

**NATIONAL CENTRE FOR BIOLOGICAL SCIENCES
TATA INSTITUTE OF FUNDAMENTAL RESEARCH
GKVK CAMPUS, BALLARY ROAD, BENGALURU-560065**

Name of the work - Providing and fixing Modular wall panel partitions for Mass Spectrometer Facility and Micro fluid Facility at NCBS

Schedule of Quantities

| Sl. No. | Description of Work | Unit | Qty | Rate | Amount |
|----------|--|------|-------|-------------------------------|--------|
| | | | | in figures & words | |
| 1 | MODULAR WALL PANELS SOLID-100MM | | | | |
| | Supply installation Testing & Commissioning (SITC) of wall panels made up of GI powder coated of 0.8mm thick sheet on both sides, with 100mm thick class 'O' PUF of min. 38kg/m ³ density sandwiched inbetween. The GI sheet shall have 80 micron thick powder coating by hot dipgalvanizing with zinc coating not less than 180gm/sqm both side of the panel. Scope includes bottom runner, interconnecting profiles, fixing arrangements, silicon sealant application and all other accessories required to complete the work as per site requirement. Colour: Powder coated as approved by NCBS, complete with all necessary hardware, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge .Note:Necessary cut-opens to be made for service outlets and finished after passing the service outlets. | SQM | 55.00 | | |
| 2 | MODULAR CEILING PANELS - 50MM thick & Aluminium Ceiling Grid | | | | |

| Sl. No. | Description of Work | Unit | Qty | Rate | Amount |
|---------|---|------|-------|--------------------|--------|
| | | | | in figures & words | |
| | <p>Supply installation testing & commissioning (SITC) of the Modular False Ceiling System shall comprise of ceiling panels of double skin type 50mm thick, sandwiched with self-extinguishing quality PUF of density not less than 38kg / cum the inner and outer skin shall be of powder coated steel sheet, the thickness of inner skin and outer skin of the panel shall not less than 0.8mm the powder coated steel sheet shall be hot dip galvanized with zinc coating not less than 180gm/sqm both side of the GI sheet used.</p> | Sqm | 15.00 | | |
| | <p>The false ceiling system shall also include ceiling grid system consisting of T-grid of extruded aluminum anodized surface, wall angle, suspender rod, turnbuckle, nuts, bolts, anchor fasteners etc., as required for fixing the panels, & HEPA filter frame, ceiling grid configuration length and width shall be suitable for fixing ceiling blanks, HEPA module, light fixtures etc. All the suspended material shall be galvanized finish. The ceiling grid system shall be suitable for walkable type false ceiling.the vertical panels to be from false ceiling till the true concrete ceiling. Fire rating - class O and colored approved by NCBS.</p> | | | | |
| | <p>IMPORTANT NOTE: The contractor to take utmost care for transport,shifting and erecting complete with all necessary hardware, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge.Note:Necessary cut-opens to be made for service outlets and finished after passing the service outlets.</p> | | | | |
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| 3 | COVING | | | | |
| 3.1 | Supply installation testing & commissioning (SITC) of PVC coving D 50 with required aluminium / PVC back supports with application of clear sealant to the lips of the coving, complete with all necessary hardware, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge. | Rmt | 40.00 | | |
| 3.2 | PVC 3D corner covings with back supports as required and application of clear sealants to all joints, complete with all necessary hardware, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge. | Nos | 24.00 | | |
| 4 | DOORS | | | | |
| | Supply installation testing & commissioning (SITC) of modular sandwiched doors with both side GI powder coated, GI sheet construction 0.8mm thickness duly flushed with the walls, with 45mm thick PUF, sandwiched between GI sheets, with door frame, including flushed hinges, SS 304 handle / push plates and hydraulic door closers. General construction drawing to be attached, but frame width and leaf width to suit the site conditions. Drawings attached are for guidance purposes only, complete with all necessary hardware, double glazed view panels as per size required at site, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge. | | | | |
| 4.1 | Double leaf door:1375X 2100mm or to suit the site conditions should have fumigation port as per plan drawings and also with 375mm width service door and 1000mm for Main entry.view panel (900 W X1650 H)/as per requirement at site, | Nos | 1.00 | | |

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|----------------|---|-------------|------------|-------------------------------|---------------|
| | | | | in figures & words | |
| 4.2 | Single leaf door:1300X 2100mm or to suit the site conditions should have fumigation port as per plan drawings and also with sliding arrangements like channels,wheels&operating gears.view panels (700 W X1650 H)/as per requirement at site, | Nos | 1.00 | | |
| 5 | VIEW PANELS,TRAP DOOR & PASS BOX | | | | |
| 5.1 | Supply installation testing & commissioning (SITC) of double glazed view panels with toughened glass of 5.5mm thick 900mm WX1250mm H size view panels of the width of the wall panels with spacer with silica gel, black tapes, screen printed edge of the glass, with required profile and gaskets and silicon sealed in the wall panels fabrication drawing should be submitted for approval of NCBS. complete with all necessary hardware, accessories fittings and fixtures, as per description in individual items, technical specificatios, drawings and instructions of the Engineer-Incharge. | | | | |
| 5.1a | With size of 900mm WX1250H | Nos | 5.00 | | |
| 5.1b | With size of 600mm WX600H | Nos | 1.00 | | |
| 5.2 | Supply installation testing & commissioning (SITC) Trap door of size 450mm X450mm. size of the width of the barricade wall panels with spacer with silica gel, black tapes, with required profile and gaskets and silicon sealed in the wall panels fabrication drawing should be submitted for approval of NCBS. complete with all necessary hardware, handles,accessories fittings and fixtures, as per description in individual items, technical specificatios, drawings and instructions of the Engineer-Incharge. | Nos | 2.00 | | |

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| 5.3 | Supply installation testing & commissioning (SITC) Pass box of size 600mm W X750mm H. size of the width of the wall panels with spacer with silica gel, black tapes, with required profile and gaskets and silicon sealed in the wall panels fabrication drawing should be submitted for approval of NCBS. complete with all necessary hardware, handles, accessories fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge. | Nos | 1.00 | | |
| 6 | Flashings like, bottom channel chair angle, Internal & External perimeter Belting, PCGI Strip and C Flashings for Light/HVAC Cutouts etc., | Rmt | 35.00 | | |
| Total Rs. | | | | | |
| Note: | | | | | |
| 1 | Powder coating for external/internal surfaces if required due to erection works exposed to corridors shall be of light colour matching with the existing paint colour on ceiling/wall. | | | | |
| 2 | Powder coating for internal surfaces should be black colour as per approved shade. | | | | |
| 3 | The partitions are to be fabricated as per site conditions duly taking into account, the existing fire fighting lines, cables, light fittings, AC grills etc. | | | | |
| 4 | Suitable fixing arrangements shall be provided in the partition for fixing surface mounted cable management system as per site conditions. | | | | |
| 5 | The Contractor shall quote his rates in this schedule of quantity. Submission of tender in any other format is liable for rejection. | | | | |

Total Amount in Words:

Signature of the tenderer:

Date:

Seal: