Internal Memo no. 912-167 – Construction Date: 10-11-2023

Subject: Materials required for completion of electrical & civil works for handing over of lift shaft to lift vendor.

Keywords: Lift shaft, Lift, installation.

Sites to use: Purchase & Installation of below following material for lift shafts.

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| Sl. No. | Description of item | Details of use | SKU no. | Appx. Cost |
|  | Water proofing | To prevent ground water entering lift pit | MISC9511-Miscelleneous-Water Proofing Works- misc- Sqm | 10,000/- per lift pit of larger sizes  7,500/-per lift pit upto 7ftx7ftx7ft |
|  | MS Scaffolding | For erection of lift works | 1. STEL8750-Steel-Mild Steel-Cup lock Vertical-3000mm-Nos 2. STEL1425-Steel-Mild Steel-Cup lock Ledger Horizontal -1200mm-Nos 3. STEL4061-Steel-Mild Steel- Cup lock Ledger Horizontal -2000mm-Nos | a.1229.80/-  b..404.20/-  c.662.20/- |
|  | Smoke Window | Use 3’x2’ size | MISC7469-Miscellaneous-MS Fabrication work-LS | - |
|  | Hooks | size & position as per vendor requirement | NA | - |
|  | Plumb reading | Check plumb of 4 sides of lift walls . | NA | - |
|  | Bulk head lights | It should be provided every landing floor, bottom of the pits near lift machine . | ELEC9722-Electrical -Bulkhead LED Light 10W-Nos | 661/- |
|  | GI Flat | 2 runs has to be run from top of the shaft & connect it to 2 earth pits | ELEC9995-Electrical -GI Flat -25x3Tmm-Kgs | 83/- per kg |
|  | CI Earthing Electrode | Use 2 Nos of CI electrodes for each lift earthing work purpose. | ELEC5968-Electrical -CI Electrode -50x1800mm-Nos | 1,156/- |
|  | 6A Switch | 6amps switch - one for light control at every floor as mentioned above and for 3pin power socket purpose. | ELEC3129-Electrical- Switch -One Way -6A -Nos | 44/- |
|  | 6A Socket | 6A power socket should be provided every landing floor, bottom of the pits near lift machine | ELEC8034-Electrical - Socket 3pin -6A-Nos | 11/- |
| 11 | Distribution Box | Connection of bulkhead lights ,6A &16A sockets & switches | ELEC9595-Electrical -DB TPN -3phase -4Way-Nos | 1,864/- |
| 12 | MCB | For 13Pax lift 25A MCB (As per vendor requirement) | ELEC1516 -Electrical- MCB 4pole -25A-Nos | 903/- |
| 13 | MCB | For 20Pax lift 32A MCB(As per vendor requirement) | ELEC1888-Electrical- MCB 4pole -32A-Nos | 1,023/- |
| 14 | Isolator | Temporary power connection purpose , during erection. | ELEC8878- Electrical- Isolater -4 pole 40amps-Nos | 531/- |
| 15 | ISMB | Size depends upon vendor requirement | STEL8000-Steel-MS ISMB-100x60x6000mm-Kgs | 71/- per kg |
| 16 | ISMC | Size depends upon vendor requirement | STEL5337-Steel-MS ISMC-75x40x6000mm-Kgs | 74/-per kg |
| 17 | Al armored Cables | Power supply to lift -cable size depends upon capacity of lift | 1. ELEC6940-Electrical-Aluminum armored cable-4 core 16sqmm-mtrs 2. ELEC8887-Electrical-Aluminum armored cable-LT-3.5core 35sqmm-mtrs 3. ELEC6243-Electrical-Aluminum armored cable-LT-3.5core 25sqmm-mtrs | a.154/- per meter  b.219/- per meter  c.177/- per meter |
| 18 | 1sqmm housing wire-Red | For shaft lighting and 6A socket power purpose. | ELEC1811-Electrical- Copper wire -Red colour- Gloster-1sqmmx90mtrs-Bundles | 982/-per Bundle |
| 19 | 1sqmm housing wire-Black | For shaft lighting and 6A socket power purpose. | ELEC6829-Electrical- Copper wire -Black colour- Gloster-1sqmmx90mtrs-Bundles | 982/--per Bundle |
| 20 | 1sqmm housing wire-Green | For shaft lighting and 6A socket power purpose. | ELEC9836-Electrical- Copper wire -Green colour- Gloster-1sqmmx90mtrs-Bundles | 982/--per Bundle |
| 21 | 2.5sqmm housing wire- Red | For shaft lighting and 6A socket power purpose. | ELEC4914-Electrical- Copper wire -Red colour- Gloster-2.5sqmmx90mtrs-Bundles | 2,270/--per Bundle |
| 22 | 2.5sqmm housing wire- Black | For shaft lighting and 6A socket power purpose. | ELEC8650-Electrical- Copper wire -Black colour- Gloster-2.5sqmmx90mtrs-Bundles | 2,270/--per Bundle |

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| 23 | 2.5sqmm housing wire- Green | For shaft lighting and 6A socket power purpose. | ELEC9975-Electrical- Copper wire -Green colour- Gloster-2.5sqmmx90mtrs-Bundles | 2,270/--per Bundle |
| 24 | Surface box 4 module | For lighting switch & power socket switch | ELEC3223-Electrical-PVC Surface box- 4Module -Nos | 71/- |
| 25 | PVC Conduit pipe 25mm | To run housing wires | ELEC6228-Electrical-PVC Conduit pipe FR-25mm-Nos | 83/- |
| 26 | PVC Conduit bends 25mm | To run housing wires | ELEC3590-Electrical-Conducting bends PVC 25x1.5mm-Nos | 8/- |
| 27 | One coat of Primer | One coat of Primer should be applied on all 4 walls of lift shaft before handing over of shaft to lift vendor. | PAIN7486-Paints-Internal primer-White Asian -20ltrs-can | 2,700/- per can |
| 28 | Granite Work | Laying of granite flooring inside car cabin | BUIL4872-Building material- Granite -Black -19mm-sqm | 1,397/- per sqm |

Notes:

Cable sizes & ISMB sizes shall be procured as per vendor requirement.

Soham Modi