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# SINDH SECONDARY EDUCATION IMPROVEMENT PROJECT

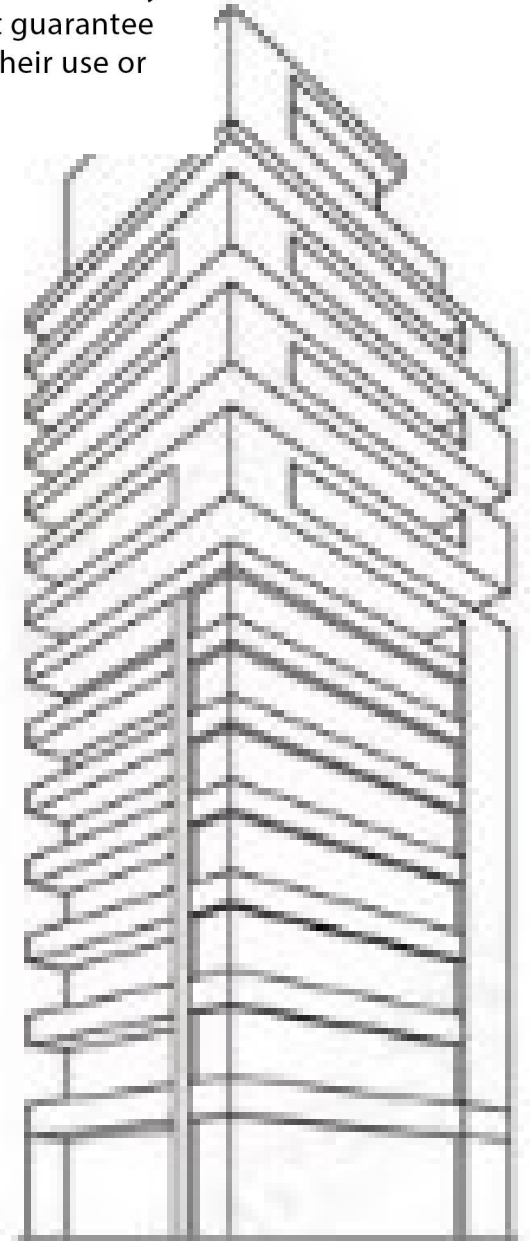
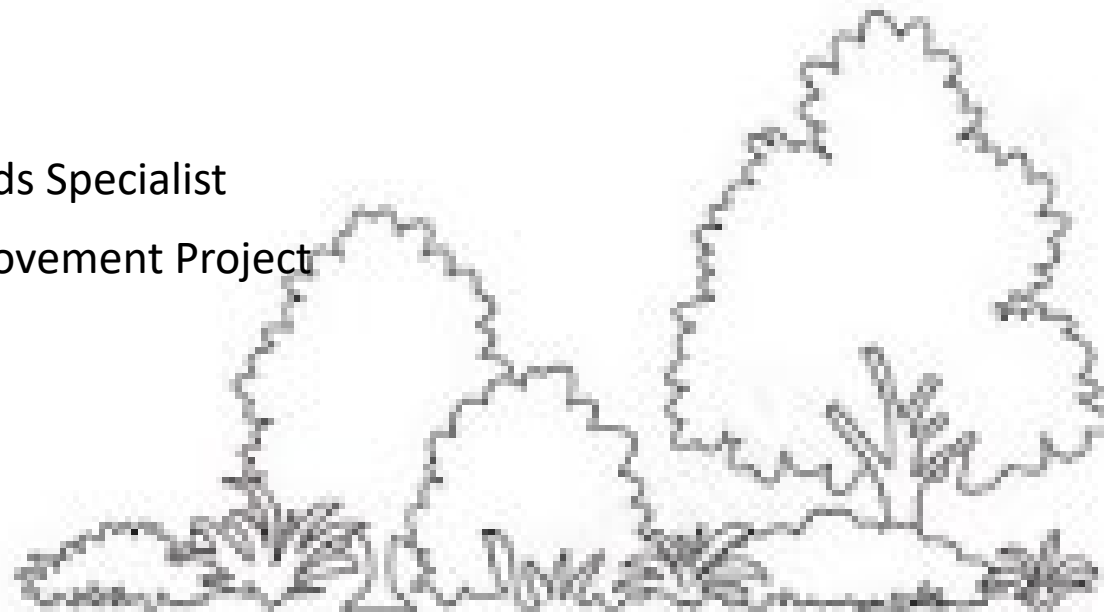
## HEALTH & SAFETY CHALLENGES AND OPPORTUNITIES

August 2024

Tufail Ali Zubedi

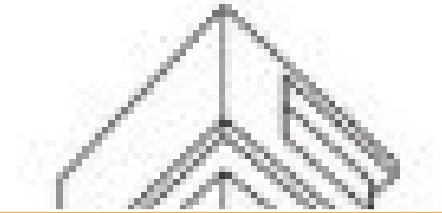
Environmental & Social Safeguards Specialist

Sindh Secondary Education Improvement Project



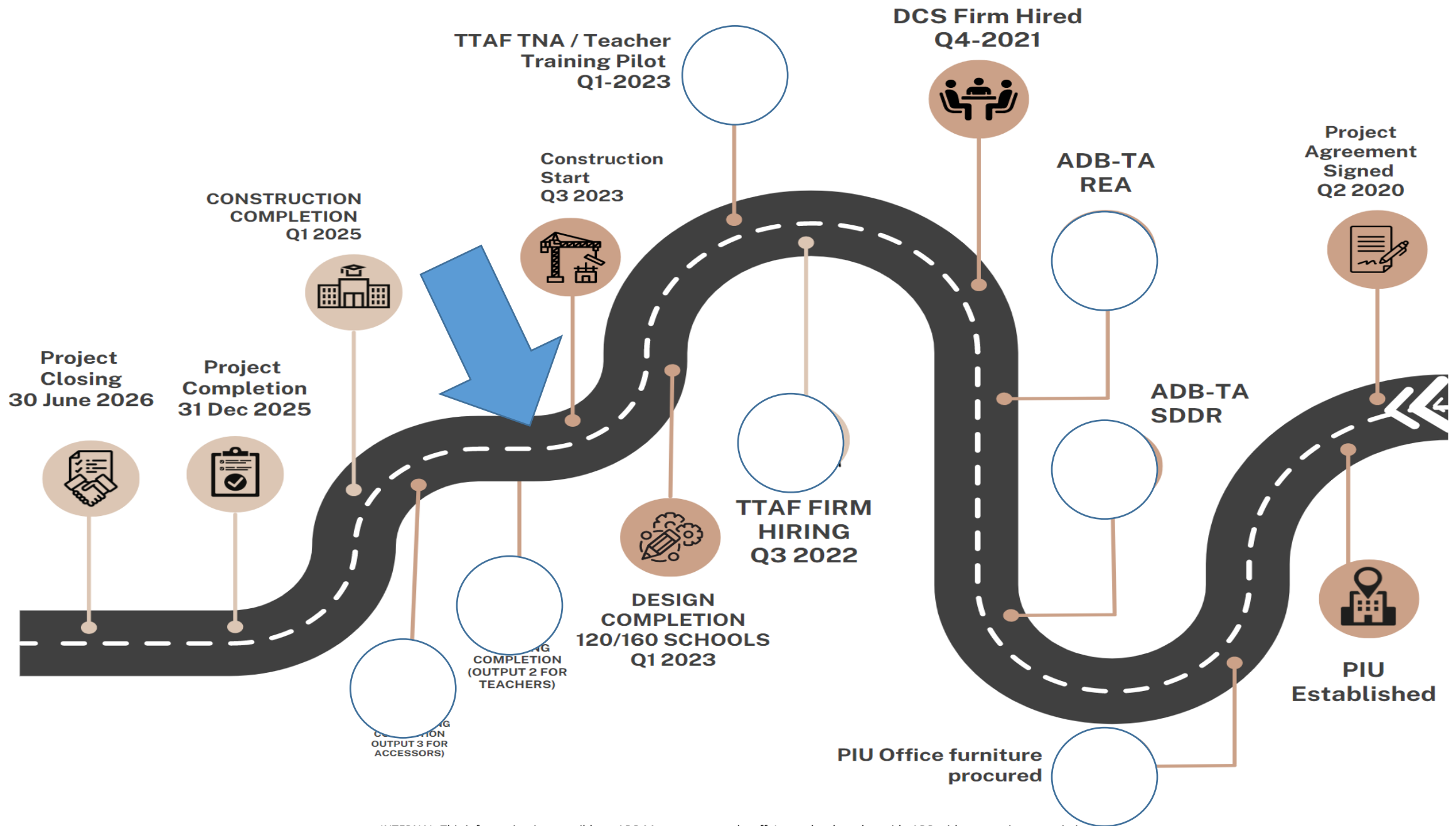
SSEIP's Health & Safety  
Challenges and  
Opportunities

## BACKGROUND PROJECT INFORMATION



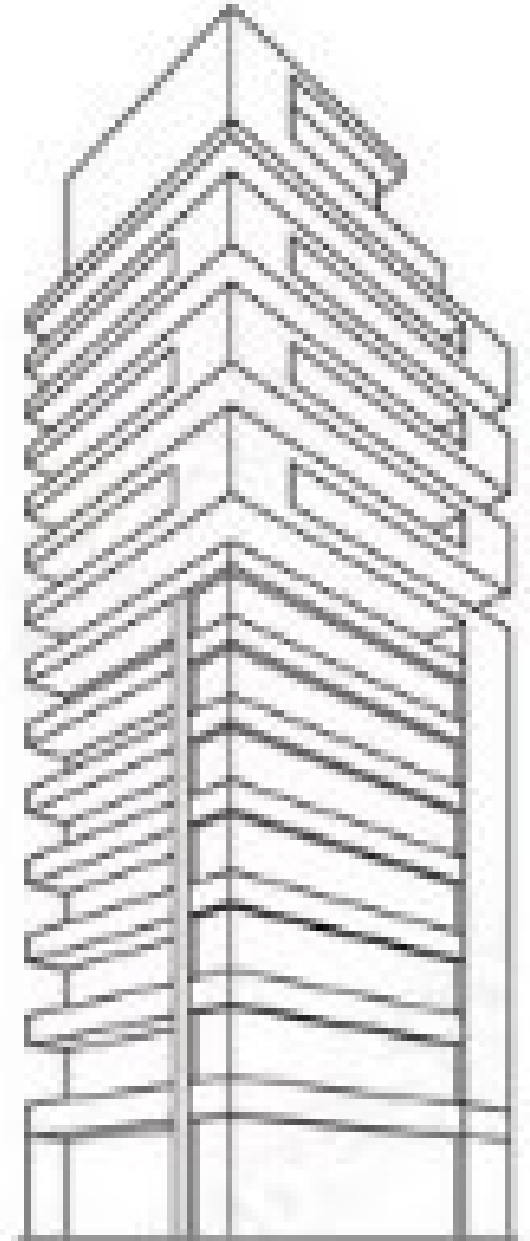
<b>Project Name</b>	<b>Sindh Secondary Education Improvement Project</b>	
<b>Description of Project Outputs</b>	<ol style="list-style-type: none"><li>1. New secondary school blocks constructed, and operated under EMO program</li><li>2. Teaching capacity in five key subjects improved</li><li>3. Secondary education examination system strengthened</li></ol>	
<b>Safeguard Categories</b>	<b>Environment</b>	B
	<b>Involuntary Resettlement</b>	B
	<b>Indigenous Peoples</b>	C

Source: <https://www.adb.org/projects/51126-002/main#project-pds>



# Top OHS Challenges

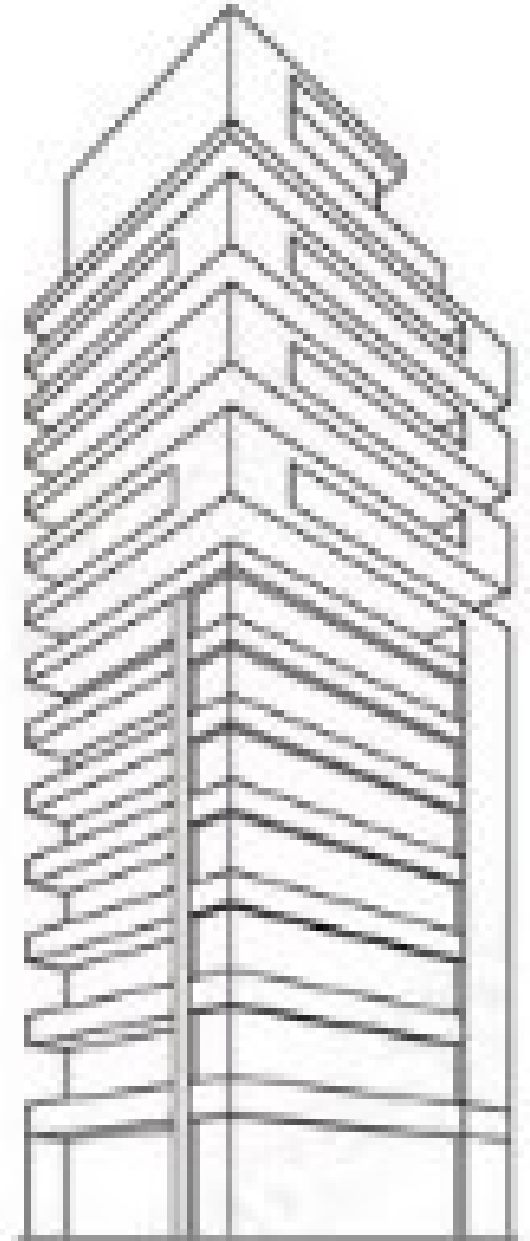
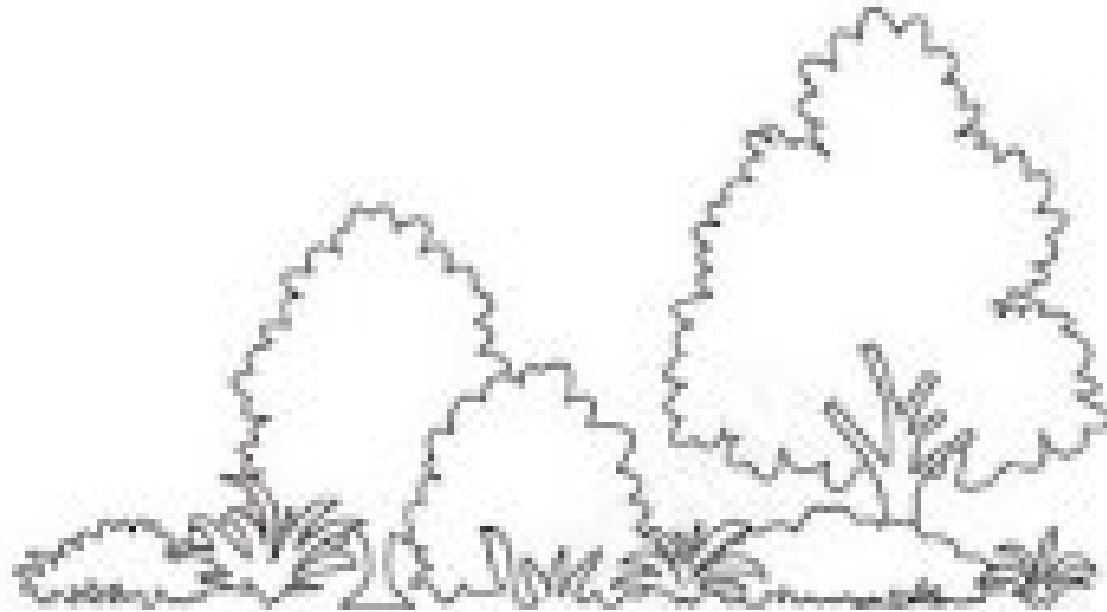
1. Commitment of Top Management
2. Lack of sensitized workers
3. Sub-Contracting Activities
4. Training for labours
5. Inadequate Personal Protective Equipment (PPE)
6. Electrical Hazards
7. Falling Hazards
8. Lack of Emergency Preparedness
9. Inadequate Reporting and Communication



# Top OHS Opportunities

## **Commitment of Top Management**

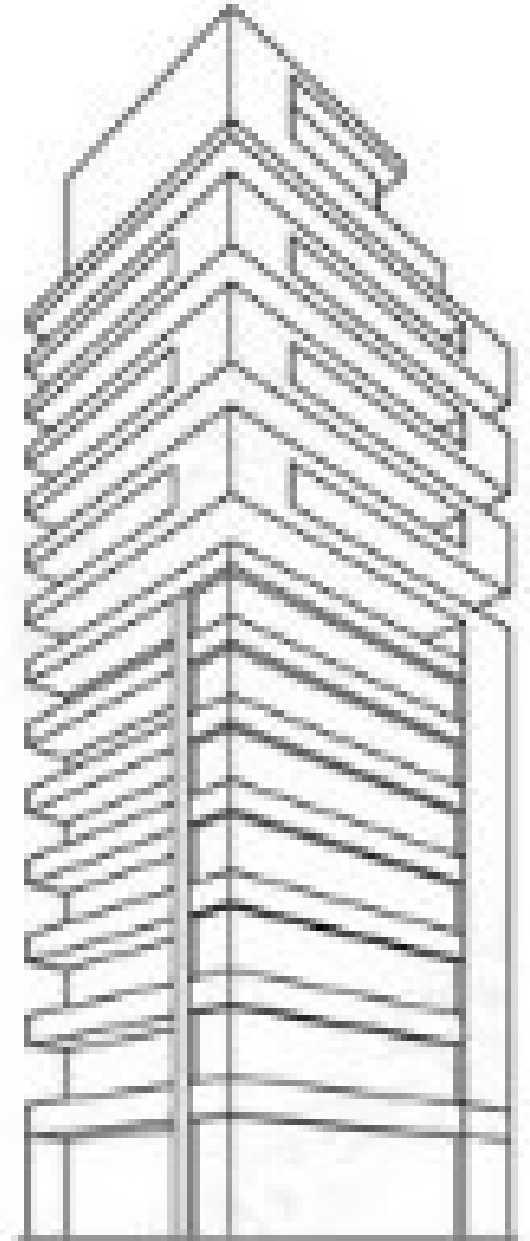
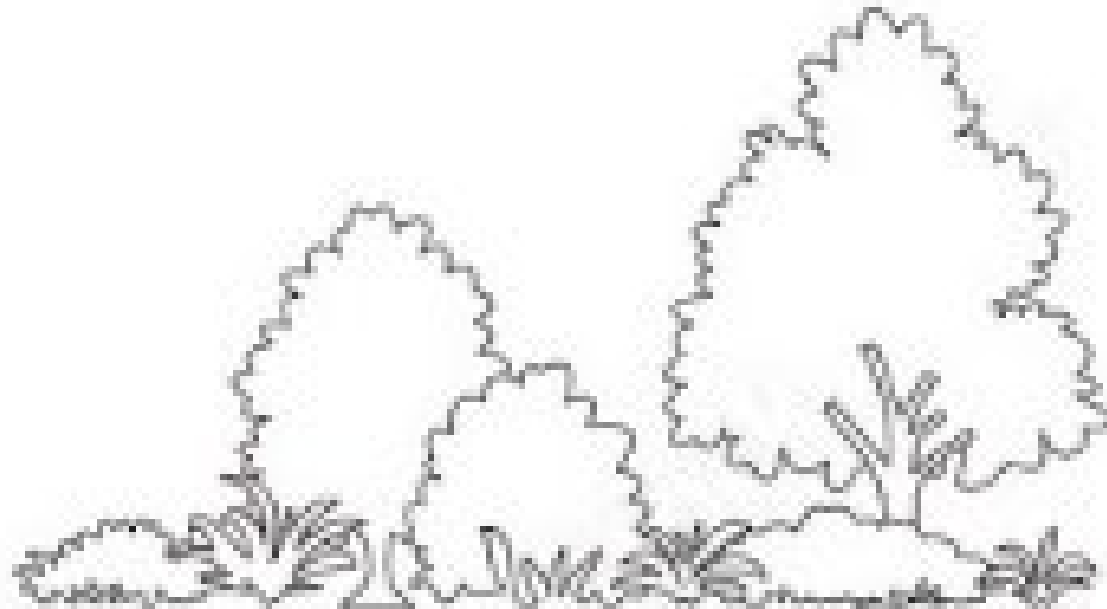
- Frequent change of top managers
- Top Management sensitization training



# Top OHS Opportunities

## **Lack of sensitized workers**

- Frequent trainings
- Skill Certified workers

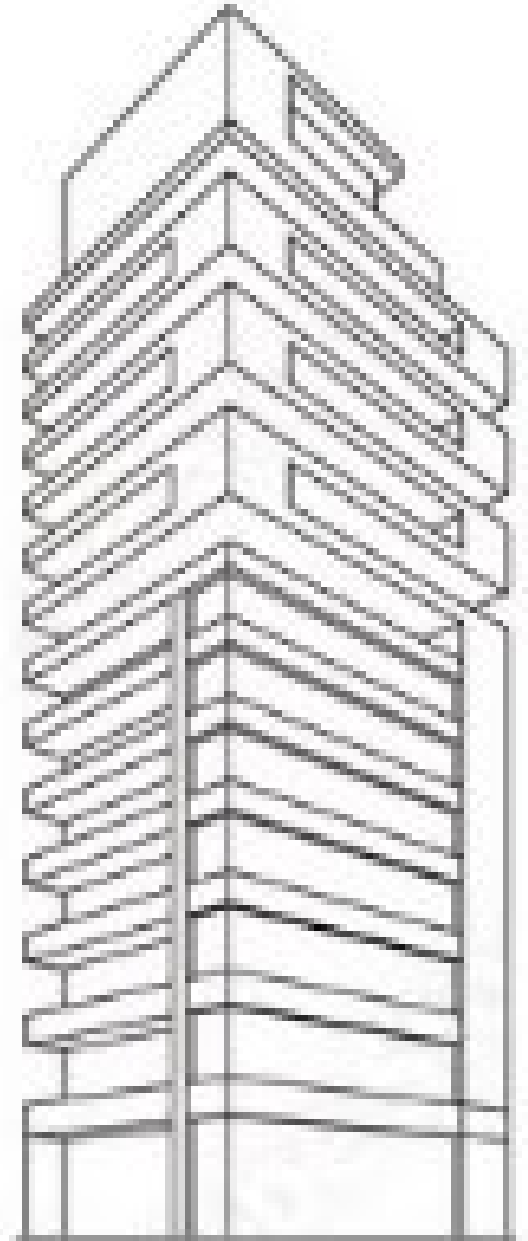
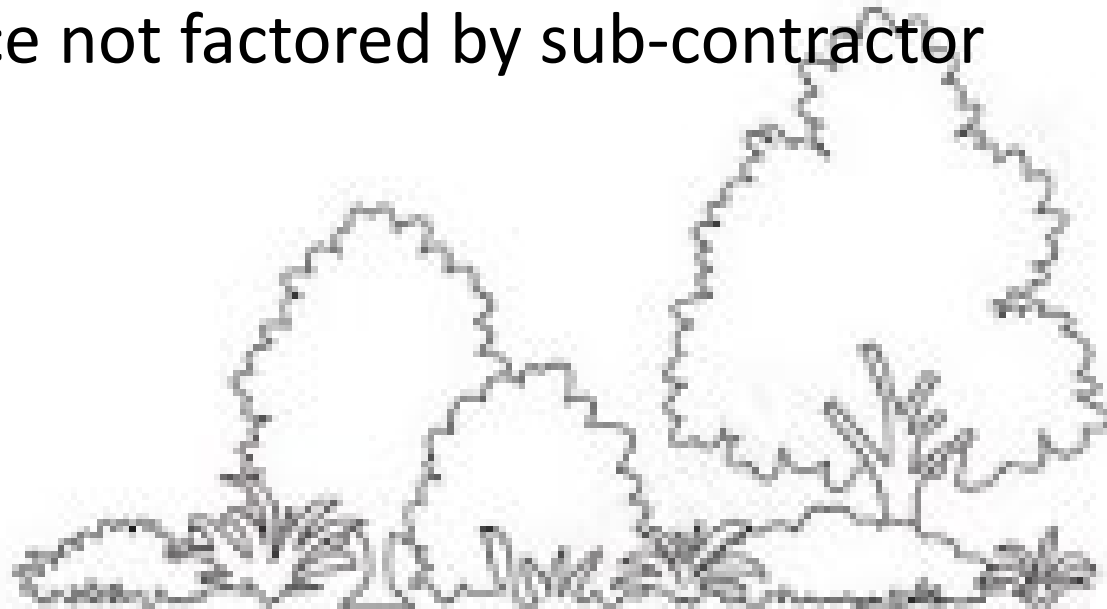


# Top OHS Opportunities

## **Sub-Contracting Activities**

*(Labour rates – Materials provided by contractor)*

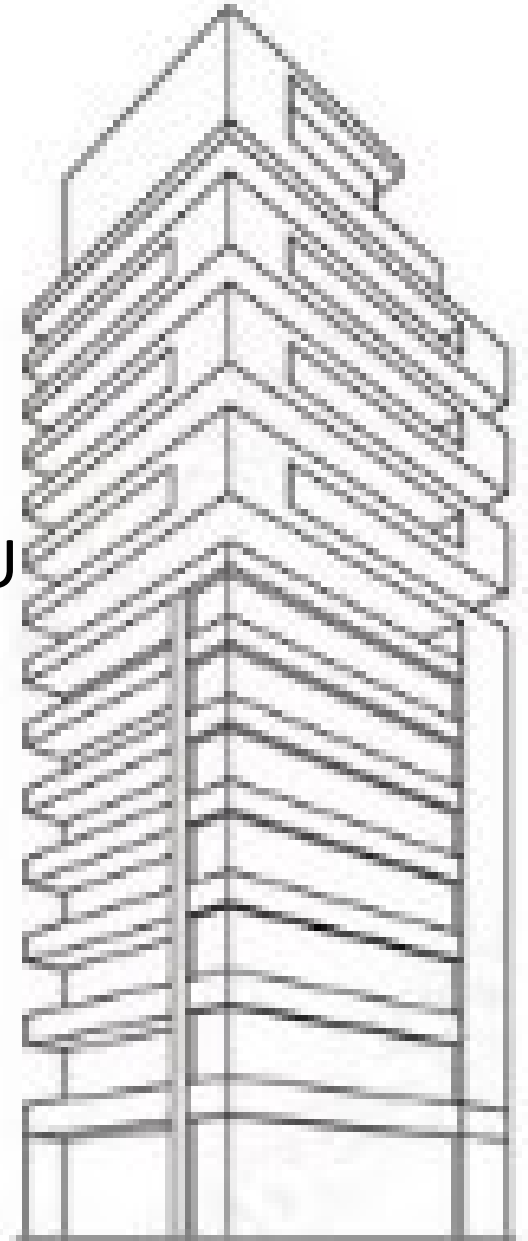
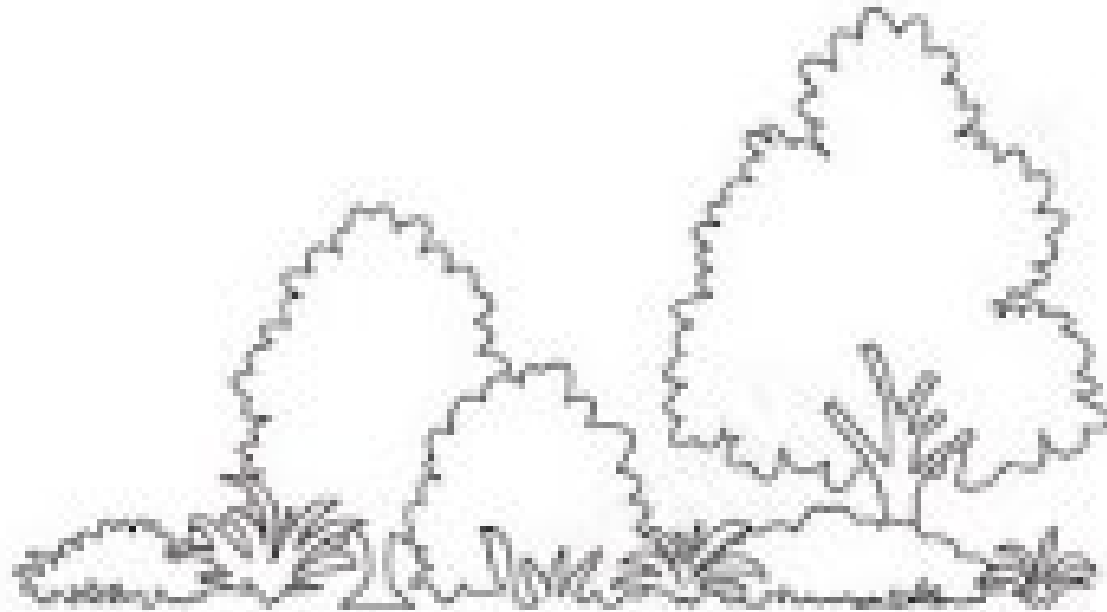
- Limited influence on labours
- Cost of compliance not factored by sub-contractor



# Top OHS Opportunities

## Training for labour

- Daily Toolbox Talks
- Weekly zoom (30 min) for DSC firm Site Inspectors by PIU

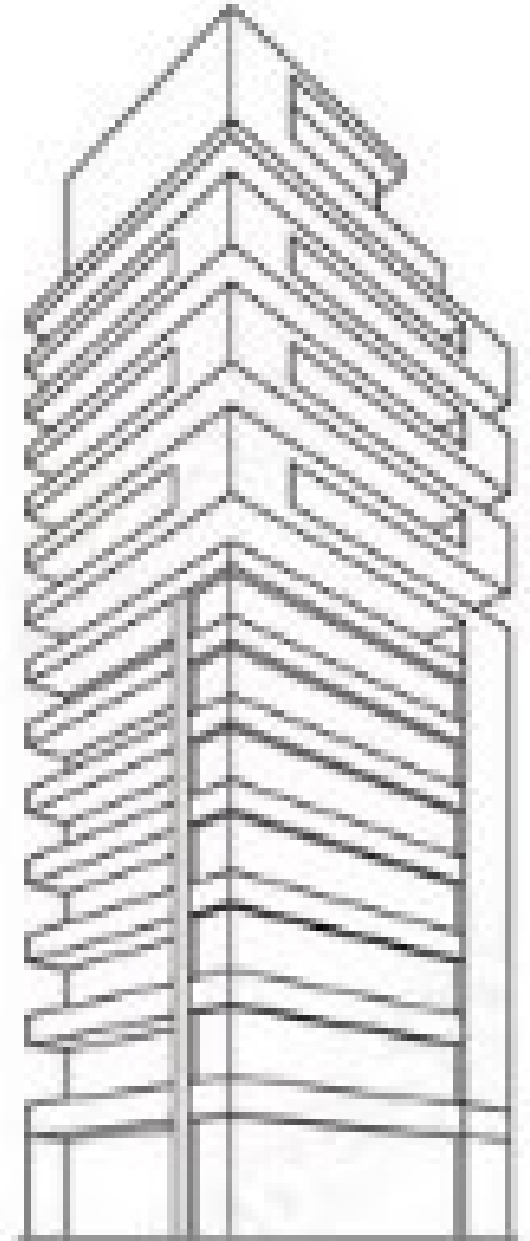
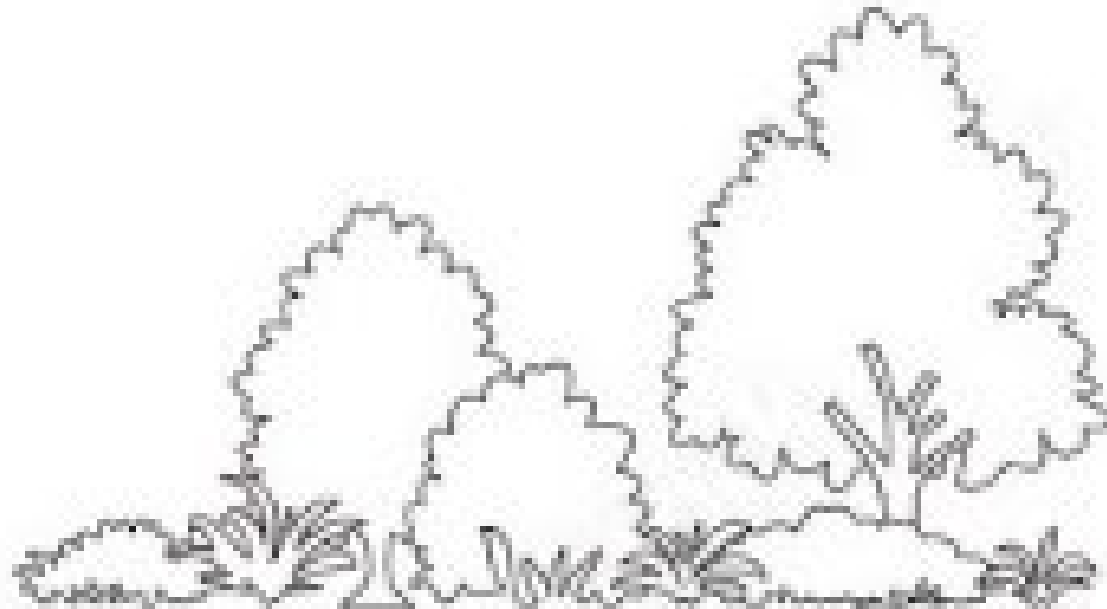




# Top OHS Opportunities

## **Inadequate Personal Protective Equipment**

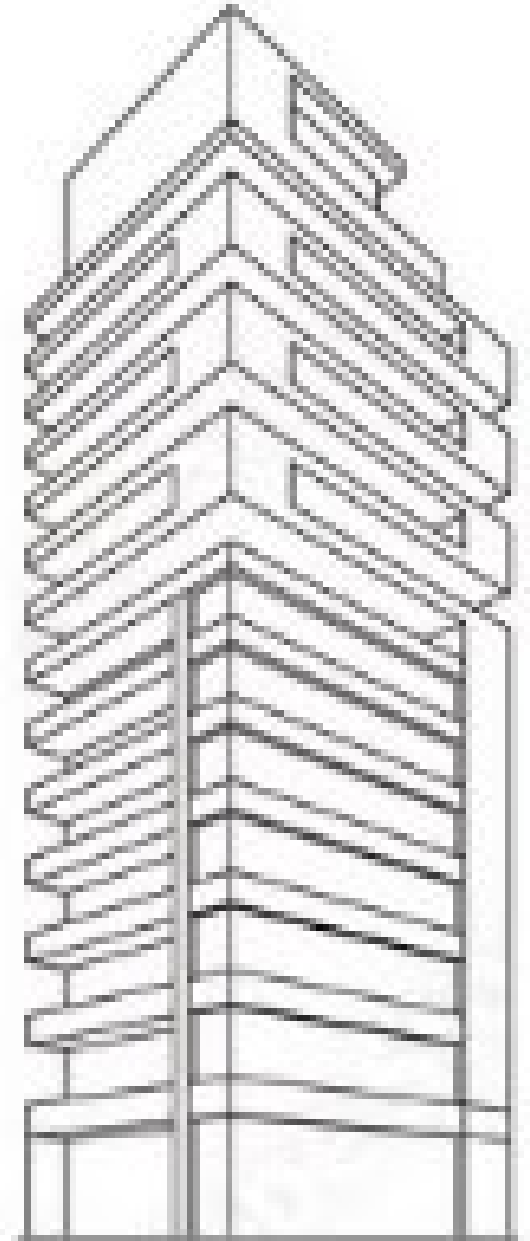
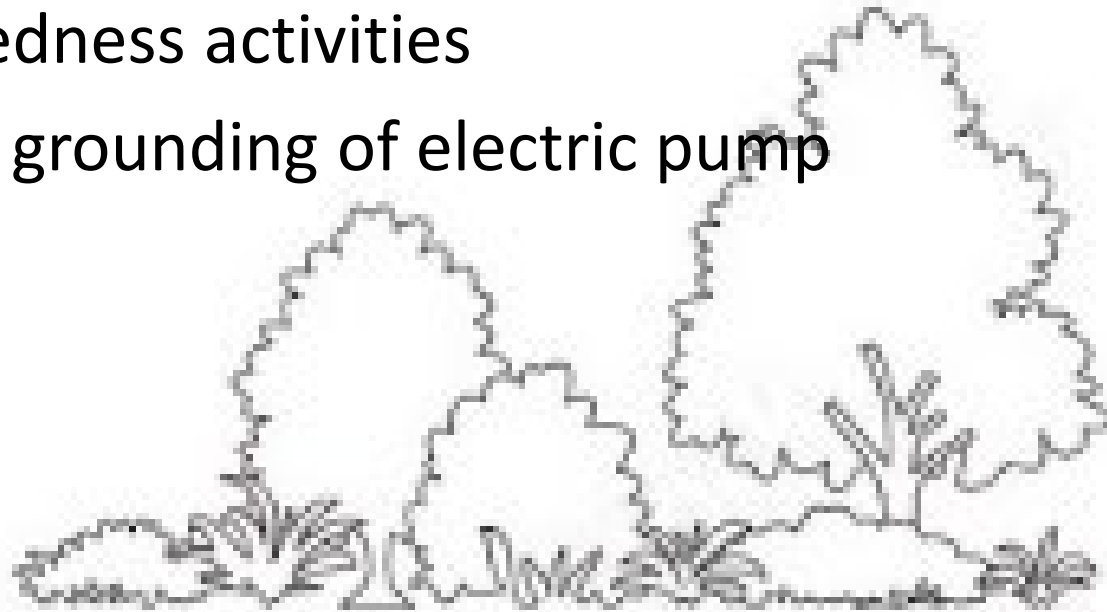
- Cost of compliance not factored by bidder
- Asking for extra money



# Top OHS Opportunities

## Electrical Hazards

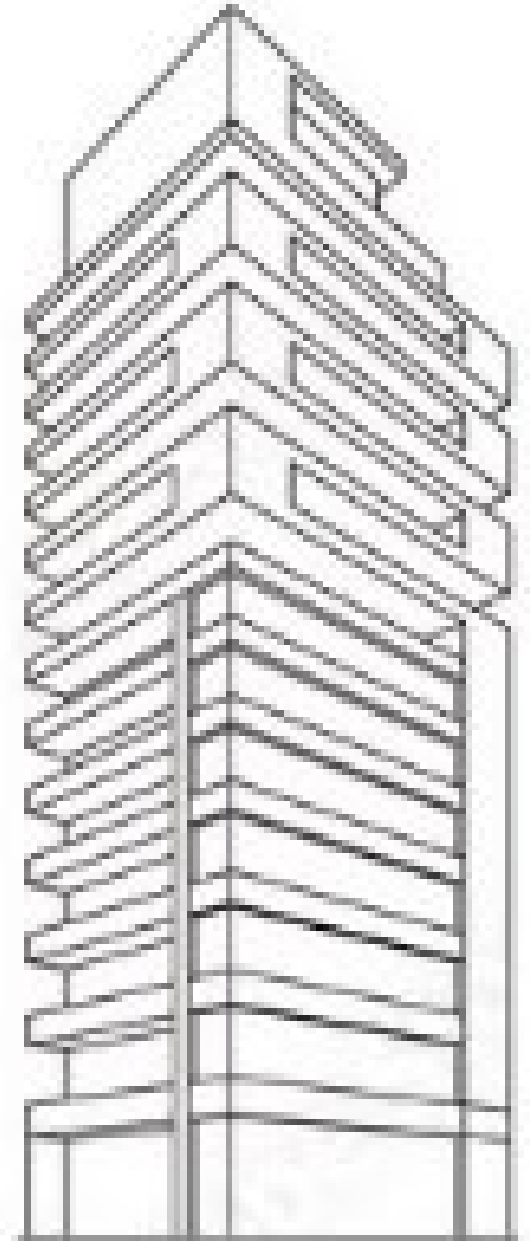
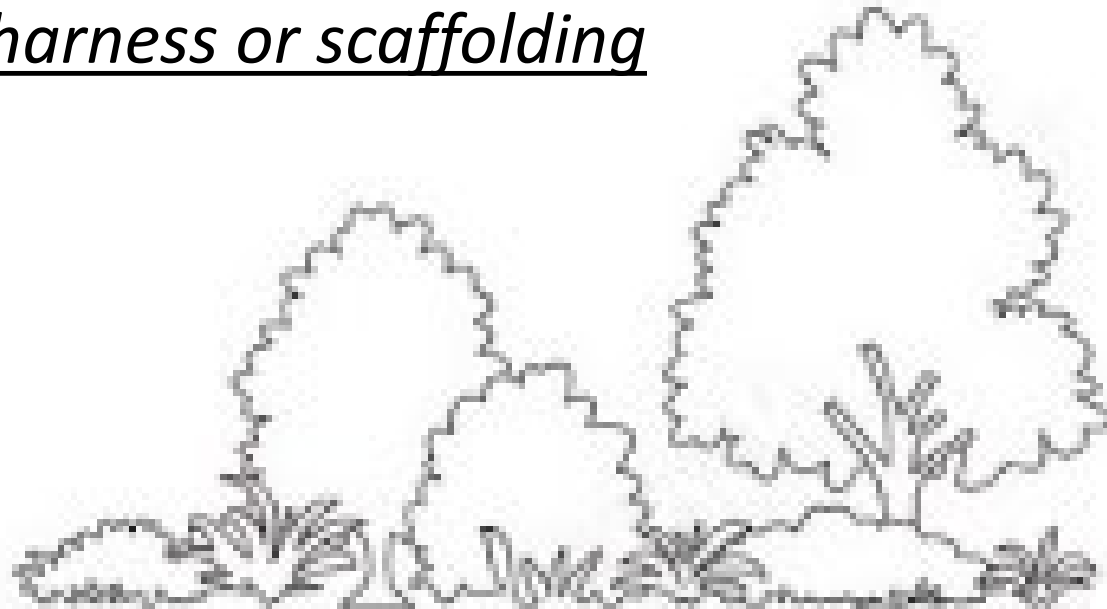
- Foundation curing activity in recent rains
- Activity stopped by PIU
- PIU Flood Preparedness activities
- After rain, proper grounding of electric pump



# Top OHS Opportunities

## Falling Hazards

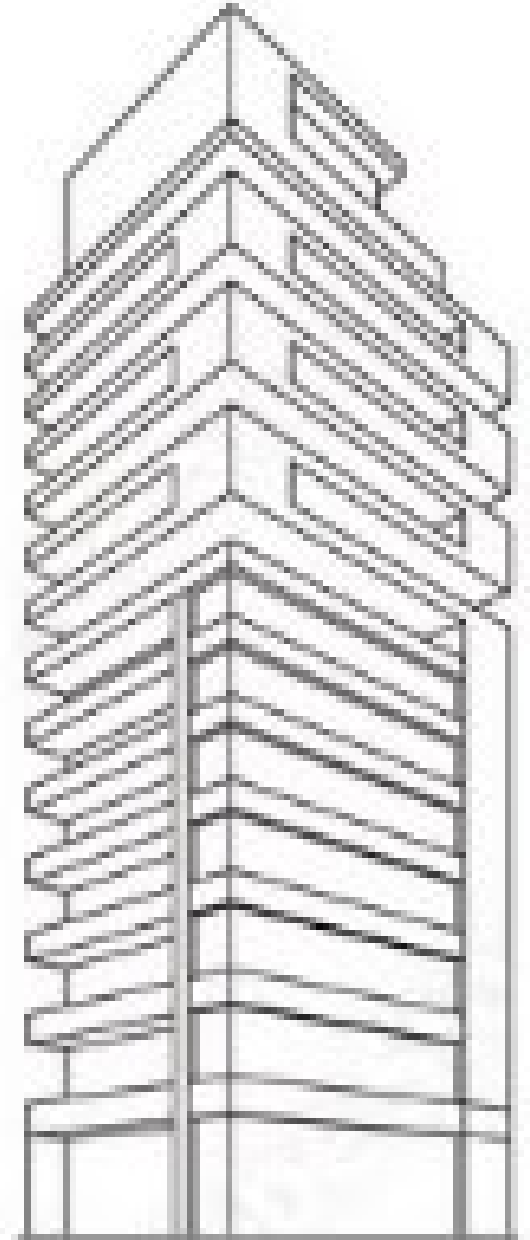
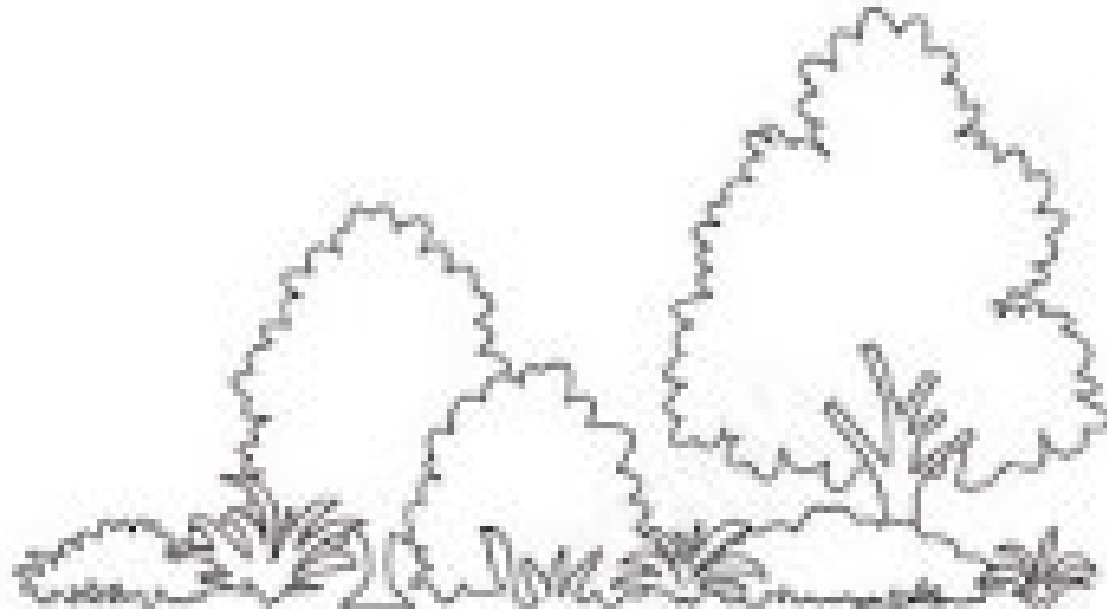
- Anticipating Fall from height risks during construction
- Scaffolding design / Safety Harness
- >> Tools Tying to harness or scaffolding



# Top OHS Opportunities

## **Lack of Emergency Preparedness**

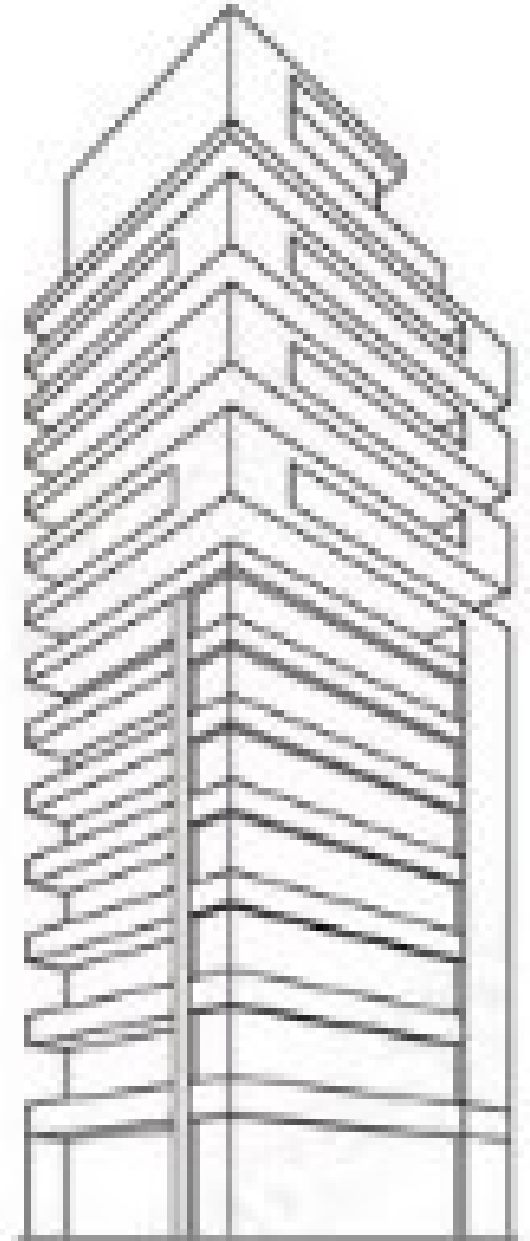
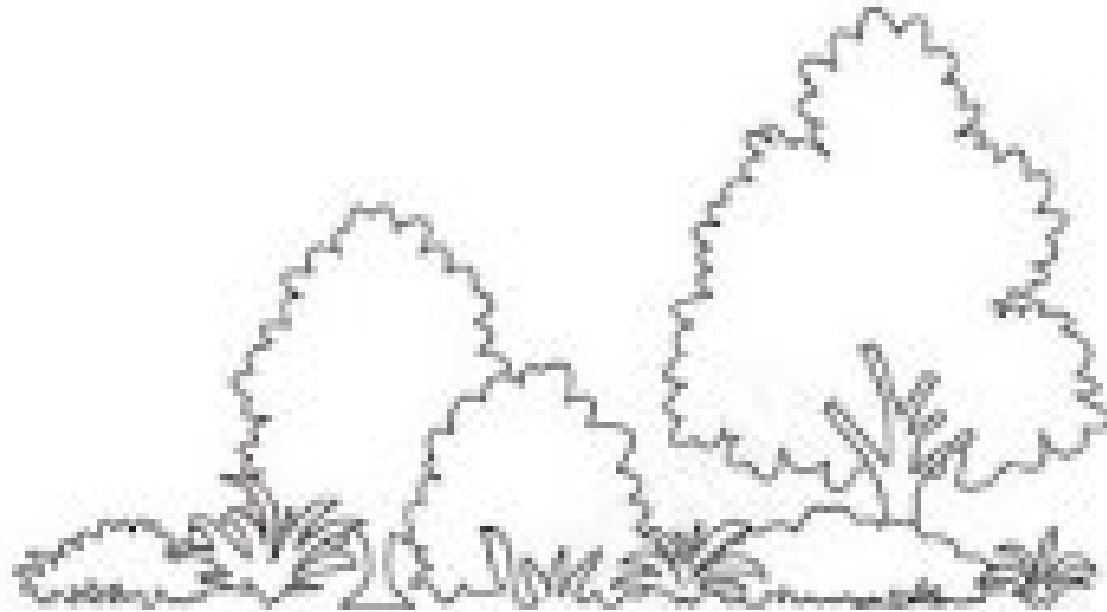
- Prepare and implement Emergency Preparedness



# Top OHS Opportunities

## **Inadequate Reporting and Communication**

- Monthly Construction Reporting after 45 days
- Whatsapp group



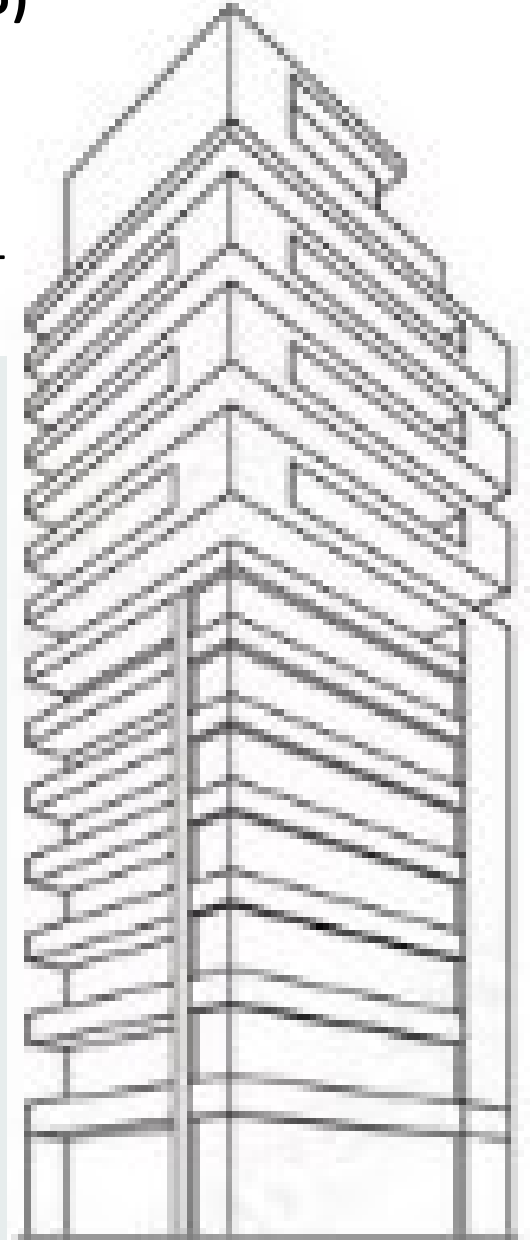
# Sindh Secondary Education Improvement Project Implementation Unit (SSEIP-PIU)

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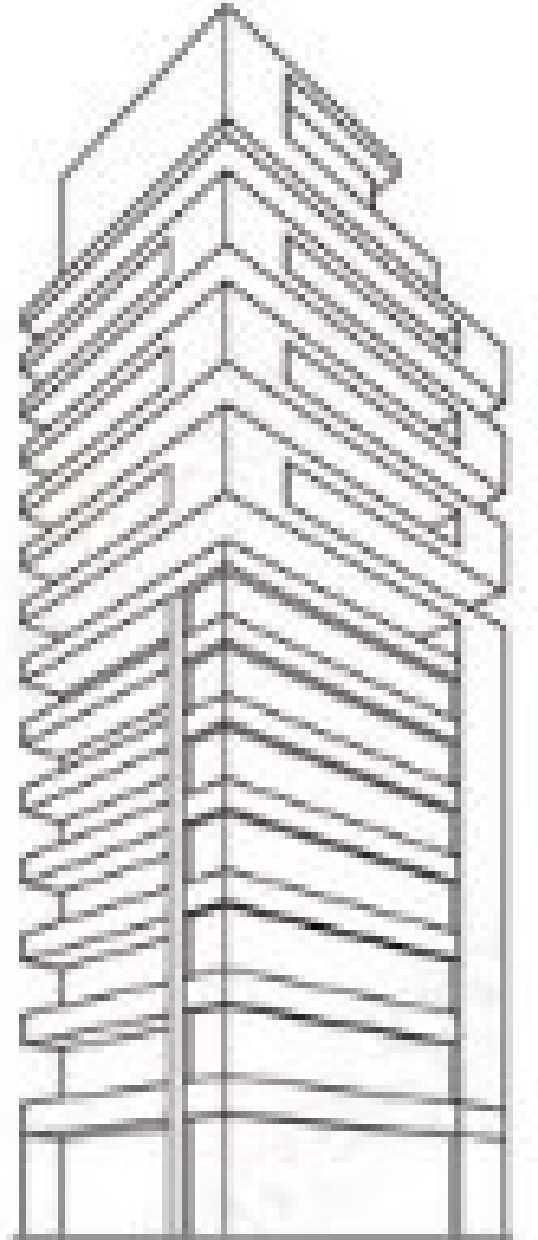
Tel: +0300-3538024







GBPS ABDUL  
GHANI BROHI



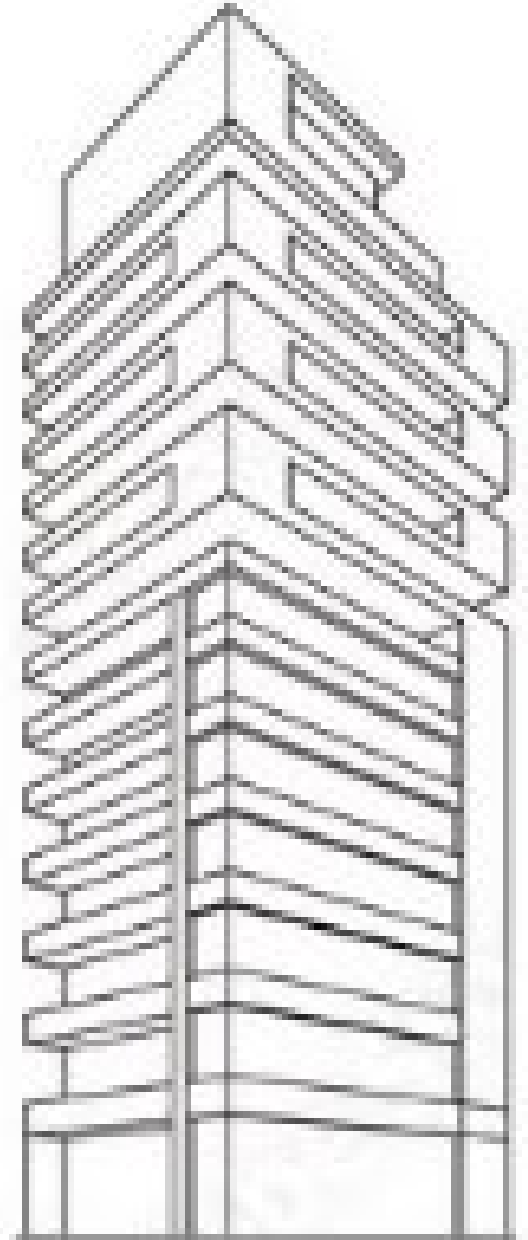
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outside ADB with appropriate permission.





GBPS SHOUKAT  
GANDRO UMED ALI  
SOOMRO

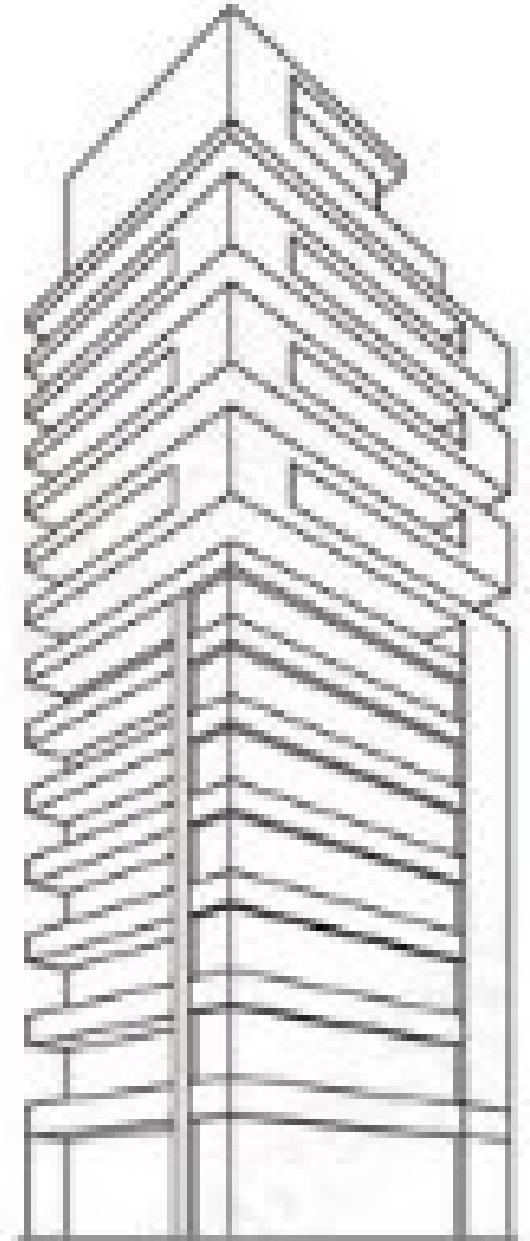


Earth testing 2 up to ECP @Umed Ali  
Soomro





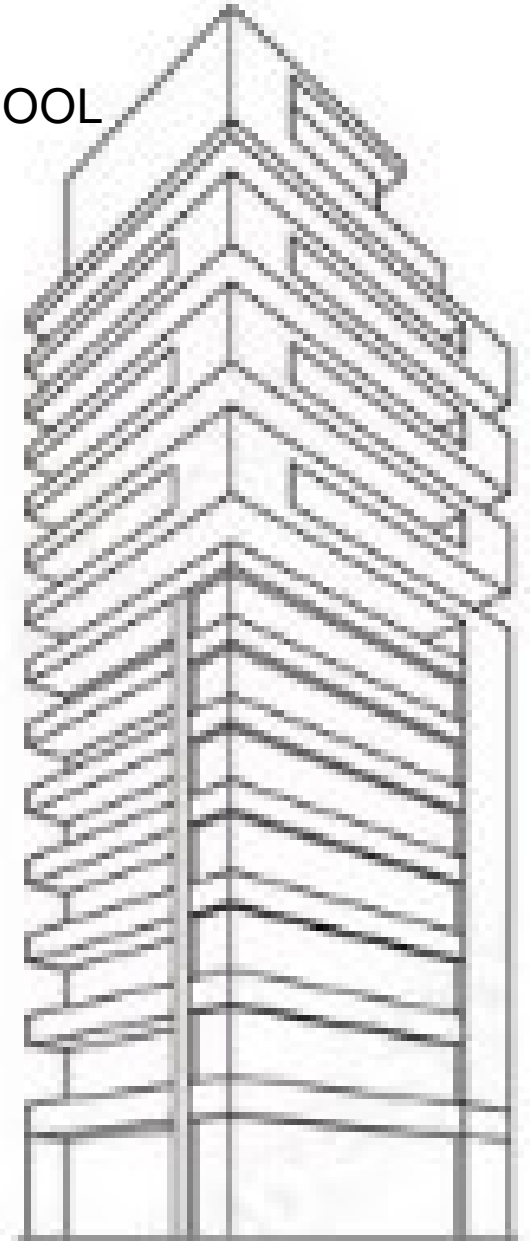
# GBPS CHRISTIAN COLONY THATTA





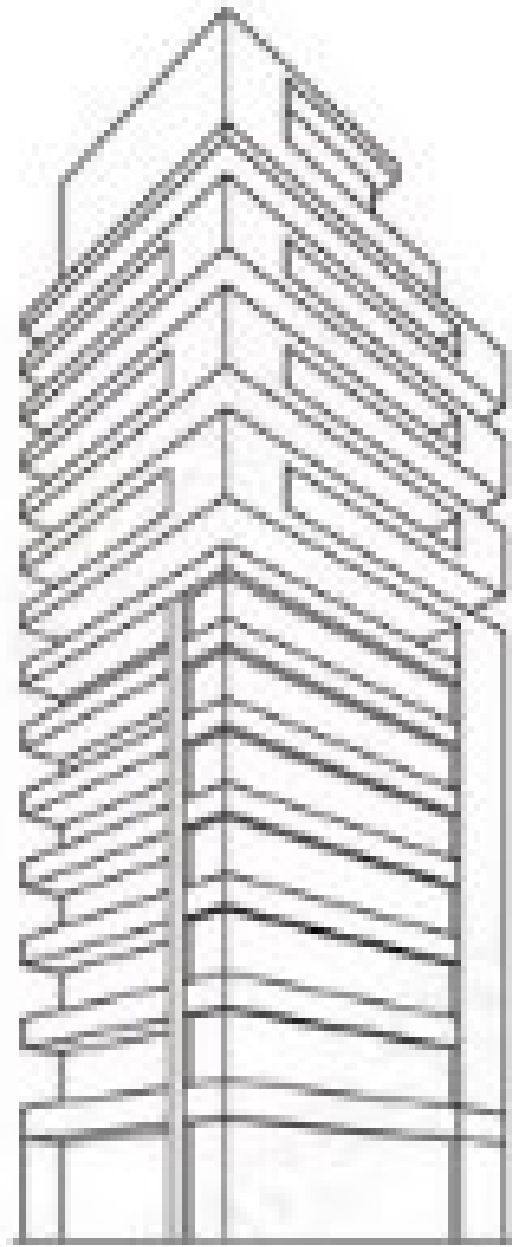


# GBPS SINDHI SCHOOL SUJAWAL





GBPS GUL  
MUHAMMAD  
CHANNA







GBPS ESSA KHAN

