WAYNE STATE UNIVERSITY

PHYSICS BUILDING
FLOORING & CEILING REFRESH

FOR BIDDING
WSU PROJECT REQUEST: 003-343167

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1. SCOPE: AS INDICATED IN DRAWINGS.
2. PRE DEMO WALK-THROUGH IS REQUIRED TO VERIFY SITE MEASUREMENTS, ACTUAL EXTENT OF DEMOLITION PRIOR TO BID. DO NOT REly SOLELY ON THE DRAWINGS FOR DEMOLITION SCOPE.
3. TAKE PRECAUTIONS TO PREVENT CATASTROPHIC OR UNCONTROLLED COLLAPSE OF STRUCTURES TO BE REMOVED. DO NOT ALLOW WORKER OR PUBLIC ACCESS WITHIN RANGE OF POTENTIAL COLLAPSE OF UNSTABLE STRUCTURES.
4. PROTECT EXISTING STRUCTURES AND OTHER ELEMENTS THAT ARE NOT REMOVED. PROVIDE, ERECT AND MAINTAIN TEMPORARY BARRIERS, DUST PROOF PARTITIONS AS REQUIRED.
5. BEGINNING OF DEMOLITION WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS THAT WOULD BE APPARENT UPON EXAMINATION PRIOR TO STARTING DEMOLITION.
6. REMOVE, STORE, AND REINSTALL ALL OWNER'S EQUIPMENT FOR OWNER REUSE. WIFI EXTENDERS TO BE REMOVED/STORED/REINSTALLED BY CONTRACTOR BUT COORDINATED WITH WSU C&IT SO THEY CAN DEACTIVATE/REACTIVATE.
7. REMOVE ALL DEBRIS, DUST AND DIRT, VACUUM ACCESS CORRIDORS AT THE END OF EACH DAY, AT A MINIMUM.
8. CONTROL NOISE, VIBRATION, AND ANY OTHER DISTURBING FACTORS, COORDINATE WORK HOURS WITH OWNER PRIOR TO PROCEEDING WITH THE WORK.
9. SCHEDULE ALL DEMOLITION AND CONSTRUCTION WORK WITH DESIGNATED OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION OF BUILDING ACTIVITIES.
DEMOLITION RCP, SECOND FLOOR  
PHYSICS BUILDING -003

DEMOLITION LEGEND

**DEMOLISH EXISTING SPLINE CEILING IN HALLWAY & LOBBY AREA & RETAIN THE GYPSUM DROP**

- **REMOVAL**
  - REMOVE EXISTING (44) LIGHT FIXTURES, TYP
  - REMOVE EXISTING (22) ROUND CFL LIGHT FIXTURES, TYP
  - REMOVE EXISTING (1) SMOKE DETECTOR AND SALVAGE
  - REMOVE EXISTING (14) WIFI EXTENDERS AND SALVAGE
  - RETAIN GYPSUM DROP

**SCOPE EXTENT**

- **REMOVE CEILING MOUNTED LF, TYP**

**DEMO NOTES**

1. **SCOPE:** AS INDICATED IN DRAWINGS.
2. **PRE DEMO WALK THROUGH IS REQUIRED TO VERIFY SITE MEASUREMENTS, ACTUAL EXTENT OF DEMOLITION PRIOR TO BID. DO NOT RELY SOLELY ON THE DRAWINGS FOR DEMOLITION SCOPE.**
3. **TAKE PRECAUTIONS TO PREVENT CATASTROPHIC OR UNCONTROLLED COLLAPSE OF STRUCTURES TO BE REMOVED. DO NOT ALLOW WORKER OR PUBLIC ACCESS WITHIN RANGE OF POTENTIAL COLLAPSE OF UNSTABLE STRUCTURES.**
4. **PROTECT EXISTING STRUCTURES AND OTHER ELEMENTS THAT ARE NOT REMOVED. PROVIDE, ERECT AND MAINTAIN TEMPORARY BARRIERS, DUST PROOF PARTITIONS AS REQUIRED.**
5. **BEGINNING OF DEMOLITION WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS THAT WOULD BE APPARENT UPON EXAMINATION PRIOR TO STARTING DEMOLITION.**
6. **REMOVE, STORE, AND REINSTALL ALL OWNER EQUIPMENT FOR OWNER REUSE. WIFI EXTENDERS TO BE REMOVED/STORED/REINSTALLED BY CONTRACTOR BUT COORDINATED WITH WSU C&IT SO THEY CAN DEACTIVATE/REACTIVATE.**
7. **REMOVE ALL DEBRIS, DUST AND DIRT, VACUUM ACCESS CORRIDORS AT THE END OF EACH DAY, AT A MINIMUM.**
8. **CONTROL NOISE, VIBRATION, AND ANY OTHER DISTURBING FACTORS, COORDINATE WORK HOURS WITH OWNER PRIOR TO PROCEEDING WITH THE WORK.**
9. **SCHEDULE ALL DEMOLITION AND CONSTRUCTION WORK WITH DESIGNATED OWNERS REPRESENTATIVE TO MINIMIZE DISRUPTION OF BUILDING ACTIVITIES.**
1. **SCOPE**: As indicated in drawings.
2. **PRE DEMO WALK THROUGH** is required to verify site measurements, actual extent of demolition prior to bid. Do not rely solely on the drawings for demolition scope.
3. **TAKE PRECAUTIONS TO PREVENT CATASTROPHIC OR UNCONTROLLED COLLAPSE OF STRUCTURES TO BE REMOVED**. Do not allow worker or public access within range of potential collapse of unstable structures.
4. **PROTECT EXISTING STRUCTURES AND OTHER ELEMENTS THAT ARE NOT REMOVED**. Provide, erect and maintain temporary barriers, dust proof partitions as required.
5. **BEGINNING OF DEMOLITION WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS THAT WOULD BE APPARENT UPON EXAMINATION PRIOR TO STARTING DEMOLITION**.
6. **REMOVE, STORE, AND REINSTALL ALL OWNER'S EQUIPMENT FOR OWNER REUSE**. WIFI extenders to be removed/stored/reinstalled by contractor but coordinated with WSU C&IT so they can deactivate/reactivate.
7. **REMOVE ALL DEBRIS, DUST AND DIRT, VACUUM ACCESS CORRIDORS AT THE END OF EACH DAY, AT A MINIMUM**.
8. **CONTROL NOISE, VIBRATION, AND ANY OTHER DISTURBING FACTORS, COORDINATE WORK HOURS WITH OWNER PRIOR TO PROCEEDING WITH THE WORK**.
9. **SCHEDULE ALL DEMOLITION AND CONSTRUCTION WORK WITH DESIGNATED OWNERS REPRESENTATIVE TO MINIMIZE DISRUPTION OF BUILDING ACTIVITIES**.

**DEMO NOTES**

- Remove existing (44) light fixtures, TYP
- Remove existing (22) round CFL light fixtures, TYP
- Remove existing (1) smoke detector and salvage
- Remove existing (4) exit signage and salvage
- Remove existing (10) WIFI extenders and salvage
- Retain gypsum drop

**DEMOLITION LEGEND**

- **Scope Extent**
- **Wall mounted light fixtures**

**DEMO EXTENT**

- Retain the gypsum drop
- Exit signage to be removed and salvaged
- Light fixtures, TYP, to be removed
- WIFI extenders, TYP, to be removed and salvaged
- Smoke detector, TYP, to be removed and salvaged
- Retain the gypsum drop
- Exit signage to be removed and salvaged
- Light fixtures, TYP, to be removed
- WIFI extenders, TYP, to be removed and salvaged
- Smoke detector, TYP, to be removed and salvaged
- Retain the gypsum drop
- Exit signage to be removed and salvaged
- Light fixtures, TYP, to be removed
- WIFI extenders, TYP, to be removed and salvaged
- Smoke detector, TYP, to be removed and salvaged
- Retain the gypsum drop
- Exit signage to be removed and salvaged
- Light fixtures, TYP, to be removed
- WIFI extenders, TYP, to be removed and salvaged
- Smoke detector, TYP, to be removed and salvaged
- Retain the gypsum drop
- Exit signage to be removed and salvaged
- Light fixtures, TYP, to be removed
- WIFI extenders, TYP, to be removed and salvaged
- Smoke detector, TYP, to be removed and salvaged
- Retain the gypsum drop
- Exit signage to be removed and salvaged
1. Existing floor has ACM. Abatement shall be done by University.
2. All dimensions shown are for reference only. Contractor is responsible to verify all measurements in field.
3. WSU will remove all loose furniture and other items that would impede work.
4. Work will be conducted in an occupied building/regular hours. Noisy work to be planned for minimal impact. Contact with the occupants should be minimal.
5. WSU does not provide parking. Cost of parking is contractor's responsibility.
6. Any additional work requested must be approved by WSU Project Manager in writing.
7. Contractor is responsible for cleanup.
8. Install transition strip between newly installed flooring and adjoining flooring.
9. Final finish flooring height to match adjoining flooring.

General Notes:
- Prepare existing floor and polish concrete to level 3, semi-polished with 800 - grit or higher diamond abrasive. Medium to high Polish sheen level. Class C - medium aggregate with approximate surface cut depth.
- Wall base - Johnsonite 4" straight black color.

Scope Extent:
- Alternate No. 1 - Polish the existing terrazo tile.

Polish the terrazo tile (alternate cost)

Retain the existing terrazo tile

Finish with concrete polish

Finish with concrete polish
FINISH WITH CONCRETE POLISH

PREPARE EXISTING FLOOR AND POLISH CONCRETE TO LEVEL 3, SEMI-POLISHED WITH 800 - GRIT OR HIGHER DIAMOND ABRASIVE. MEDIUM TO HIGH POLISH SHEEN LEVEL. CLASS C - MEDIUM AGGREGATE WITH 1 8 APPROXIMATE SURFACE CUT DEPTH.

WALL BASE - JOHNSONITE 4" STRAIGHT BLACK COLOR.

EXISTING FLOOR HAS ACM. ABATEMENT SHALL BE DONE BY UNIVERSITY.

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL MEASUREMENTS IN FIELD.

WSU WILL REMOVE ALL LOOSE FURNITURE AND OTHER ITEMS THAT WOULD IMPED WORK.

WORK WILL BE CONDUCTED IN AN OCCUPIED BUILDING/REGULAR HOURS. NOISY WORK TO BE PLANNED FOR MINIMAL IMPACT. CONTACT WITH THE OCCUPANTS SHOULD BE MINIMAL.

WSU DOES NOT PROVIDE PARKING. COST OF PARKING IS CONTRACTOR'S RESPONSIBILITY.

ANY ADDITIONAL WORK REQUESTED MUST BE APPROVED BY WSU PROJECT MANAGER IN WRITING.

CONTRACTOR IS RESPONSIBLE FOR CLEANUP.

INSTALL TRANSITION STRIP BETWEEN NEWLY INSTALLED FLOORING AND ADJOINING FLOORING.

FINAL FINISH FLOORING HEIGHT TO MATCH ADJOINING FLOORING.
Prepares existing floor and polish concrete to Level 3, semi-polished with 800-grit or higher diamond abrasive. Medium to high polish sheen level. Class C - medium aggregate with 4/8" approximate surface cut depth. Wall base - Johnsonite 4" straight black color.

Scope Extent

General Notes

1. Existing floor has ACM. Abatement shall be done by University.
2. All dimensions shown are for reference only. Contractor is responsible to verify all measurements in field.
3. WSU will remove all loose furniture and other items that would impede work.
4. Work will be conducted in an occupied building/regular hours. Noisy work to be planned for minimal impact. Contact with the occupants should be minimal.
5. WSU does not provide parking. Cost of parking is contractor's responsibility.
6. Any additional work requested must be approved by WSU Project Manager in writing.
7. Contractor is responsible for cleanup.
8. Install transition strip between newly installed flooring and adjoining flooring.
9. Final finish flooring height to match adjoining flooring.
1. PRE DEMO WALK THROUGH IS REQUIRED.
2. BUILDING IS OCCUPIED DURING CONSTRUCTION, WORK TO BE SCHEDULED AROUND CLASSES.
3. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL MEASUREMENTS IN FIELD.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BARRICADES/ENCLOSURES AS REQUIRED TO ASSURE PUBLIC, CONTRACTOR, EMPLOYEE, AND WORKER PROTECTION AT AREAS OF CONSTRUCTION.
5. WSU DOES NOT PROVIDE PARKING. COST OF PARKING IS CONTRACTORS RESPONSIBILITY.
6. ANY ADDITIONAL WORK REQUESTED MUST BE APPROVED BY WSU PROJECT MANAGER IN WRITING.
7. CONTRACTOR IS RESPONSIBLE FOR CLEANUP. WORK AREA MUST BE LEFT IN CLEAN CONDITION AS IT WAS PRIOR TO START OF WORK.

REFLECTED CEILING PLAN- FIRST FLOOR
(PHYSICS BUILDING -003)

REFLECTED CEILING LEGEND
NEW 2'X2' CEILING TILES & GRID
ARMSSTRONG/EQUIVALENT MAKE
1'X4' LED LIGHT FIXTURE - 31.46 LUM.WATTS.
3500K TEMPERATURE
METALUX/LAVATRON/EQUIVALENT
EL-EMERGENCY LIGHTS
REINSTALL (1) SMOKE DETECTOR
REINSTALL (4) EXIT SIGNAGE
REINSTALL (10) WIFI EXTENDERS
REPLACE CEILING MOUNTED LF, TYP
METALUX/ARGO/EQUIVALENT LED LF.
REPLACE CEILING MOUNTED LF, TYP
REINSTALL WIFI EXTENDERS, SMOKE DETECTORS, DIFFUSERS.
REPLACE 5 WALL MOUNTED LIGHT FIXTURES & 5 CEILING MOUNTED LIGHT FIXTURES IN STAIRCASE AREA.
RETAIN THE GYPSUM DROP
SCOPE EXTENT
ALTERNATE NO.2- CONSIDER MOTION/OCCUPANCY SENSORS (12) FOR LF/ELECTRICAL WIRING

GENERAL NOTES
ARMSTRONG DUNE (1774) / EQUIVALENT TEGULAR EDGE CEILING TILES / WHITE COLOR / GRID- PRELUDE XL EXPOSED TEE / REINSTALL SMOKE DETECTORS, DIFFUSERS.
REINSTALL WIFI EXTENDERS, SMOKE DETECTORS, DIFFUSERS. REINSTALL FIRE EXIT SIGNAGE IN EACH FLOOR.
REPLACE 5 WALL MOUNTED LIGHT FIXTURES & 5 CEILING MOUNTED LIGHT FIXTURES IN STAIRCASE AREA.

NEW GRID & TILE TO BE DONE
EXIT SIGNAGE TO BE INSTALLED
REINSTALL WIFI EXTENDERS
EXIT SIGNAGE TO BE INSTALLED
REPLACE CEILING MOUNTED LF, TYP METALUX/ARGO/EQUIVALENT LED LF.
NEW 2'X2' CEILING TILES & GRID.
ARMSTRONG / EQUIVALENT MAKE
2'X2' TEGULAR EDGE CEILING TILE, CLASS A, WHITE COLOR / GRID - PRELUDE XL EXPOSED TEE
REINSTALL (1) SMOKE DETECTOR, DIFFUSERS.
REINSTALL WIFI EXTENDERS.
REPLACE 5 WALL MOUNTED LIGHT FIXTURES & 5 CEILING MOUNTED LIGHT FIXTURES IN STAIRCASE AREA.

GENERAL NOTES
1. PRE DEMO WALK THROUGH IS REQUIRED.
2. BUILDING IS OCCUPIED DURING CONSTRUCTION, WORK TO BE SCHEDULED AROUND CLASSES.
3. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL MEASUREMENTS IN FIELD.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BARRICADES/ENCLOSURES AS REQUIRED TO ASSURE PUBLIC, CONTRACTOR, EMPLOYEE, AND WORKER PROTECTION AT AREAS OF CONSTRUCTION.
5. WSU DOES NOT PROVIDE PARKING. COST OF PARKING IS CONTRACTOR'S RESPONSIBILITY.
6. ANY ADDITIONAL WORK REQUESTED MUST BE APPROVED BY WSU PROJECT MANAGER IN WRITING.
7. CONTRACTOR IS RESPONSIBLE FOR CLEANUP. WORK AREA MUST BE LEFT IN CLEAN CONDITION AS IT WAS PRIOR TO START OF WORK.

ALTERNATE NO-2 - CONSIDER OCCUPANCY SENSORS (12) # ELECTRICAL WIRING FOR ALL LIGHT FIXTURES

GENERAL NOTES
1. PRE DEMO WALK THROUGH IS REQUIRED.
2. BUILDING IS OCCUPIED DURING CONSTRUCTION, WORK TO BE SCHEDULED AROUND CLASSES.
3. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL MEASUREMENTS IN FIELD.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BARRICADES/ENCLOSURES AS REQUIRED TO ASSURE PUBLIC, CONTRACTOR, EMPLOYEE, AND WORKER PROTECTION AT AREAS OF CONSTRUCTION.
5. WSU DOES NOT PROVIDE PARKING. COST OF PARKING IS CONTRACTOR'S RESPONSIBILITY.
6. ANY ADDITIONAL WORK REQUESTED MUST BE APPROVED BY WSU PROJECT MANAGER IN WRITING.
7. CONTRACTOR IS RESPONSIBLE FOR CLEANUP WORK AREA MUST BE LEFT IN CLEAN CONDITION AS IT WAS PRIOR TO START OF WORK.

GENERAL NOTES

NEW 2'x2' CEILING TILES & GRID. ARMSTRONG /EQUIVALENT MAKE

2'x2' REGULAR EDGE CEILING TILE, CLASS A, WHITE COLOR. GRID- PRELUDE XL EXPOSED TEE /

REINSTALL SMOKE DETECTORS, DIFFUSERS.

REPLACE 3 WALL MOUNTED LIGHT FIXTURES & 5 CEILING MOUNTED LIGHT FIXTURES IN STAIRCASE AREA.

NEW 2'x2' CEILING TILES & GRID. ARMSTRONG /EQUIVALENT MAKE

1'x4' LED LIGHT FIXTURE - 31.48 LUM. WATTS 3500K TEMPERATURE. METALUX/LAVATRON/EQUIVALENT EL- EMERGENCY LIGHTS

REINSTALL (1) SMOKE DETECTOR

REINSTALL (4) EXIT SIGNAGE

REINSTALL (10) WIFI EXTENDERS

GYPSUM DROP SCOPE EXTENT

WALL MOUNTED LF, TYP METALUX S5LED /EQUIVALENT ALTERNATE NO-2- CONSIDER OCCUPANCY SENSORS (1.2) # ELECTRICAL WIRING FOR ALL LIGHT FIXTURES

REINSTALLED WIFI EXTENDERS

REINSTALL WIFI EXTENDERS

EXIT SIGNAGE TO BE INSTALLED

EXIT SIGNAGE TO BE INSTALLED

EXIT SIGNAGE TO BE INSTALLED