and accessories shall be of Dorma make. Door Size : 1200 x 2400 mm - 2 nos & 1000 x 2400 mm 4 nos.
4	Section-VIII & SOQ S. No. 9 (Page No. 70)	Supply and Installation of powder coated clean room 50 mm thick double leaf flushed doors made of 0.8 mm thick for outer skin and 0.8 mm thk for inner skin electro zinc steel sheet on both sides with PUF insulation of density 42 kg / cub. mt., with all fittings, view panel, door closure, etc. Size of the door shall be considered tentatively as indicated in the	Supply and Installation of powder coated clean room 50 mm thick double leaf flushed doors made of 0.8 mm thick for outer skin and 0.8 mm thk for inner skin electro zinc steel sheet on both sides with PUF insulation of density 42 kg / cub. mt., with all fittings, view panel, door closure, etc. Size of the door shall be considered tentatively as indicated in the drawing. Powder

		<p>drawing. Powder coating thickness shall be 60 to 80 microns. Doors shall have door frame, double glazing see thru glass / view panel, hardware like door closure, SS handles, SS ball bearing butt hinges and automatic door bottom seal, etc. Each door shutter shall be with lock seam joints at style edges with required no. of stainless steel butt hinges SS304 of size 100mm*75mm-(3nos) with HSN screws. Mortice Lock(make: Door set)-1no., auto drop bottom seal 1 set, SS Sick plate-1set, Dtype 19mm dia *250mm steel handel for pull & push -2no., Door closer (Dorma/ equivalent make) 1no. All the fittings shall be compatible for clean room. Doors shall have automatic bottom flap to seal the gap below the door when the door is closed. Utmost care shall be taken in order to arrest the air leaks from the door and an SS strip of 5 mm thick shall be fixed on the floor for the door width to arrest the air leakages from the door. View panel size in each leaf of the door shall be 600 x 300 mm. Complete door hardware and accessories shall be of Dorma make. Size : 2000 x 2100 mm - 1 no.</p>	<p>coating thickness shall be 60 to 80 microns. Doors shall have door frame, double glazing see thru glass / view panel, hardware like door closure, SS handles, SS ball bearing butt hinges and automatic door bottom seal, etc. Each door shutter shall be with lock seam joints at style edges with required no. of stainless steel butt hinges SS304 of size 100mm*75mm-(3nos) with HSN screws. Mortice Lock(make: Door set)-1no., auto drop bottom seal 1 set, SS Sick plate-1set, Dtype 19mm dia *250mm steel handel for pull & push -2no., Door closer (Dorma/ equivalent make) 1no. All the fittings shall be compatible for clean room. Doors shall have automatic bottom flap to seal the gap below the door when the door is closed. Utmost care shall be taken in order to arrest the air leaks from the door and an SS strip of 5 mm thick shall be fixed on the floor for the door width to arrest the air leakages from the door. View panel size in each leaf of the door shall be 600 x 300 mm. Complete door hardware and accessories shall be of Dorma make. Door Size : 1800 x 2400 mm - 7 nos, 1200 x 2400 mm 1 no & 2500 x 3657 mm 2 nos</p>
5	Section-VIII & SOQ S. No. 25 (Page No. 74)	<p>Validation of cleanroom and documentation for cleanroom for air velocity test, DP test, particle count, cleanroom classifications, pressure balancing, temperature test, RH test, laminar flow visualization video, recovery test with video, etc. Validation shall be done by an approved third party and documents shall be professionally prepared. All the formats shall be submitted for review and approval by the client. Whatever modifications, adjustments need to be done for achieving the proper results shall be carried out before the final test. If the test results are not satisfactory, testing shall be repeated at no extra cost.</p>	<p>Validation of cleanroom and documentation for cleanroom for air velocity test, DP test, particle count, cleanroom classifications, pressure balancing, temperature test, RH test, laminar flow visualization video, recovery test with video, etc. Validation shall be done by an approved third party and documents shall be professionally prepared. All the formats shall be submitted for review and approval by the client. Whatever modifications, adjustments need to be done for achieving the proper results shall be carried out before the final test. If the test results are not satisfactory (under given scope in this work), testing shall be repeated at no extra cost. If parameters like CFM, Temperature & RH (which are not given in the scope) not satisfactory, extra will be paid. However, contractors shall coordinate with HVAC contractors before performing validation in order to get satisfactory results.</p>
6	Section-VIII & SOQ S. No. 29 (Page No. 75)	<p>Supply, installation, testing and commissioning of Digital Addressable Lighting Interface (DALI) Software to control, schedule, dimming etc as per the site requirements for 42 W and 60 W Clean room LED Lights (Sl. No. 27 & 28). That shall be work through wi-fi by Tablet or Mobile and also Manual touch Panel Switch (ON, OFF and Dimming control system shall be provided)</p>	<p>Supply, installation, testing and commissioning of Digital Addressable Lighting Interface (DALI) system inclusive of required Dimmable drivers, Power supply modules, Gateway Modules, Logic modules, controllers, Touch screens, TAB for mobile application, control wiring, programming, other hardware items as per the</p>



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			<p>site requirements in order to control, schedule, grouping, dimming etc as per the site requirements for 42 W and 60 W Clean room LED Lights (SOQ Sl. No. 27 & 28). That shall be work through wi-fi by Tablet or Mobile and also Manual touch Panel Switch (ON, OFF and Dimming control system shall be provided)</p> <p>Note:</p> <ol style="list-style-type: none">1. Power wiring for above lights are not included in this scope.2. Make shall be the same as S. No. 27 & 28
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All other terms & conditions of subject enquiry shall remain unchanged. This Corrigendum-I is an integral part of the subject enquiry and a copy of the same must be submitted along with the quotation duly signed and stamped.

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