**Section B – Statement of Work**

**Goal:** The goal of the project is to ensure the area is appealing, to provide new cermaic tiles, replace damaged ceilings, improve lighting, renovate showers, repair doors and other accessories. The purpose of the project is to repair old work that has expired it’s life circle and to protect the building from possible damages.

**B.1 General**

This item includes all work associated with:

* Complete demolition of the existing wall and floor tiles, subflooring, drywall panels (without damaging profiles) and dropped ceiling panels in bathrooms and WCs;
* Complete demolition of the existing wall tiles (without damaging floors) and dropped ceiling panels in pool entrance room;
* Installing of new subflooring, drywall and dropped ceiling panels, providing and installing new floor and wall tiles in bathrooms and WCs;
* Renovation of showers, providing new drains, plumbing fixtures and valves;
* Replacement of all faucets, sinks, mirrors, bathroom accessories;
* Replacement and improvement of lighting;
* Renovation of walls and ceilings in locker rooms and halls;
* Replacing of grouts in locker rooms and halls;
* Replacement of service entrance locks;
* Renovation of doors, etc.

**B.2 List of Products, Materials, Equipment**

**B.2.1** Below listed items shall be purchased, provided and installed by Contractor. Models and specifications are indicated below. Contractor shall inform COR and get all required approvals in case s/he wants to change any material/fixture. Contractors are responsible for providing and installing all other construction, plumbing, electrical, carpentry materials or connection details/adaptors that are required to complete the project successfully.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **N** | **Item** | **Manuf.** | **Model** | **Specifications** | **Unit** | **Quan.** |
| 1 | Extra Wall Tile | European Manufacturer | Model will be chosen by COR | Tiles shall be highest possible quality on local market | m2 | 18.00 |
| 2 | Extra Floor Tile | European Manufacturer | Model will be chosen by COR | Tiles shall be highest possible quality on local market | m2 | 5.00 |
| 3 | Drain for Showers | Depot | MTS 9411-60 | 60 cm. Stainless Steel. |  | 6 |
| 4 | Floor Drain  | European Manufacturer |  | Dry with syphon. Stainless steel. For emergency use. Other details shall be chosen according to existing situation. |  | 4 |
| 5 | Wooden service entrance Locks | European Manufacturer |  | Humidity Resistant, Wooden Surface  | Unit | 2 |
| 6 | Wooden service entrance Locks with built-in panel | European Manufacturer |  | Humidity Resistant, Wooden Surface | Unit | 2 |
| 7 | Bulb for Dropped Ceiling Light Fixture | European Manufacturer |  | According to existing bulbs for the same light fixture | Unit |  |
| 8 | Humidity Resistant Light Fixture | European Manufacturer |  | LEDs, IP44, built in, 4000k, Watts shall be calculated according to room dimensions and fixture quantities | Unit | 30 |
| 9 | Extra Humidity Resistant Light Fixture | European Manufacturer |  | LEDs, IP44, built in, 4000k, Watts shall be calculated according to room dimensions and fixture quantities | Unit | 4 |
| 10 | Regular Light fixture (square) |  |  | 60x60 cm. LEDs, built in, 4000k, Watts shall be calculated according to room dimensions and fixture quantities | Unit | 8 |
| 11 | Extra Regular Light Fixture |  |  | 60x60 cm. LEDs, built in, 4000k, Watts shall be calculated according to room dimensions and fixture quantities | Unit | 2 |
| 12 | Sink | Roca | Debba – 7.3279.9.400.Y 7.3379.9.000.Y | 60 X 48 with full leg | Unit | 6 |
| 13 | Sink Faucet | Hansgrohe | 71070000 |  | Unit | 6 |
| 14 | Extra Sink Faucet | Hansgrohe | 71070000 |  | Unit | 2 |
| 15 | Sink Syphon | Damla Class | 22003103 |  | Unit | 6 |
| 16 | Rubber Connection | According to Requirements |  |  | Unit | 6 |
| 17 | Angle Valves for Sinks | Grohe | 2201800M 1/2x3/8 |  | Unit | 12 |
| 18 | Hand paper dispenser |  |  | Manual, Stainless Steel for standard paper size | Unit | 4 |
| 19 | Hair fan (Hair dryer) | Bemeta Design | 945533074 |  | Unit | 2 |
| 20 | Mirror | Juventa | SV / SV3-60 | 60x75 with built in light | Unit | 6 |
| 21 | Curtain rod |  |  | Aluminum, round, approximately 85-95 cm. wide (according to existing situation) | Unit | 6 |
| 22 | Curtain |  |  | Special for shower rooms, white, dimensions shall be calculated according to existing situation | Unit | 6 |
| 23 | Shower Faucet | Hansgrohe | Croma S240 Shower Pipe single - 27269000 |  | Unit | 6 |
| 24 | Extra Shower Faucet | Hansgrohe | Croma S240 Shower Pipe single - 27269000 |  | Unit | 2 |
| 25 | Soap Holder for Shower | Rav Slezak | Colorado COA0301 |  | Unit | 6 |
| 26 | Shelve for Shower | Bemeta Design | Double Corner 102308132 |  | Unit | 6 |
| 27 | Hook with 2 hook | Rav Slezak | Colorado COA0102 |  | Unit | 11 |
| 28 | Hook with 3x2 hook | Rav Slezak | Colorado COA0105 |  | Unit | 8 |
| 29 | Towel Rod | Rav Slezak | Colorado COA0701/45 |  | Unit | 4 |
| 30 | Toilet Mechanism Detail 1 | Alcaplast  | A08A |  | Unit | 2 |
| 31 | Toilet Mechanism Detail 2 | Alcaplast | A17 1/2 |  | Unit | 2 |
| 32 | Angle Valve for Toilet | Grohe | 22025 1/2x1/2 |  | Unit | 2 |
| 33 | Hose for Toilet |  | 0655 – 60 cm. |  | Unit | 2 |
| 34 | Toilet seat | European Manufacturer |  | High quality, according to existing toilet dimensions | Unit | 2 |
| 35 | Toilet Paper Holder | Bemeta Design | Alfa 102412012 |  | Unit | 2 |
| 36 | Toilet Brush | Bemeta Design | Omega 102313066 |  | Unit | 2 |
| 37 | Trash Bin |  |  | Metal | Unit | 4 |
| 38 | Door handles | European Manufacturer |  | High quality, proper for existing doors | Unit | 14 |
| 39 | Door frames |  |  | According to existing doors. Material and color shall be the same. | m | 9 |
| 40 | Door stopper |  |  | Floor mounted with a screw. Proper for provided doors. | Unit | 14 |

**B.2.2** Below listed items shall be removed during construction, restored and installed back. All works with these items shall be conducted by contractors.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **N** | **Item** | **Manufacturer** | **Model** | **Specifications** | **Unit** | **Quantity** |
| 1 | Toilet Fixture |  |  |  | Unit | 2 |
| 2 | Lockers |  |  |  | Unit | 16 |
| 3 | Hand dryer |  |  |  | Unit | 4 |
| 4 | Soap dispenser |  |  |  | Unit | 4 |

**B.2.3** Below listed materials (or approved equal) shall be provided by contractor and used for all construction works. It is contractor’s responsibility to calculate required quantities based on described works and given dimensions. Material models and specifications are indicated. Contractor shall inform COR and get all required approvals in case s/he wants to change any material/fixture. Contractors are responsible for providing and installing all other construction, plumbing, electrical, carpentry materials or connection details/adaptors that are required to complete the project successfully.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **N** | **Item** | **Manufacturer** | **Model** | **Remarks** |
| 1 | Wall Tile | European Manufacturer | Model will be chosen by COR | Tiles shall be highest possible quality on local market |
| 2 | Floor Tile | European Manufacturer | Model will be chosen by COR | Tiles shall be highest possible quality on local market |
| 3 | Tile Corner Element | European Manufacturer | - | Built-in, aluminum, with rounded edges |
| 4 | Tile transition strip | European Manufacturer | Model will be chosen by COR | Strip shall be aluminum and highest possible quality on local market |
| 5 | Drywall Aqua Panels | Knauf (Turkish Supplier) | GKLVO Humidity and fire resistant | Humidity resistant for walls |
| 6 | Drywall Aqua Panels profiles | Knauf (Turkish Supplier) | Double Profiles for GKLVO | Humidity resistant for walls |
| 7 | Drywall Aqua Panel | European Manufacturer | Aqua Panel. D 282 − Suspended ceiling, double-layer planking. | Humidity resistant for ceilings |
| 8 | Drywall Aqua Panel Profiles | European Manufacturer | Aqua Panel. D 282 − Suspended ceiling, double-layer planking. | Humidity resistant for ceilings |
| 9 | Ceiling molding | European Manufacturer | **-** | Design shall be checked with COR before purchasing |
| 10 | Dropped ceiling panel | European Manufacturer | **-** | The same as existing |
| 11 | Drain and water supply line pipes/fittings | European Manufacturer | **-** | High quality pipes and fittings shall be used for all required works. Contractor shall provide properly sized materials |
| 12 | Anodized Wire Mash for Subflooring | - | - | ¾ X ¾ mash with around 1,5 mm thick wires |
| 13 | Floor Screed | Products used shall be European | - | 1:3-1:4.5 ratio of cement to sharp sand. Highest quality, European materials shall be used. |
| 14 | Primer for Floor | European Manufacturer | Contractor shall provide samples and COR will choose the material | Highest possible quality found on local market |
| 15 | Hydro Insulation | Mapei (Italy) | Mapegum WPS |  |
| 16 | Hydro Insulation Tape | Mapei (Italy) | Mapeband |  |
| 17 | Adhesive (Tile Glue) | European Manufacturer | Contractor shall provide samples and COR will choose the material | Highest possible quality found on local market. Proper for the required works |
| 18 | Grout for wet areas | Mapei (Italy) | Kerapoxy Design | Color shall be suitable with tile colors |
| 19 | Grout for lockers | Mapei (Italy) | Ultracolor Plus 120 (+drop effect) | Color shall be suitable with tile colors |
| 20 | Mesh Tape | European Manufacturer | - | Thick, high quality |
| 21 | Ceiling and Wall Plastering Material | European Manufacturer | Contractor shall provide samples and COR will choose the material | Highest possible quality found on local market. Proper for the required works (for using in wet areas) |
| 22 | Primer for Ceiling and Walls | Alpina | Tiefgrund LF  | Special primer for interior |
| 23 | Ceiling Paint | Caparol Alpina | Kuche und Bad. White |  |
| 24 | Paint and varnish for door leaf | European Manufacturer | - | Highest possible quality found on local market. Proper for the required works |
| 25 | Clips for Tiles | T-Lock | Clips for tiles  | 1 mm clips shall be used for walls and 2 mm ones for floors |
| 26 | Wall Paint | Caparol Alpina | Kinder Zimmer (for children’s room) | Contractor shall take a sample from construction site and identify existing color to provide the same color for repainting |
| 27 | Silicones | European Manufacturer |  | High quality product |

**B.2.4** The contractor will provide a minimum of 3 sources of equipment with cut sheets (Specification Sheet) to replace the existing equipment with like in kind. In addition, the replacement of the existing equipment will be required to be more energy efficient and has to get an approval from CO in advance.

**B.2.5** The Contractor shall also be reimbursed for costs for any **major fixtures or appliances** ordered under the task order above and beyond items in **Section B** if additional items are required during the project. No profit shall be added to this material/equipment. All costs of materials/equipment shall be itemized on the invoice, such as purchase price of material/equipment, cost of transportation and cost of handing.

**B.3 Electrical Requirements:**

**B.3.1** Only double isolated solid copper wire shall be used for wiring (wire size shall be suitable for dedicated branch circuit).

**B.3.2** Wire size shall fallow the following sizes based on amps:

|  |  |  |  |
| --- | --- | --- | --- |
| **N** | **Wires** | **(Comparable U.S.Wire Size)** | **Amps** |
| 1 | 1.5 sq mm | (smaller than #14 AWG, 15A) | 10A |
| 2 | 2.5 sq mm | (smaller than #12 AWG, 20A) | 16A |
| 3 | 4 sq mm | (smaller than #10 AWG, 30A) | 25A |
| 4 | 6 sq mm | (smaller than #8 AWG, 50A) | 40A |
| 5 | 10 sq mm | (smaller than #6 AWG, 65A) | 50A |
| 6 | 16 sq mm | (smaller than #4 AWG, 85A) | 60A  |

**B.3.3** All electrical wire connections in junction boxes shall have wire nuts with no exposed bare wire.

**B.3.4** All interior and exterior exposed wires shall be completely covered with conduit and fastened.

**B.3.5** All electrical sockets shall have correct polarity.

**B.3.6** All built-in wires or those wires that are behind drywall/dropped ceiling panels, shall be in conduits.

**B.3.7** If any wire is damaged or new wiring is required, all works shall be completed according to existing situation (in the same way as it’s conducted now).

**B.3.8** Any electrical isolation and de-isolation prior and after electrical works must be agreed with COR in advance. Lock-out, tag-out procedures must be implemented.

**B.4 Scope of Work**

**B.4.1 Demolition, Disposal and Salvage/Re-use**

1. The Contractor shall renovate all locker rooms, WCs, bathrooms and halls symultaniously. Installation of new items shall meet all of the manufacture’s installation guidelines and specifications.
2. Before commencing demolition and installation, examine roughing-in for concrete equipment bases, anchor-bolt sizes and locations, piping, electrical connections to verify actual locations, sizes, and other conditions affecting drainage, maintenance, and operations.
3. Isolate and lock\tag out the electrical lines, water lines, ventilation in-out ducts (including dedicated rooftop unites), HVAC systems and panels, drainage/sewage system lines.
4. Construction sign shall be placed on Club House entrances and walkway side walls.
5. Construction area has to be barricaded from unauthorized personnel and workers access. All workers shall be escorted.
6. Temporarily electrical power supply and illumination shall be placed for construction activities in all working areas. At least one illumination shall be provided per room.
7. Protect all walls, floors, ceilings and furniture with special material.
8. Demo, label and store all accessories.
9. Demo, label and store 2 toilets, 6 shower pads, 6 sinks, lockers, cabinets, all furniture, mirrors and etc.
10. Demo, label and store all faucets.
11. Demo, label and store all light fixtures, outlets, switches and etc.
12. Demo, label and store service entrance halls.
13. Demo, label and store supply/exhaust panels. Isolate/cover HVAC lines to protect system from dust and rubbish.
14. Demo and dispose existing wall and floor tiles in bathrooms, WCs and pool entrance room. Floor area is – 28 m2, wall are is – 173 m2;
15. Demo and dispose subflooring but the foundating/structual footing and all plumbing (supply, drain) lines are not to be touched/removed or damaged in bathrooms and WCs. Area is – 28 m2. In case anything is damages, it will be contractor’s responsibility to fix the damage;
16. Demo and dispose existing wall drywall panels only in WCs and bathrooms so that profiles, other side of drywall panels and doors or other details were not damaged. Area is – 32 m2. In case anything is damages, it will be contractor’s responsibility to fix the damage;
17. Leave existing tiles and walls in other rooms (halls, locker rooms) untouched and undamaged. In case of damaging, it will be contractor’s responsibility to provide and install same type of new material;
18. Demo and dispose existing ceiling drywall panels and profiles in locker rooms and WCs. Area is – 44.5 m2;
19. Demo and dispose dropped ceiling panels and profiles in shower rooms and pool entrance room. Area is – 35.5 m2;

**B.4.2 New Installation**

1. Ensure the drains and utility lines that may run under the floor surface or behind drywall panels/walls are protected and don’t have any damages;
2. Strengthen all places where accessories, mirrors, faucets, curtain rods, service entrance locks, light fixtures and other materials will be installed on walls and ceilings.
3. Prepare shower floor. Area is – 5.4 m2:
	1. Remove subflooring and old sand/Remove concrete at around 50 mm depth so that you get flat surface;
	2. Assamble formwork properly;
	3. Put all required drain lines and plumbing connections;
	4. Test all drain lines before and after pouring concrete to make sure there are no damages/leakages;
	5. Install structural grade or better rebar that is at least ½ in diamater (number 4)
	6. The rebar will be placed on at least 10 cm grid.
	7. Pour minimum of 4,000 psi strenght concrete;
	8. Treat concrete properly and wait until it’s fully dry;
	9. Make shower studs (forehead) with brick or power it with concrete together with shower floor;
	10. Shower floor slope shall be 2%. Drain shall be located on the back wall side;
	11. Height of shower floor shall be calculated according to existing drain pipe location and the required floor slope (2%). Shower studs (foreheads) shall be 10 cm. higher than shower floor.
4. Prepare and install new subflooring according to the existing situation. Please take into consideration, that existing floor layers are unknown for us and it will be contractor’s responsibility to accurately make all demolition works, take all required measurements and go through the possible solutions with COR. Contractors can continue working only after getting all required approvals from CO. Area is – 28 m2.
	1. In case there is sand below floor screed:
		1. Remove subflooring and old sand;
		2. Remove all old dirt and materials;
		3. Install room drain and make all required connections;
		4. Place silica sand on top of the slab. Layer depth shall be proper to existing situation.
		5. Install anodized wire mash (indicated in approved material list);
		6. Install floor screed with a 1:3-1:4.5 ratio of cement to sharp sand. Thickness shall be 70 mm.
	2. In case tiles are directly installed on a slab:
		1. Remove concrete at around 50-100 mm depth so that you get flat surface;
		2. Go over the surface with a wire brush to rough it up to help the new concrete adhere to the old;
		3. Clean the surface properly;
		4. Water the old concrete to prevent it from absorbing moisture from the new concrete;
		5. Install room drain and make all required connections.
5. Remodel water supply lines in showers so that new, 6 shower faucets (ones indicated in approved material list) were installed. Provide and install all required connections and adaptors;
6. Test water supply lines under 5 times operating pressure and leave it for min. 24 hours. Make suer there are no damages and leaking before you continue working;
7. Provide and install new, humidity resistant, drywall panels on walls in showers and WCs (on the same locations, where drywalls were removed). Area is - 32 m2;
8. On those places where tiles were installed directly on block walls do the following (The area is – 141 m2):
	1. Go over the surface with a wire brush to rough it up;
	2. Clean the surface properly.
9. Apply minimum two layers of hydro insulation on the whole floors and walls properly. Area is – 201 m2.
10. Apply hydro insulation tape around all corners/connections (wall and wall, wall and floor connections). Length is approximately 83 m.
11. Apply floor/wall primer. Area is – 201 m2.
12. Furnish and install new floor and wall tiles. Wall area is - 173 m2 and floor area is – 28 m2. Check specifications for approved tiles first. For tile layout, get an approval from COR before you start installation:
	1. **General -** Before tile installation begins, the installer is responsible for checking the tile for obvious visual defects. Cartons and pallets of tile must be blended to achieve an aesthetic blend. Comply with applicable parts of ANSI A-108 Series for ceramic tile installation. Extend tile work into recesses, and under and behind equipment and fixtures except where otherwise shown. Fit tile to electrical outlets, piping, fixtures and other penetrations so that plates, collars or covers overlap tile. Joints shall align vertically and horizontally between trim and field tile. Grout tile to comply with reference installation standards using grout materials indicated.
	2. **Surface Preparation -** Make sure surface is clean, smooth, dry and free of wax, soap scum and grease. Remove any moldings, trim, appliances, or anything that could interfere with installation.
	3. **Layout -** Mark the center point of all four walls. Snap chalk lines between the center points of opposite walls (adjust if necessary). Using tile spacers, lay out a row of loose tiles alone the center lines in both directions. Tiles on walls shall be symetrical to the vertical, central line of each wall. Tiles on floors shall be symetrical to a central point of floor. Leave space for uniform joints. Divide the room into smaller grids (approx. 2 ft x 3 ft) by snapping additional lines parallel to center lines.
	4. **Applying Adhesive -** Mix only enough adhesive or mortar to be used within 30 minutes. Using the type of trowel recommended on the adhesive package, spread a 1/4 in. coat on the surface of one grid area, using the flat side of the trowel. Use the notched side of trowel to comb adhesive into standing ridges by holding trowel at a 45° angle. Remove excess adhesive, leaving a uniform, ridged setting bed. For large format tiles, butter the backside of the tile to ensure proper full-coverage. Use a medium bed mortar for tiles with a dimensional length greater than 15 inches on any one side.
	5. Provide and install approved transition strips between different tile connections;
	6. **Cutting Tile -** Carefully measure tiles and mark with a pencil or felt-tip pen. Make straight or diagonal cuts with a tile cutter, curved cuts with a nipper (chipping away small pieces for best results), and full-length curve cuts with a rod saw. Smooth out sharpcut edges with a carborundum stone.
	7. **Setting Tile -** Install tiles in the center, one grid at a time. Finish each grid before moving to the next. Start with the first tile in the corner of the grid and work outward. Set tiles one at a time using a slight twisting motion. NOTE: Don’t slide tiles into place. As each tile is set, insert tile leveler clips and spaces as described below for equal joints between tiles and flat surface. Fit perimeter tiles in each grid last, leaving 1/4 in. gap between tile and wall. When finished, tap in all tiles with a rubber mallet or hammer and wood block, to ensure a good bond and level plane. Remove excess adhesive from joints with a putty knife, and from tile with a damp sponge.
	8. **Leveling Clips** - Use tile leveling clips (listed in the approved material list) for proper installation. Tile leveling clips shall be used next to each tile to tile connection (at least two clips on each side of tile). Use 1,0 mm clips for walls and 2,0 mm clips for floor tiles. Use tile spacers (X shaped) in each corner. 1,0 mm spacers shall be used for wall tiles and 2.0 mm spacers for floor tiles.
	9. Install built-in, rounded, aluminum tile corner elements on all external corners. Total length of corner element is – 98 m.
	10. Wall tiles shall come on top of floor tiles (Intersection shall be at least 8 mm. deep).
	11. **Grouting** - Clean all tile-to-tile connections accurately and apply grout that is indicated in approved material list properly. Go through all connections one more time and add grout ifit’s missing anywhere.
	12. **Initial Cleaning -** The complete removal of grout and construction dirt after products have been installed will improve daily maintenance. Clean successfully by scrubbing the installation with hot water and a pH neutral liquid cleaner (soapless), followed by a thorough rinsing, then remove the rinse water with a wet vacuum or dry toweling. If some residue remains, further cleaning will need to be done in consultation with the grout manufacturer. For more aggressive cleaning, floor scrubbing machines equipped with nylon pads or brushes should be used. Wet vacuuming of the suspended dirt and grout is recommended.
	13. **Finished Floors -** Leave finished installation free of cracked, chipped, broken, unbonded or otherwise defective tile work. Protect all floor tile installations with kraft paper or other heavy covering during construction period to prevent staining or damage**. No foot or wheel traffic permitted on floor for at least 7 days after grouting.**
13. Replace existing floor and baseboard grouting with a new one in locker rooms, halls and pool entrance room. Removal of existing grouting shall be conducted with special equipment. In case of damaging tiles, it will be contractors responsibility to fix the damage (or replace tiles) properly. Total area is – 85 m2;
14. Install new, humidity resistant, drywall profiles and panels on ceilings in lockers, bathrooms, WCs and pool entrance room. Area is – 80 m2;
15. Replace wooden service entrance halls with the indicated material in locker rooms. Dimensions shall be the same. Quantity is - 2;
16. Replace wooden service entrance halls with the indicated material in a back hall. Clean and install the existing panels in a new wooden entrance locks properly. Locations of built-in panels and dimensions of entrance locks shall be the same. Quantity is - 2;
17. Install new ceiling mouldings in locker rooms. Length is – 40 m;
18. Plaster all ceilings and walls with approved material. All cracks shall be sealed properly. For sealing use approved mesh tape (in all drywall panel connectiones as well as in cracked and damaged areas). Ceiling area is – 90 m2 and wall area is – 140 m2;
19. Apply prime on all ceilings, ceiling mouldings and walls. Ceiling area is – 90 m2 and wall area is – 140 m2;
20. Repaint all ceilings, mouldings and walls with at least two coats of paint (make three coats if required) to get plain color. Ceiling area is – 90 m2 and wall area is – 140 m2;
21. Replace damaged dropped ceiling panels in a back hallway – 12 units;
22. Provide and install new, humidity resistant, ceiling light fixtures in WCs and Bathrooms. Quantity is – 30 units;
23. Provide and install new light fixtures in locker rooms and halls. Quantity is – 8 units;
24. Replace burnt our bulbs in a back hall – for two light fixtures;
25. Clean existing HVAC diffusers and registers/fancoil panels properly with special chemicals and install on the same location as they were installed before;
26. Clean properly and reinstall exhaust panel covers in bathrooms and WCs. Quantity is – 8 units;
27. Renovate and re-use existing doors with wood texture. Quantity is – 9 units:
	1. Restore/provide new door frames where tey are missing;
	2. Restore (sand and varnish) door frames and leafes;
	3. Replace door handles;
	4. Restore and clean hindges with anti corrosion cleaner;
	5. Adjust all doors.
28. Renovate and re-use existing PVC doors. Quantity is – 5 units:
	1. Restore door frames and leafes;
	2. Replace door handles;
	3. Restore and clean hindges with anti corrosion cleaner;
	4. Provide door closer (for one PVC door);
	5. Adjust all doors.
29. Provide and install door stoppers for 14 doors.

**B.4.3 Installation of Appliances/Fixtures/Accessories**

1. Provide and replace the seat of the toilet fixture (2 units);
2. Provide and replace toilet water tank mechanisms and water supply hoses with angle valves (for 2 toilet fixtures);
3. Install the same, two toilets that were installed before. Use silicone for and after instalation properly;
4. Provide and install 6 new sinks with 6 faucets and all required details in WCs and bathrooms. Apply silicone properly on the connection of sinks and walls;
5. Provide and install 6 new mirrors with light fixtures (all electrical connections shall be in junction boxes and be covered);
6. Provide and install all accessories that are listed in approved material list (soap holders, shelves, towel rods, hooks, toilet paper holders, trash bins, etc.);
7. Provide and install 6 shower faucets with the whole complex;
8. Provide and install 6 curtain rods and 6 curtains;
9. Before finishing works, make sure that silicones are applied properly around sinks, toilet fixtures, etc. and there are no leaks anywhere;
10. Reinstall existing 4 hand dryers, 4 soap dispensers, 16 lockers, seats, etc.

**B.4.4 Cleanup, Finish of all Works**

1. Remove all tools and extra material;
2. Remove electrical isolation under COR supervision;
3. Make final, general cleaning of all floors, walls, ceilings and fixtures/accessories properly with non-hazardous materials;
4. Put all furniture and accessories back on place;
5. Provide extra, labeled materials;
6. Go through removed and stored items with CO and disposed those that are no more needed.

**END OF SECTION**