



**ENGINEERING DESIGN BUREAU**  
Consulting Engineers, Planners & Architects

# BUILDING FEASIBILITY

## TI SURVEY & IMPLEMENTATION

### Building Feasibilities

Projects	Clients	Project Description
<b>PTML GSM 900/1800 Expansion Project (PHASE-V)</b>	UFONE/Huawei	Site Survey and Building Evaluation
<b>Huawei/PTML GSM 900/1800 Expansion Project (PHASE-VI)</b>	UFONE/Huawei	Site Survey and Building Evaluation
<b>PTML GSM 900/1800 Expansion Project (PHASE-VII)</b>	UFONE/Huawei	Site Survey and Building Evaluation
<b>Warid GSM 900/1800 Project in Pakistan</b>	Warid/Wincom	Site Survey and Building Evaluation
<b>Warid GSM 900/1800 Project in Pakistan</b>	Warid/Ericsson	Site Survey and Building Evaluation
<b>Warid GSM 900/1800 Project in Pakistan</b>	Warid/Huawei	Site Survey and Building Evaluation
<b>Warid GSM 900/1800 Project in Pakistan</b>	Warid/Consistel	Site Survey and Building Evaluation
<b>Telenor GSM 900/1800 Project in Pakistan</b>	Telenor	Site Survey and Building Evaluation
<b>Telenor GSM 900/1800 Project In Pakistan</b>	Telenor/ATL	Site Survey and Building Evaluation
<b>Motorola GSM 900/1800 Project in Pakistan</b>	Motorola/Nascom	Site Survey and Building Evaluation
<b>Motorola GSM 900/1800 Project in Pakistan</b>	Motorola/Cavalier	Site Survey and Building Evaluation
<b>Motorola GSM 900/1800 Project In Pakistan</b>	Motorola/Ikan	Site Survey and Building Evaluation

<b>Wateen Wimax Project in Pakistan</b>	Wateen	Site Survey and Building Evaluation
<b>Worldcall Project In Pakistan</b>	Worldcall	Site Survey and Building Evaluation
<b>Worldcall Project In Pakistan</b>	Worldcall/Huawei	Site Survey and Building Evaluation
<b>EDOTCO B2S Project</b>	EDOTCO/Asif&Co/IKAN/ Al-Imam/SIA	Site Survey and Building Evaluation
<b>CMPAK IKAN BTS ROLLOUT</b>	IKAN	Site Survey and Building Evaluation
<b>TP-Nokia Project</b>	IKAN/Ghanni Engg.	Site Survey and Building Evaluation
<b>CMPAK BTS SITE RO Phase-9</b>	ATL/ASIF&CO>CME/CCS /Highrise/ZTE/I.ENGG.	Site Survey and Building Evaluation
<b>B2S PROJECT</b>	Huawei	Site Survey and Building Evaluation
<b>EDOTCO-TOWER STRENGTHENING PROJECT</b>	EDOTCO	Site Survey and Building Evaluation
<b>GHANI ENGG-NOKIA-Telenor RO Project</b>	Ghanni Engg.	Site Survey and Building Evaluation
<b>ZTE-TP IP AGG PROJECT</b>	ZTE	Site Survey and Building Evaluation
<b>IKAN-ZONG Tower Inspection Project</b>	IKAN	Site Survey and Building Evaluation
<b>ENFRASHARE-Ufone RO Project</b>	ENFRASHARE	Site Survey and Building Evaluation
<b>ZTE-TP IP-RAN POWER AUDIT</b>	ZTE	Site Survey and Building Evaluation
<b>Telenor GSM project</b>	NOKIA	Site Survey and Building Evaluation
<b>NOKIA-TP THUNDERBOLT PROGRAM ID2OD 2019</b>	NOKIA	Site Survey and Building Evaluation
<b>UFONE KOHAT PROJECT</b>	ATL	Site Survey and Building Evaluation

## TI Surveys and Implementation

<b>Projects</b>	<b>Clients</b>	<b>Project Description</b>
<b>GSM Project Phase-2</b>	PAKTEL	RF & Transmission surveys, Complete BSS implementation with all test and submission of acceptance certificates as per client requirement.
<b>GSM Project Phase-1 North</b>	CMPAK/Alcatel	RF & Transmission surveys, Complete BSS implementation with all test.
<b>Wimax Phase-1</b>	Witribe/Motorola	RF & Transmission (LOS) surveys, TSSR compilation and submission.
<b>350 Solar Sites Project</b>	CMPAK/ZTE	Electrical survey, 4-point electrical survey, compilation and submission of TSSR.

<b>USF Balochistan project</b>	CMPAK/ZTE	RF & Transmission (LOS) surveys, TSSR compilation and submission
<b>ZTE TP 2G SWAP RAN &amp; TXN SWAP</b>	ZTE	(RAN Equipment Swap from NOKIA to ZTE) (TXN Equipment Swap from NOKIA to NEC)
<b>HUAWEI Ufone 3G RAN UPGRADATION &amp; TXN SWAP</b>	Huawei	(Both RF & TXN Upgraded)
<b>ZTE TP 3G UPGRADATION PROJECT</b>	ZTE	(Both RF & TXN Upgraded)
<b>ZTE TP LTE-850 UPGRADATION PROJECT</b>	ZTE	RF Upgradation Only
<b>ZTE JAZZ 2G SWAP PROJECT</b>	ZTE	RAN Equipment Swap Only
<b>ZTE JAZZ MERGECO PROJECT</b>	ZTE	(Sites Merger Survey)
<b>NOKIA TP 2G, 3G, LTE-850 SWAP PROJECT</b>	NOKIA	(RAN Equipment Swap from ZTE to NOKIA)
<b>NOKIA TP LTE-850 UPGRADATION</b>	NOKIA	(RAN Equipment Upgradation Only)
<b>NOKIA JAZZ PROJECT</b>	NOKIA	(RAN Equipment Upgradation)
<b>ZTE-CMPAK SOLAR PROJECT</b>	ZTE	(Solar Deployment Survey)
<b>ZTE-TP SOLAR PROJECT</b>	ZTE	(Solar Deployment Survey)
<b>ZTE-PTCL POWER SWAP PROJECT</b>	ZTE	Electrical Power Equipment Swap
<b>ZTE TP POWER SWAP PROJECT</b>	ZTE	Electrical Power Equipment Swap
<b>HUAWEI TP POWER SWAP PROJECT</b>	Huawei	Electrical Power Equipment Swap

## BSS Implementation

<b>Projects</b>	<b>Clients</b>	<b>Project Description</b>
<b>ZTE TP VEGA 2G RAN SWAP PROJECT</b>	ZTE	N/A
<b>ZTE TP VEGA TXN SWAP PROJECT</b>	ZTE	N/A
<b>ZTE CMPAK 3G INSTALLATION</b>	ZTE	N/A
<b>ZTE CMPAK ROLLOUT</b>	ZTE	N/A
<b>ZTE CMPAK SECTORIZATION PROJECT</b>	ZTE	N/A
<b>ZTE CMPAK POWER SWAP</b>	ZTE	N/A
<b>ZTE CMPAK 4G INSTALLATION</b>	ZTE	N/A

<b>ZTE JAZZ 2G SWAP</b>	ZTE	N/A
<b>ZTE JAZZ MERGCO PROJECT</b>	ZTE	N/A
<b>ZTE JAZZ LTE UPGRADATION</b>	ZTE	N/A
<b>ZTE TP LTE-850 UPGRADATION PROJECT</b>	ZTE	N/A
<b>NOKIA TP 2G, 3G, LTE-850 SWAP</b>	NOKIA	N/A
<b>NOKIA TP LTE-850 UPGRADATION</b>	NOKIA	N/A
<b>NOKIA 3G UPGRADATION</b>	NOKIA	N/A
<b>NOKIA TP SECTORIZATION PROJECT</b>	NOKIA	N/A
<b>NOKIA TP POWER SWAP PROJECT</b>	NOKIA	N/A
<b>NOKIA TP ROLLOUT PROJECT</b>	NOKIA	N/A