

















Civil
Completed Projects

Project Description	Scope of Work								
<p data-bbox="209 248 762 416">WB-9A-2020: Design, Supply and Installation of Extension Works at 220kV Sibbi Grid Station and 220kV Loralai Grid Station</p> <table border="1" data-bbox="209 423 762 1507"> <tr> <td data-bbox="209 423 488 770"> <p data-bbox="312 580 384 607">Client</p> </td> <td data-bbox="488 423 762 770">  <p data-bbox="515 595 735 730">NTDC (National Transmission & Despatch Company)</p> </td> </tr> <tr> <td data-bbox="209 770 488 1043"> <p data-bbox="284 893 411 920">Consultant</p> </td> <td data-bbox="488 770 762 1043">  <p data-bbox="515 945 735 1008">Barqaab Consulting Service Pvt Ltd</p> </td> </tr> <tr> <td data-bbox="209 1043 488 1234"> <p data-bbox="284 1106 411 1169">Main Contractor</p> </td> <td data-bbox="488 1043 762 1234">  <p data-bbox="515 1137 735 1200">Siemens (Pakistan) Engineering Co. Ltd</p> </td> </tr> <tr> <td data-bbox="209 1234 488 1514"> <p data-bbox="256 1346 440 1408">Civil Sub-Contractor</p> </td> <td data-bbox="488 1234 762 1514">  <p data-bbox="528 1361 724 1491">ZEC (Zain Engineering Company Private Limited)</p> </td> </tr> </table>	<p data-bbox="312 580 384 607">Client</p>	 <p data-bbox="515 595 735 730">NTDC (National Transmission & Despatch Company)</p>	<p data-bbox="284 893 411 920">Consultant</p>	 <p data-bbox="515 945 735 1008">Barqaab Consulting Service Pvt Ltd</p>	<p data-bbox="284 1106 411 1169">Main Contractor</p>	 <p data-bbox="515 1137 735 1200">Siemens (Pakistan) Engineering Co. Ltd</p>	<p data-bbox="256 1346 440 1408">Civil Sub-Contractor</p>	 <p data-bbox="528 1361 724 1491">ZEC (Zain Engineering Company Private Limited)</p>	<p data-bbox="794 461 1187 488">Foundations & Civil Works:</p> <ul data-bbox="842 533 1374 712" style="list-style-type: none"> • Built concrete foundations for all equipment (transformers, switchgear, etc.) • Constructed dedicated transformer way for easy access <p data-bbox="794 757 1142 784">Protection & Grounding:</p> <ul data-bbox="842 828 1334 972" style="list-style-type: none"> • Applied oil-resistant paint to transformer foundations • Implemented drainage system and filled switchyard with gravel <p data-bbox="794 1016 1219 1043">Site Preparation & Durability:</p> <ul data-bbox="842 1088 1385 1303" style="list-style-type: none"> • Performed soil improvement for stability • Managed site filling with excavated & imported materials • Conducted termite control and waterproofed key areas
<p data-bbox="312 580 384 607">Client</p>	 <p data-bbox="515 595 735 730">NTDC (National Transmission & Despatch Company)</p>								
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WB-7D-2020: Design, Manufacture, Supply, Installation, Testing and Commissioning of Extension Works at 220kV Daud Khel Grid Station & Augmentation works at 220kV Bannu Grid Station





Client	 NTDC (National Transmission & Despatch Company)
Consultant	 National Engineering Services Pakistan
Main Contractor	 Siemens (Pakistan) Engineering Co. Ltd
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)





220kV Grid Station Daud Khel:





- Construction (including Concrete, Formwork & Rebar Works) of:
 - 1) Transformer Foundation.
 - 2) Firewall
 - 3) Gantries Foundation.
 - 4) Equipment Foundations (CB, DS, PI and etc).
 - 5) Water / Rain / Storm Water Drainage System.
- Bituminous Paint as protection under foundations, ground beams, and beds.
- Oil Resistant Paint on floors, walls and plinths of Transformer Foundation.
- Construction of RCC Cable Trenches including providing, making and fixing RCC Pre-Cast concrete slabs cover.
- Soil Improvement
- Excavated Material Earth Filling
- Imported Material Earth Filling
- Termite Control treatment.
- Waterproofing Works.
- Gravel and grating over entire foundation of transformer.
- Switchyard Gravel Filling

220kV Grid Station Bannu:







- Construction (including Concrete, Formwork & Rebar Works) of:
 - 1) Transformer Foundation.
 - 2) Gantries Foundation.
- Bituminous Paint as protection under foundations, ground beams, and beds.
- Oil Resistant Paint on floors, walls and plinths of Transformer Foundation.
- Soil Improvement
- Excavated Material Earth Filling
- Imported Material Earth Filling
- Termite Control treatment.
- Waterproofing Works.
- Gravel and grating over entire foundation of transformer.
- Switchyard Gravel Filling






Project Description		Scope of Work
<p>WB-8B-2020: Design Supply and Installation of Extension Works at 220kV Rohri Grid Station & Augmentation works at 220kV Daharki and 220kV Bahawalpur Grid Station</p>		<p>220kV Grid Station Bahawalpur:</p> <ul style="list-style-type: none"> • Construction (including Concrete, Formwork & Rebar Works) of: <ol style="list-style-type: none"> 1) Transformer Foundation. 2) Firewalls 3) Gantries Foundation. • Bituminous Paint on as protection under foundations, ground beams, and beds. • Oil Resistant Paint on floors, walls and plinths of Transformer Foundation. • Soil Improvement • Excavated Material Earth Filling • Imported Material Earth Filling • Termite Control treatment. • Waterproofing Works. • Gravel and grating over entire foundation of transformer. • Switchyard Gravel Filling <p>220kV Grid Station Daharki:</p> <ul style="list-style-type: none"> • Construction (including Concrete, Formwork & Rebar Works) of: <ol style="list-style-type: none"> 1) Transformer Foundation. 2) Firewall • Bituminous Paint on as protection under foundations, ground beams, and beds. • Oil Resistant Paint on floors, walls and plinths of Transformer Foundation. • Soil Improvement • Excavated Material Earth Filling • Imported Material Earth Filling • Termite Control treatment. • Waterproofing Works. • Gravel and grating over entire foundation of transformer. • Switchyard Gravel Filling
Client	 NTDC (National Transmission & Despatch Company)	
Consultant	 Barqaab Consulting Service Pvt Ltd	
Main Contractor	 Siemens (Pakistan) Engineering Co. Ltd	
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)	







Project Description		Scope of Work
<p>WB-7A-2020: Augmentation Works at 220kV Grid Station Samundari Road and 220kV Ghakkar Grid Station</p>		<p>220kV Grid Station Samundari Road:</p> <ul style="list-style-type: none"> Construction (including Concrete, Formwork & Rebar Works) of: <ol style="list-style-type: none"> Transformer Foundation. Gantries Foundation. Equipment Foundations (CB, DS, PI and etc). Bituminous Paint as protection under foundations, ground beams, and beds. Oil Resistant Paint on floors, walls and plinths of Transformer Foundation. Soil Improvement Excavated Material Earth Filling Imported Material Earth Filling Termite Control treatment. Waterproofing Works. Gravel and grating over entire foundation of transformer. Switchyard Gravel Filling <p>220kV Grid Station Ghakkar:</p> <ul style="list-style-type: none"> Construction (including Concrete, Formwork & Rebar Works) of: <ol style="list-style-type: none"> Transformer Foundation. Gantries Foundation. Bituminous Paint as protection under foundations, ground beams, and beds. Oil Resistant Paint on floors, walls and plinths of Transformer Foundation. Soil Improvement Excavated Material Earth Filling Imported Material Earth Filling Termite Control treatment. Waterproofing Works. Gravel and grating over entire foundation of transformer. Switchyard Gravel Filling
Client	 <p>NTDC (National Transmission & Despatch Company)</p>	
Consultant	 <p>National Engineering Services Pakistan</p>	
Main Contractor	 <p>Siemens (Pakistan) Engineering Co. Ltd</p>	
Civil Sub-Contractor	 <p>ZEC (Zain Engineering Company Private Limited)</p>	

Project Description		Scope of Work
WB-9B-2020: Design Supply and Installation of Augmentation Works at 220kV Quetta Industrial Grid Station Under National Transmission Modernization Project-I (NTMP-I)		<p>220kV Grid Station Quetta:</p> <ul style="list-style-type: none"> • Construction (including Concrete, Formwork & Rebar Works) of: <ol style="list-style-type: none"> 1) Transformer Foundation. • Bituminous Paint as protection under foundations, ground beams, and beds. • Oil Resistant Paint on floors, walls and plinths of Transformer Foundation. • Soil Improvement • Excavated Material Earth Filling • Imported Material Earth Filling • Termite Control treatment. • Waterproofing Works. • Gravel and grating over entire foundation of transformer. • Switchyard Gravel Filling
Client	 NTDC (National Transmission & Despatch Company)	
Consultant	 National Engineering Services Pakistan	
Main Contractor	 Siemens (Pakistan) Engineering Co. Ltd	
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)	



Project Description	Scope of Work								
<p>WB-04-2019: Design, Supply, Installation, Testing and Commissioning of Augmentation Works at 220kV Grid Station Shikarpur</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center; vertical-align: middle;">Client</td> <td style="text-align: center;">  NTDC (National Transmission & Despatch Company) </td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">Consultant</td> <td style="text-align: center;">  National Engineering Services Pakistan </td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">Main Contractor</td> <td style="text-align: center;">   Joint Venture of China National Technical Import and Export Corporation and Shanghai Electric Group Co Ltd </td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">Civil Sub-Contractor</td> <td style="text-align: center;">  ZEC (Zain Engineering Company Private Limited) </td> </tr> </table>	Client	 NTDC (National Transmission & Despatch Company)	Consultant	 National Engineering Services Pakistan	Main Contractor	  Joint Venture of China National Technical Import and Export Corporation and Shanghai Electric Group Co Ltd	Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)	<p>220kV Grid Station Shikarpur:</p> <ul style="list-style-type: none"> • Construction (including Concrete, Formwork & Rebar Works) of: <ol style="list-style-type: none"> 2) Transformer Foundation. • Bituminous Paint as protection under foundations, ground beams, and beds. • Oil Resistant Paint on floors, walls and plinths of Transformer Foundation. • Soil Improvement • Excavated Material Earth Filling • Imported Material Earth Filling • Termite Control treatment. • Waterproofing Works. • Gravel and grating over entire foundation of transformer. • Switchyard Gravel Filling
Client	 NTDC (National Transmission & Despatch Company)								
Consultant	 National Engineering Services Pakistan								
Main Contractor	  Joint Venture of China National Technical Import and Export Corporation and Shanghai Electric Group Co Ltd								
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)								







Project Description		Scope of Work
Civil Works for 132/11KV Switchyard, 100MW Quaid e Azam Solar Power Plant		Civil Works for 132/11KV Switchyard, 100MW Quaid e Azam Solar Power Plant: <ul style="list-style-type: none"> • Foundation Works for 132/11KV Power Transformer • Foundation Works for 132KV AIS CB, CT & MCT • Foundation Works for 132KV AIS Surge Arrestor & VT • Civil Works for Earthing Transformer & Earth Mast Foundation • Construction of Fire Protection Wall • Construction of 132KV Switchyard Cable Trenches • Provision and Placing of Trench Covers
Client	 ZORLU RENEWABLE PAKISTAN (PRIVATE) LTD	
Main Contractor	 Siemens (Pakistan) Engineering Co. Ltd	
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)	
2 x 132kV AIS Grid Stations (Conversions from 66KV) ADB TRANCHE III GEPCO-01 1) DASKA 2) SIRANWALI		<ul style="list-style-type: none"> • Complete Civil Works for Switchyard Foundations • Complete Civil Works for Control House Building • Construction of Boundary Wall • Paint Works • Drainage Works
Client	 NTDC (National Transmission & Despatch Company)	
Main Contractor	 Sinosteel Equipment & Engineering Co., Ltd	
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)	







Project Description		Scope of Work
Aisha Steel Mills Karachi GIS 132KV Switchyard		<p>Aisha Steel Mills Karachi GIS 132KV Switchyard:</p> <ul style="list-style-type: none"> • Foundation Works for 132KV GIS CVT • Foundation Works for 132KV GIS SF6 Circuit Breaker • Foundation Works for 132KV GIS Surge Arrestor • Erection of Steel Support Structure on All Foundations
Client	 Aisha Steel Mills Limited	
Main Contractor	 ABB Power & Automation (Pvt.) Ltd	
Civil Sub-Contractor	 ZEC (Zain Engineering Company Private Limited)	
Liberty Power Tech. Ltd. Faisalabad 200MW		<p>Liberty Power Tech. Ltd. Faisalabad 200MW:</p> <ul style="list-style-type: none"> • Construction of Drain • Epoxy Painting • Water Proofing Work • Road Works(Main Road to Engine Hall for 450T on Load) • Construction of Boundary Wall • Weight Foundations • LPTL Store Building • Switchyard Gravel Filling & Leveling • Fencing Works including Civil works • Fall Ceiling Works • Ceramic Tile Works • Sanitary Works • Construction of Office and Guard Room • Foundations of Lighting Poles • Wood Works for Offices & Control Room • Man Holes (RCC & Brick Works) • Doors Installation for Offices and Power House • Trench Works • Punch List Items
Client	 Liberty Power Tech Ltd. Liberty Power Tech Limited	
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	

Project Description		Scope of Work
JDW Sugar Mills –Unit I		<p>JDW Sugar Mills –Unit I:</p> <ul style="list-style-type: none"> • FFE Foundations & Supporting Structure up to + 22.65 M • Juice Heater Structure Up to + 9.0 M • Construction of Beams Foundations • Construction of Columns Foundations • Trimming of existing Foundations • Miscellaneous Civil Works
Client	 JDW Group JDW Sugar Mills Ltd	
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	
Davis Energy (IPP) Power Plant		<p>Davis Energy (IPP) Power Plant:</p> <ul style="list-style-type: none"> • PCC Works for footings • Construction of Boundary Wall • Construction of Security Room • Main Gate Installation
Client	 ORIENT Orient Energy Systems Pvt Ltd.	
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	
<p>1) CCBPL Faisalabad Plant (Phase-II) 2) Coca Cola Ware House Faisalabad 3) CCBPL Faisalabad Plant (Phase-I) 4) CCBPL Lahore Plant</p>		<p>CCBPL Faisalabad Plant (Phase-II):</p> <ul style="list-style-type: none"> • Foundation Work for: • Washer • Carbon Cooling • Filler • 40 Ton Tank Pad • RO Plant • Softening Unit • Caser & D-Caser • Ammonia Plant • Structural Strengthening Works using Strengthening Chemical Strips • Dismantling of Building • Excavation Works • Termite Proofing • Concrete Work • Tiling • GI Roofing • Tuff Pavers • Roof Treatment Works
Client	 Coca-Cola Coca-Cola Pakistan	
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	

	<ul style="list-style-type: none"> • Drain Work for Processed Water • Sanitary Water • Storm Water <p>Coca Cola Ware House Faisalabad:</p> <ul style="list-style-type: none"> • Roofing & Water Proofing • Demolition Works • Masonry Works • Tuff Paver Works • Foundation Works • SS Fabrication Works • Fabrication of Car Parking Sheds <p>CCBPL Faisalabad Plant (Phase-I):</p> <ul style="list-style-type: none"> • Structural Strengthening of Processing Hall, Shipping Area & Generator Room • Fixing of reinforcement bonding material under slab and beams • Application of shear strengthening fabric for beams using epoxy impregnation resin • Waterproofing <p>CCBPL Lahore Plant:</p> <ul style="list-style-type: none"> • Disambiguation Works of HT Poles Foundations • Renovation Works for 132KV AIS Switchyard Foundations • Paint Work for Complete 132KV AIS Switchyard • Paint Work for Battery Room • Paint Work for Metering Room • Earth Pit Works
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132KV AIS Switchyard Hubco Power Narowal Plant 213 MW		<p>132KV AIS Switchyard Hubco Power Narowal Plant 213 MW:</p> <ul style="list-style-type: none"> • Complete Fencing around Switchyard including: <ol style="list-style-type: none"> 1) Supply of Fencing material 2) Foundations for Fencing 3) Fabrications 4) Complete Erection
Client	 MAN Diesel & Turbo Man Diesel And Turbo	
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	

Project Description		Scope of Work
CCBPL Lahore Plant		
Client	 Coca-Cola Pakistan	<ul style="list-style-type: none"> • Construction of Transformer Room • Construction of WAPDA Metering Room • Painting Works • Man Holes (RCC & Brick Works) • Trench Works
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	
Punjab Industrial Estates Development and Management Company		
Client	 Punjab Industrial Estates Development and Management Company	<ul style="list-style-type: none"> • Manholes (RCC & Brick Works) • Trench Works for HT Cable Laying
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	
Zain Engineering Company (Private) Limited Ware House / Workshop		
Client	 ZEC (Zain Engineering Company Private Limited)	<ul style="list-style-type: none"> • Construction of Complete Workshop / Warehouse.
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	

Project Description		Scope of Work
Orient Energy Systems Pvt. Ltd. (Lahore Office)		
Client	 Orient Energy Systems Pvt Ltd.	
Civil Contractor	 ZEC (Zain Engineering Company Private Limited)	Orient Energy Systems Pvt. Ltd. (Lahore Office): <ul style="list-style-type: none"> • Foundation Pads of Gensets
Allied Engineering & Services (Pvt.) Ltd (Lahore Office)		
Client	 Allied Engineering & Services (Pvt.) Ltd	
ETC Contractor	 ZEC (Zain Engineering Company Private Limited)	Allied Engineering & Services (Pvt.) Ltd (Lahore Office): <ul style="list-style-type: none"> • Foundation Pads of Gensets
Gujranwala Electric Power Company		
Client	 Gujranwala Electric Power Company	
ETC Contractor	 ZEC (Zain Engineering Company Private Limited)	Gujranwala Electric Power Company: <ul style="list-style-type: none"> • Survey of GEPCO Towers • Contour Drawings for construction of Damaged Foundations / Retaining walls around Transmission Line Towers.