| **No.** | **Proposed Solution** | **Agreed Instruction** |
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| **ARCHITECTURAL V.E. LIST** |
| 1 | Are there any Precast concrete wall can reduce the thickness? |  |
| 2 | Change GRC on facade by Precast concrete |  |
| 3 | Change GRC molding with concrete molding  |  |
| 4 | Replace Wrought iron railing with Steel railing with painted. |  |
| 5 | Replace plastered gypsum ceiling to T-bar. |  |
| 6 | Change stair nosing from imported tile to Kenzai tile nosing |  |
| 7 | Change the wall skim coat to plastered and paint. |  |
| 8 | Replace some internal rooms steel doors (pump rm., garbage rm., fan rm., storage) with timber doors. Whereas FR are not applicable. |  |
| 9 | Replace shafts’ steel doors with timber doors.  |  |
| 10 | Change frameless to framed doors. |  |
| 11 | Reduce or modify aluminum stile and rail thickness from 3.0 mm to 2 mm.  |  |
| 12 | Change finishing for Alum. From powdered coat to anodized, where applicable. |  |
| 13 | Reduce windows glass thickness where applicable. |  |
| 14 | Change hardware specification to equivalent |  |
| 15 | Change imported stones to local stones |  |
| 16 | Change imported tiles to local tiles |  |
| 17 | Change swimming pool mosaic to tiled |  |
| 18 | Change pool terrace’s timber floor to Shera floor board  |  |
| 19 | Change pool terrace’s louver from timber to Shera wall board |  |
| 20 | Change balcony’s free standing glass balustrade to stainless steel railing. |  |
| 21 | Cancel light box over toilet vanity counter |  |
| 22 | Cancel column steel guard to painted |  |
| 23 | Change tiled stair to steel-trowel finish stair |  |
| 24 | Change sound absorber insulation in machine rooms. Cancel in non residence areas. |  |
| 25 | Reduce non FR wall from Full brick to half brick. |  |
| 26 | Change tile sizing from 12 x 12 in. to 8 x 8 in for garbage rooms, storages, guard house. |  |
| 27 | Door and Door Hardware (Too standard), Change to VVP? |  |
| 28 | Sanitary Wares (Reduce Spec and Model) |  |
| 29 | Any BOH room that are not need ceiling. |  |
| **STRUCTURAL V.E. LIST** |
| 1 | Reduce support by piled road to load baring road structure, in thickness and reinforcement |  |
| 2 | Reduce pile tip for small piled road structure. |  |
| 3 | Reduce reinforcement of pile caps |  |
| 4 | Reduce reinforcement of post-tension slab |  |
| 5 | Reduce reinforcement of transfer beam |  |
| 6 | Reduce reinforcement of core wall or column |  |
| **M&E V.E. LIST** |
| 1 | Change the water treatment disinfector from Ozone to Chlorination.  |  |
| 2 | Change steel conduit to UPVC conduit |  |
| 3 | Replace sprinkler head from conceal to pendent |  |
| 4 | Change copper hot water pipe to PPE pipe |  |
| 5 | Chang breaker type from “Air CB drawout& Motor Operate" to "Molded case circuit breaker fixed" in case of breaker size more than 1000Amp except main and tie breaker of each MDB still drawout type |  |
| 6 | Change LV. Main Switchboard from "Fully Type-Tested" to "Local, Type-Tested Experience" |  |
| 7 | Change CU Busduct for 0-4000A and CU Feeder for 5000A from "Original" to "Aluminum (AL)". |  |
| 8 | Change HV Main and Telephone Underground Conduit from "FRC" to "HDPE" Type. |  |
| 9 | Change Internal conduit material from "Electrical matallic tubing (EMT)" to "Unplasticized polyvinyl chloride (uPVC)" |  |
| 10 | For access control to reduce Proximity Card Reader from 2,000 no. to 1,000 no. |  |
| 11 | Change Cable tray and wireway Material from "Hot Dipped Galvanised" to "Epoxy Painted" |  |
| 12 | Cancel FM-200 Fire Protection System |  |
| 13 | Change Cold Water Pipe Material from "PE-Lined Steel Pipe" to "Poly Propylene Random Copolymer (PPR PN20)" |  |
| 14 | Change Kitchen Waste, Waste and Soil Pipe Material from "Cast Iron" to "PVC CL 8.5 (Only for Branch Pipes)" |  |
| 15 | Change Rain Leader Pipe Material from "GSP Type" to "PVC CL 8.5 ( Only inside Building Pipe)" |  |
| 16 | Change Vent Pipe Material from "GSP Type to "PVC CL 8.5 (Only for Branch Pipes)" |  |
| 17 | Change Water Drainage Pressure Pipe Material form "Cast Iron" to "PVC CL 13.5" |  |
| 18 | Change Refrigerant pipe from copper tube Type L to Type M |  |
| 19 | Change Safety switch for CDU of residental unit from "non-fuse" to "junction box" |  |
| 20 | Deduce Insulation for vertical condensate drain pipe to concealed in wall |  |
| 21 | Change pipe cover from galvanized with paint to PVC |  |
| 22 | Change condensate drain pipe Material form "GSP class M" to "PVC CL 8.5 |  |
| 23 | Cancelled black steel sheet in air duct shaft and instead of galvanized steel sheet "gauge 20" pressure duct |  |
| 24 | For PA system to cancel loud speaker at corridor of residential floor and instead of Bell alarm |  |
| 25 | Only FP & JP Controller to be UL Listed. FP & JP shall be NFPA20. |  |
| 26 | Select Light fixtures to equivalent brand. (Such as "Optex") |  |
| 27 | Change battery-back up from "Heavy duty Ni-Cd" to "Seal-lead acid type with no maintenance" |  |
| 28 | Change Automatic transfer switch from "600 Amp, 4 pole" to "600 Amp, 3 pole" |  |
| 29 | Change Tranformer from "Copper coil" to "Aluminium coil" |  |
| 30 | Change Hot water pipe material from "Copper type L with 1/2" closed cell insulation" to "Polypropylene random |  |
| 31 | Reduce fuel oil tank capacity of generator from 24hr. to 8hr. Storage. |  |
| 32 | Revise lightning system from "down conductor copper tape" to "bare copper type" |  |
| 33 | Cancel gate valve at after water side of residential unit and change type of flow control valve from "OS&Y" to "butterfly valve with supervisory" |  |
| 34 | Change High Voltage Incoming system from "Underground" to "Overhead" |  |
| 35 | Change type of CCTV camera |  |
| 36 | Change type of Control valve from OS&Y to value with supervisory |  |
| 37 | Reduce QTY. of floor drain at balcony from 2 no. to 1 no. |  |
| 38 | Change cable material for fire alarm from 2x1.5mm.2 twisted shield to 2.5mm.2 THW at Zone detector |  |