

**Subject :**

Action Plan For ( Escalators Installations)

Service Buildings (Shamiya,Haram Extension Project)

Zone :12,13,14,15), Bridges : 1,2,3,4

**Date 12/23/2014**

**Installer :** 

**Prepared By :** Eng.Adnan Kabbani ( ABCD)

**Mob:**054-3382378

Escalators

**Att:Eng.Akram Hamade**  
**Eng. Abdul Kader Kabbara**

Dear Sir's ,

Following to the commissioned task given on 27/11/2014 I am pleased to present this action plan stating all actions and scope related activities for the completion of escalators installation at Service Building.

Before I would like to overview about the current status of work. currently there is 10 installed escalators out of 285, 11 was canceled giving a total of 264 pending installations **(see in page 3)** distributed at zone 12,13,14,15 Bridges 1,2,3,4 with this average we need like 26 yrs for installing all the escalators which is unpractical to follow where some factors causing to delay the installation and can be addressed as follow :

**Delay in Finishing :**

- Delaying in Marble and Concrete work resulting in the delay of the escalator installation at all zones .

**Safety :**

- Lack of safety measures .Safety issues should be applied at the working place and according to the safety standard and as per the installer requirement and needs.

**Cleanliness :**

Working area should be provided for the sub contractor with an excellent cleaning conditions .also stuff , rubbish and other existing materials on floor shall be removed for ease of access .

**Material :**

- Material preparation and other related issues like electrical cord supply, scaffolding should be prepared before handing over the work for the subcontractor.

**Respecting deadlines & avoid duplication :**

Deadlines should be respected in order to finalize the work zone managers has to be much as cooperative with the project coordinator and to provide him with all information's and resources about the workflow and task achievements in the active working area ,where obstacles and other outstanding issues should be discussed with the project manager for solutions. Moreover work duplication should be eliminated in order to avoid any kind of work recreation especially in the slabs and handrail areas.

### Escalators Distribution Summary :

According to the method of statement presented by **KONE** the below table illustrate all escalators locations including Flr numbers and Types at all zones where installation exists. Also zones has been colored and identified with a colour ID which represent the zone.

| BRIDGES  |                 |                       |                 |           |           |
|----------|-----------------|-----------------------|-----------------|-----------|-----------|
| Bridge N | Flr             | Total N of Escalators | Escalator types | installed | Remaining |
| 1        | Gnd             | 8                     | Type y / 4      | 0         | 0         |
|          |                 |                       | Type R / 4      |           |           |
|          | Gnd / Mezannine | 12                    | Type K          | -         |           |
|          |                 |                       | Type Q          | -         |           |
|          | 2nd flr         | 12                    | Type F          | -         |           |
|          | 3rd Flr         | 8                     | Type F          | -         |           |
| 4th Flr  | 4               | Type F                |                 |           |           |
|          |                 | 44                    |                 |           |           |
| 2        | Gnd             | 8                     | Type S / 4      |           |           |
|          |                 |                       | Type T / 4      |           |           |
|          | 2nd Flr         | 12                    | Type F          |           |           |
|          | 3rd Flr         | 8                     | Type F          |           |           |
|          | 4th Flr         | 4                     | Type F          |           |           |
|          |                 | 32                    |                 |           |           |
| 3        | 2nd Flr         | 4                     | Type F          |           |           |
|          | 3rd Flr         | 8                     | Type F          |           |           |
|          | 4th Flr         | 12                    | Type F          |           |           |
|          | 5th Flr         | 16                    | Type F          |           |           |
|          |                 | 40                    |                 |           |           |
| 4        | 2nd flr         | 4                     | Type F          |           |           |
|          | 3rd Flr         | 10                    | Type F          |           |           |
|          | 4th Flr         | 10                    | Type F          |           |           |
|          |                 |                       | 24              |           |           |

|              |  |            |                             |  |  |
|--------------|--|------------|-----------------------------|--|--|
| <b>Total</b> |  | <b>140</b> | <b>Escalators \ Bridges</b> |  |  |
|--------------|--|------------|-----------------------------|--|--|

| ZONES    |                 |                       |                 |           |           |
|----------|-----------------|-----------------------|-----------------|-----------|-----------|
| Zone N   | Flr             | Total N of Escalators | Escalator types | installed | Remaining |
| 12       | Gnd Flr         | 8                     | Type F          | 4         | 36        |
|          | 1st Flr         | 14                    | Type A / 2      |           |           |
|          |                 |                       | Type H / 4      |           |           |
|          |                 |                       | Type F / 8      |           |           |
|          | 2nd Flr         | 6                     | Type F          |           |           |
|          | 3rd Flr         | 4                     | Type F          |           |           |
|          | 4 <sup>th</sup> | 4                     | Type F          |           |           |
| 5th      | 4               | Type F                |                 |           |           |
|          |                 | <b>40</b>             |                 |           |           |
| 13,14    | Gnd Flr         | 8                     | Type F          | 4         | 44        |
|          | 1st Flr         | 8                     | Type F          |           |           |
|          | 2nd Flr         | 8                     | Type F          |           |           |
|          | 3rd Flr         | 8                     | Type F          |           |           |
|          | 4th Flr         | 8                     | Type F          |           |           |
|          | 5th Flr         | 8                     | Type F          |           |           |
|          |                 | <b>48</b>             |                 |           |           |
| 15       | Gnd Flr         | 8                     | Type J / 6      | 2         | 55        |
|          |                 |                       | Type T / 2      |           |           |
|          | 1st Flr         | 10                    | Type E / 6      |           |           |
|          |                 |                       | Type B / 4      |           |           |
|          | 2nd Flr         | 16                    | Type A / 6      |           |           |
|          |                 |                       | Type F / 6      |           |           |
|          |                 |                       | Type N / 4      |           |           |
|          | 3rd Flr         | 6                     | Type F          |           |           |
| 4 th Flr | 6               | Type F                |                 |           |           |
| 5th Flr  | 11              | Type F                |                 |           |           |
|          |                 | <b>57</b>             |                 |           |           |

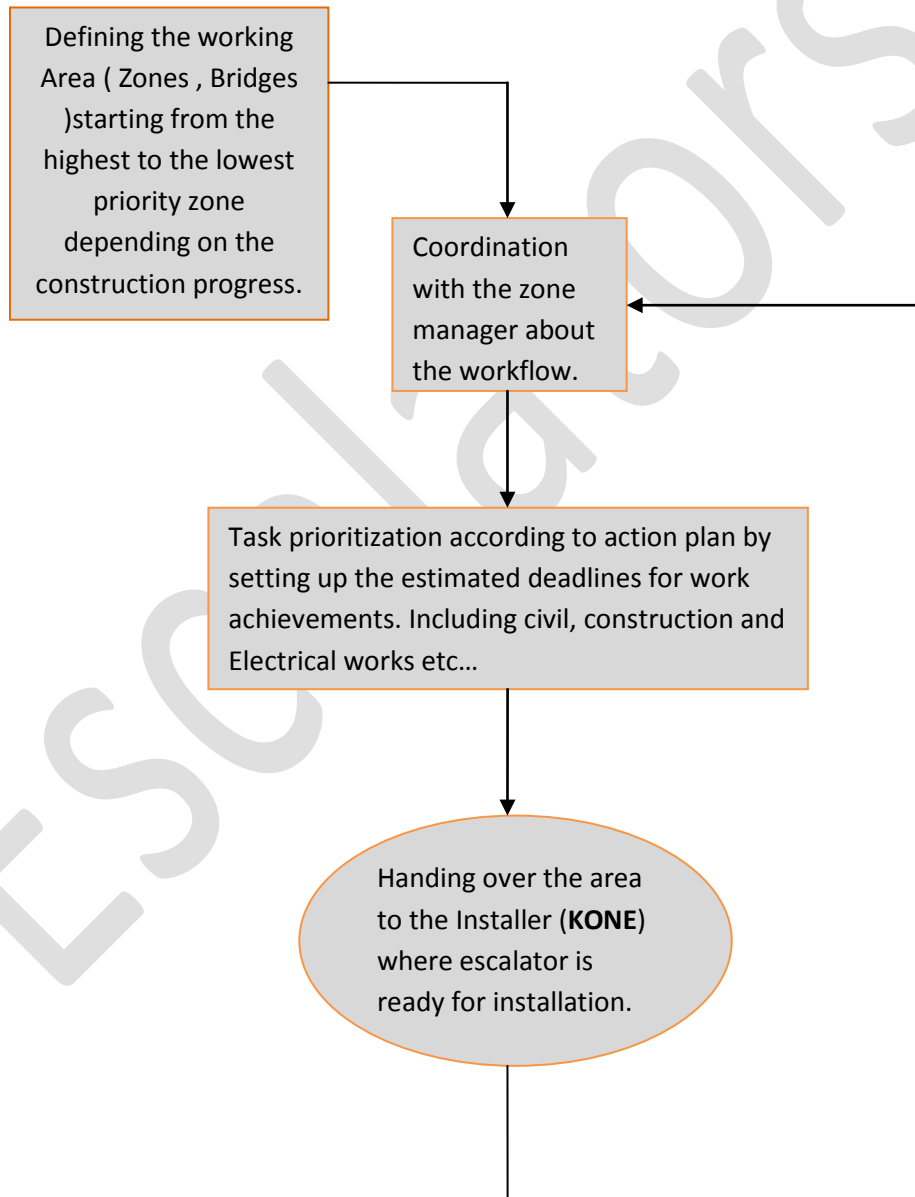
|              |  |            |                           |
|--------------|--|------------|---------------------------|
| <b>Total</b> |  | <b>145</b> | <b>Escalators \ Zones</b> |
|--------------|--|------------|---------------------------|

|              |  |            |   |
|--------------|--|------------|---|
| <b>Total</b> |  | <b>285</b> | <b>Escalators \ Bridges &amp; Zones</b> |
|--------------|--|------------|---|

PS: 11 escalators was canceled and 10 were installed giving a total of 264 pending installations.

**Workflow:**

The workflow is decisive to facilitate the work plan and steps to take in order to achieve the project goals and to avoid any confuses between the working areas and can be assigned as follow .



**Actions required :**

Resources and plans are important to finalize the work where action plan is crucial for achieving project goals and can be implemented as described in the below table .

| <b>Service Building</b>   |   |                                 |  |                                     |
|---|---|---------------------------------|--|-------------------------------------|
| <b>Action</b>   | <b>Location<br/>Zone,Bridge<br/>Flr</b> | <b>Material \<br/>Resources</b> | <b>Person \<br/>Responsible \<br/>Zone Manager</b> | <b>Estimated time<br/>to finish</b> |
| <b>1-Finalizing<br/>marble and<br/>concrete work<br/>from the<br/>highest priority<br/>zones</b>            | <b>To be<br/>provided</b>               | <b>To be<br/>provided</b>       | <b>To be provided</b>                              | <b>To be provided</b>               |
| <b>2-Finalizing<br/>work on slab<br/>including<br/>concrete<br/>formwork and<br/>plate<br/>installation</b> | <b>To be<br/>provided</b>               | <b>To be<br/>provided</b>       | <b>To be<br/>provided</b>                          | <b>To be<br/>provided</b>           |
| <b>3-Applying<br/>insulation on<br/>pit</b>   | <b>To be<br/>provided</b>               | <b>To be<br/>provided</b>       | <b>To be<br/>provided</b>                          | <b>To be<br/>provided</b>           |
| <b>4-Coring<br/>preparation for<br/>the upper level</b>   | <b>To be<br/>provided</b>               | <b>To be<br/>provided</b>       | <b>To be<br/>provided</b>                          | <b>To be<br/>provided</b>           |
| <b>5-Balustrade \<br/>Handrail<br/>leveling</b>   | <b>To be<br/>provided</b>               | <b>To be<br/>provided</b>       | <b>To be<br/>provided</b>                          | <b>To be<br/>rovided</b>            |
| <b>6-Eliminating<br/>the<br/>appearances of<br/>all impurities<br/>like , remained<br/>Steel rods on</b>    | <b>To be<br/>provided</b>               | <b>To be<br/>provided</b>       | <b>To be<br/>provided</b>                          | <b>To be<br/>provided</b>           |

|   |                       |                       |                       |                       |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>shaft</b>  |                       |                       |                       |                       |
| <b>7-Applying safety related issues in the working place</b>                  | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> |
| <b>8-Emphasis on the cleaning of all Areas (Place of work )</b>               | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> |
| <b>9-Solving the piping ending terminal and water Draining related issues</b> | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> |
| <b>10-Electrical power cable Setup</b>  | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> | <b>To be provided</b> |

**PS:** This action plan is subject for any change in case of any missing data or for any update occurs to the project workflow where deadlines and time estimation should be provided by each zone manager in which coordination should take place.

Best regards,