



BISM-ALLAH AR RAHMAAN AR RAHIM

In the name of Allah, the compassionate, the merciful



GWADAR DEVELOPMENT AUTHORITY

Gwadar: The Smart Port City

“Briefing for The Parliamentary Committee on CPEC”



Dated: NOV 28, 2015

<http://www.gda.gov.pk>

GWADAR DEVELOPMENT AUTHORITY ACT

- Gwadar Development Authority came into existence under an ACT of Provincial Parliament in 2003:
 - Mandated “CONTROLLED AREA” is Tehsil Gwadar
 - Planning, development, improvement and construction of Gwadar City
 - Prepare, implement and regulate Gwadar Master Plan and its land use
 - Implement town planning, building control and environmental regulations
 - Prevent haphazard growth of city and buildings
 - GDA Town Planning and Building Control Regulations were promulgated in 2004 - 05

GDA ORGANOGRAM

Governing Body

Members:

1. Chief Minister, Chairman
2. Minister GDA
3. Area MNA
4. Area MPA
5. Chief Secretary
6. Mr. Ahmed Bakhsh Lehri (Life Time)
7. Secretary Communications(GOP)
8. Secretary Railways(GOP)
9. Additional Chief Secretary
10. Secretary Finance (GOB)
11. Chairman GPA
12. Chairman District Council
13. Director General GDA

**Chief Minister /
Chairman GDA**

**Federal – Provincial
Government
Funding & Monitoring**

**Director General
GDA**

**Town
Planning**

Engineering

**Building
Control**

**Estate & Land
Management**

Environment

Finance

Administration

**Governing
Body**

History of Gwadar : Door of Wind

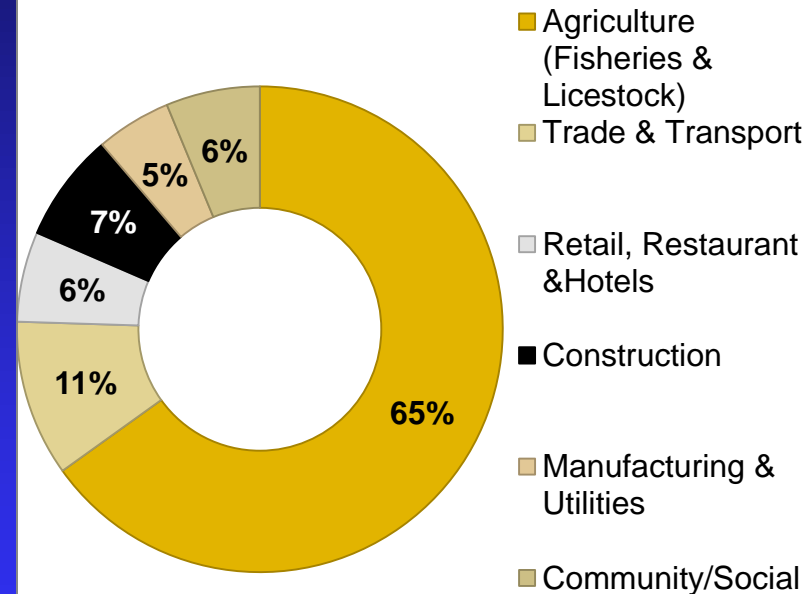
- Part of Gedrosia (Mekran) satrapy of Achaeminids Persian Empire (550 BC–330 BC)
- Fell to Greek General Seleucus Nicator in 312 BC
- Became part of Maurya Empire in 303 BC
- Captured by Arab-Muslim army in 643 AD
- Mir Naseer Khan Noori captured Gwadar in middle of 18th century
- In 1783 Mir Naseer Khan Noori handed over Gwadar, as part of his share of revenues, to Saiad Sultan a omani prince who took refuge in Gwadar after falling out with his brothers with the understanding that the area be returned to Kalat.
- Saiad Sultan ascended to the throne of Muscat in 1797 but never returned Gwadar to Kalat.
- 1958 Pakistan purchased Gwadar enclave from Oman for \$1M

GWADAR

● Population growth in Gwadar Town

Census Year	Male	Female	Total
1903	-	-	6,000
1961	-	-	8,146
1972	8,337	7,417	15,794
1981	8,713	8,287	17,000
1998	24,046	20,975	45,021

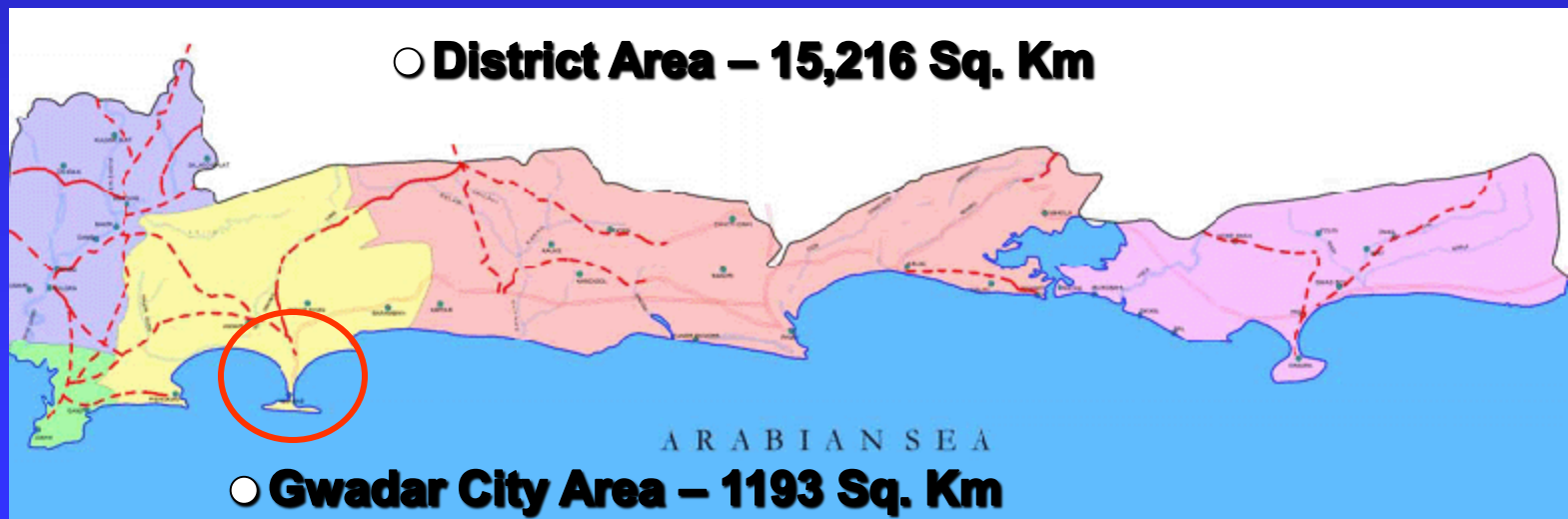
Working Population by Economic Activity (%)



Future Population Projections

Plan Year	Population
Short Term 2010	135,887
Medium Term 2030	554,344
Long Term 2050	1,777,856

● **Current population - 85,000**



Gwadar, Pakistan — the most important city you've never heard of

Last updated: 4:46 AM, October 17, 2010
Posted: 11:17 PM, October 16, 2010

The world's "busiest and most important interstate," journalist Robert D. Kaplan says, is the Indian Ocean, with 50% of all container traffic and 70% of all petroleum traffic traversing its waters. It is this region — with China and India jockeying for dominance, the United States trying to maintain its influence and unstable regimes threatening the flow of resources — that will be the setting for most of the global conflicts in the coming decades.

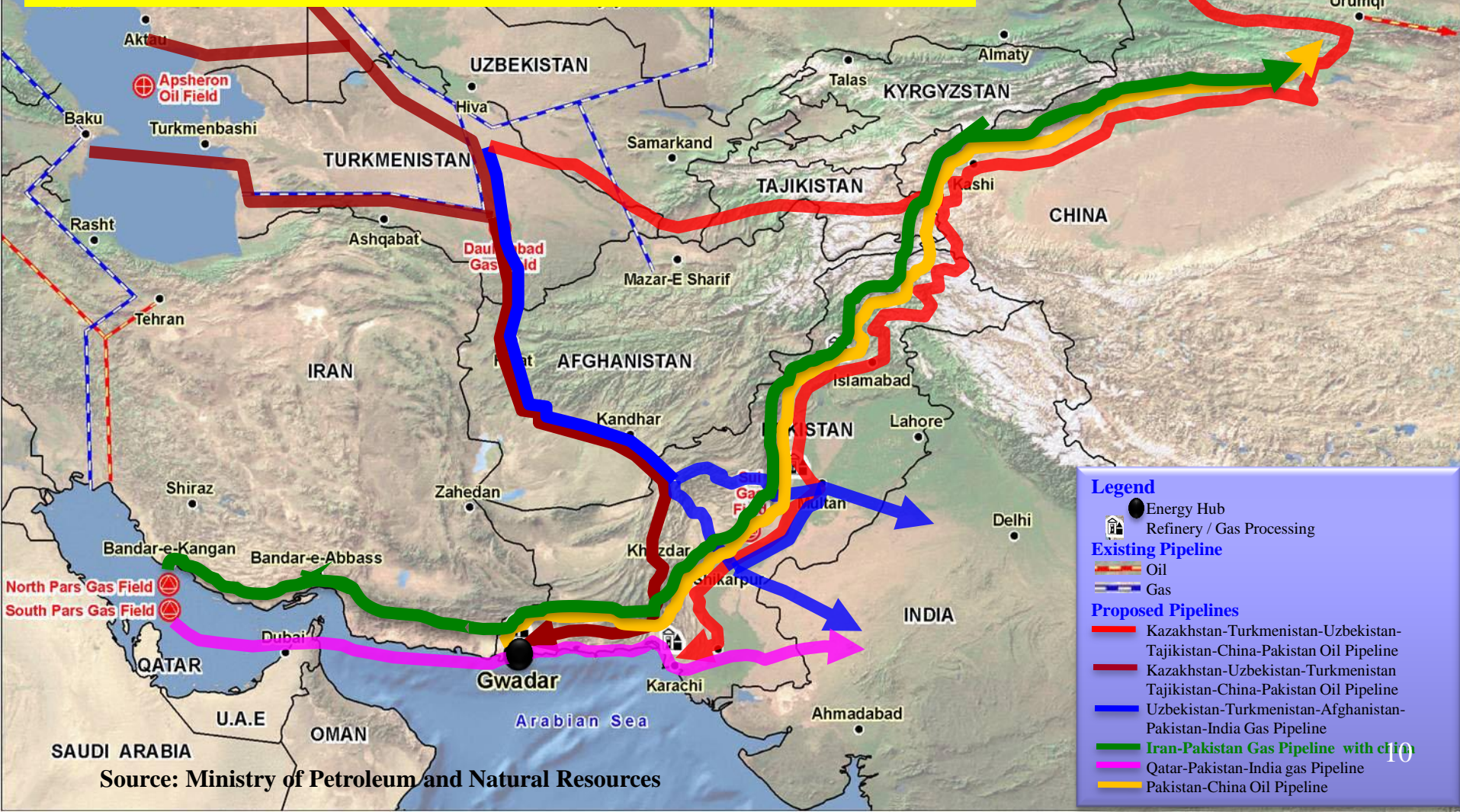
In his new book, "Monsoon: The Indian Ocean and the Future of American Power" (Random House), Kaplan notes that US leaders already realize this, with the Navy suggesting that it will not have a forward operating presence in the Atlantic, shifting to this area instead. But the battle for the Indian Ocean will not be like the conflicts of the past. China, for instance, will not be a straightforward foe like the Soviet Union.

"The real lesson here is the subtlety of the world we're entering, of which the Indian Ocean provides a salient demonstration," Kaplan says. "Instead of the hardened military bases of the Cold War and earlier epochs, there will be dual-use civilian-military facilities where basing arrangements will be implicit rather than explicit." Here, Kaplan runs down the region, including the little-known city that could loom large:

Gwadar

At the intersection of empires, the port city of Gwadar "could become the new silk route nexus," Kaplan says, but that's all tied to Pakistan's struggle against becoming a failed state. The Middle Eastern nation of Oman held Gwadar until 1958, when it was ceded to the newly formed Pakistan. Russia coveted it as a port during its long war in Afghanistan. Meanwhile, two local ethnic groups, the Baluch and the Sindhi, battle for their own independent nations. Now the Chinese are funding a

Port City of Gwadar as the Asian Energy Hub for receipt, storage, processing and trans-shipment to S.E. Asia, Far East and even to US market



Source: Ministry of Petroleum and Natural Resources

TRADITIONAL TRADING ROUTE FOR ASIAN INDUSTRIALISED NATIONS



Source: Ministry of Communications

TRADING ROUTE AS CONCEIVED THROUGH PAKISTAN

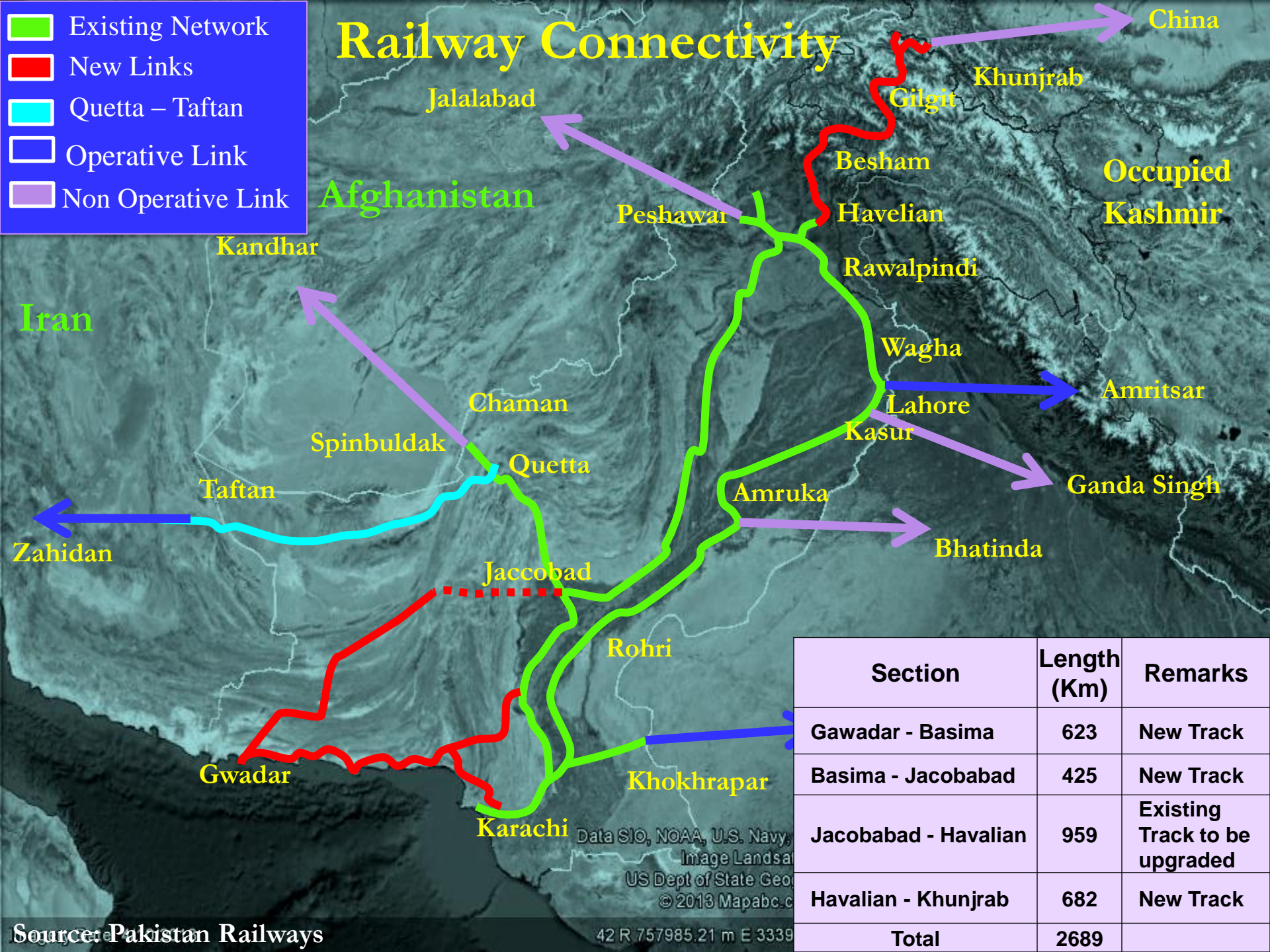


South-western province of China- Xinjiang is 2400 km from Gwadar

Source: Ministry of Communications

Railway Connectivity

- Existing Network
- New Links
- Quetta – Taftan
- Operative Link
- Non Operative Link



Section	Length (Km)	Remarks
Gawadar - Basima	623	New Track
Basima - Jacobabad	425	New Track
Jacobabad - Havelian	959	Existing Track to be upgraded
Havelian - Khunjrab	682	New Track
Total	2689	

Data SIO, NOAA, U.S. Navy,
Image Landsat
US Dept of State Geo
© 2013 Mapabc.c

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GWADAR MASTER PLAN

- Gwadar Master Plan was prepared by NESPAK in 2002 and approved by Government of Balochistan in 2003
- Final approval was granted by the President of Pakistan in 2004 with some modifications
- On direction of Honorable PM, the Gwadar Master Plan is being reviewed to develop Gwadar as a Smart Port City

GWADAR CITY MASTER PLAN FOR Smart Port City

HONORABLE
PRIME MINISTER
: SMART



The Government of Pakistan intends to prepare a 'Smart City' Master Plan for Gwadar. The current analysis will build on previous plans in order to identify actionable items that can be implemented immediately. For planning purposes, all avenues must be considered, with special emphasis on the latest thinking in sustainability, economic clustering, physical, social and intellectual capital, information technology and the development of a regulatory environment that facilitates economic growth. The broad objectives of the study are as follows:

- Creating the vision and guiding strategic objectives for Gwadar City
- Updating the existing Master Plan of Gwadar City and its integration with the Master Plan of the Gwadar Port

Creating an inclusive and sustainable strategic development plan that ensures the socio-economic uplift of the Makran Coast in general and the Gwadar Region in particular

Commending regulatory interventions and ways means to develop Gwadar as a 'Special Economic Zone' and ensure near-term economic (including trickle down effects)

Identifying Gwadar's competitive advantages vis-a-vis regional ports and developing a business case for the port, its contribution to growth, market creation, industrialization, tourism and revenue generation

Developing strategies to facilitate trade, tourism, community participation, public-private partnerships and industrial and economic development on a national and regional level

Ensuring resilience for climate change adaptability, disaster preparedness, infrastructure, energy production, environmental quality of life & property, disaster risk reduction and mitigation

Transforming Gwadar into a port of international standards and a smart, sustainable city that can drive local, national and regional growth in the coming decades

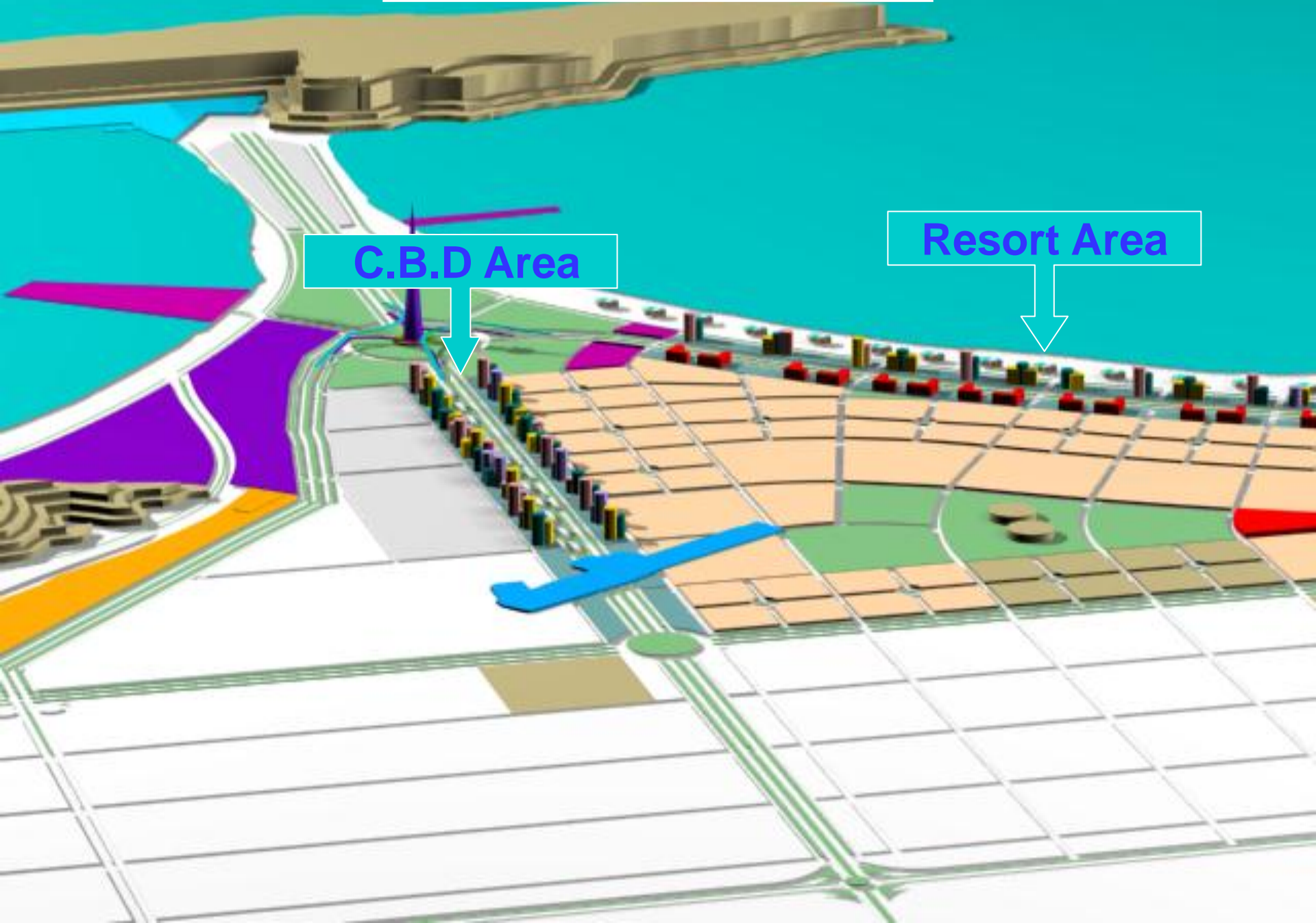
...um / joint ventures), with the requisite technical expertise and undertaking the project.

...ity criteria are available on the Planning Commission's website at ... sending an email to mem_infra@pc.gov.pk The procurement will ... process (technical and financial proposals). Proposals containing all ... document should be received by post and in soft copy before 16th march 2015



Member (Infrastructure & Regional Connectivity),
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FUTURE GWADAR

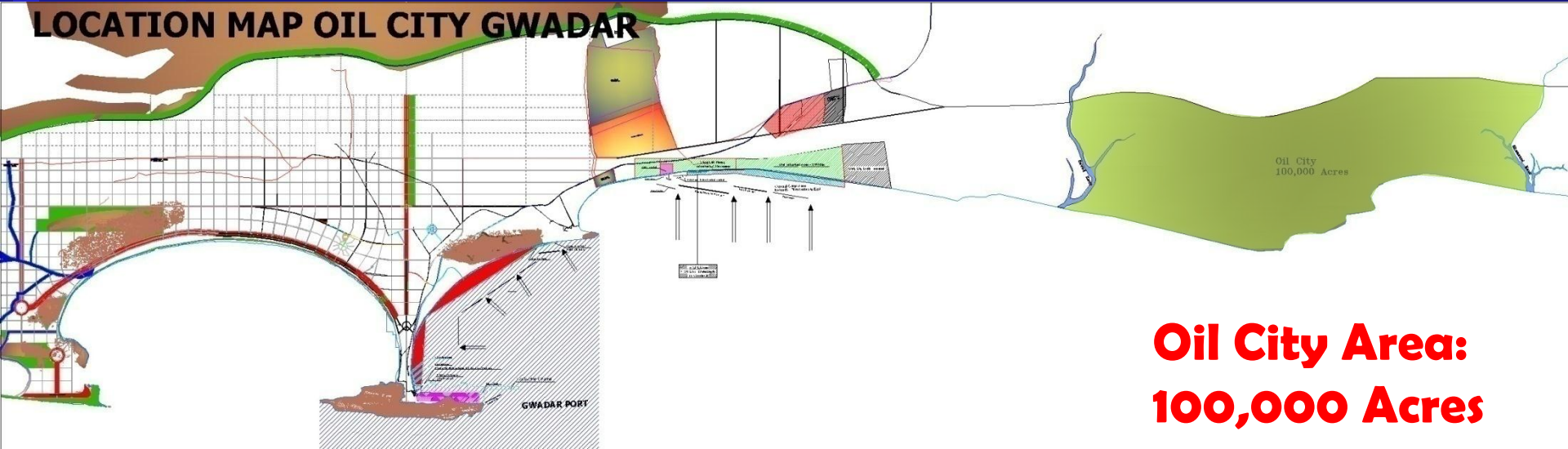


C.B.D Area

Resort Area

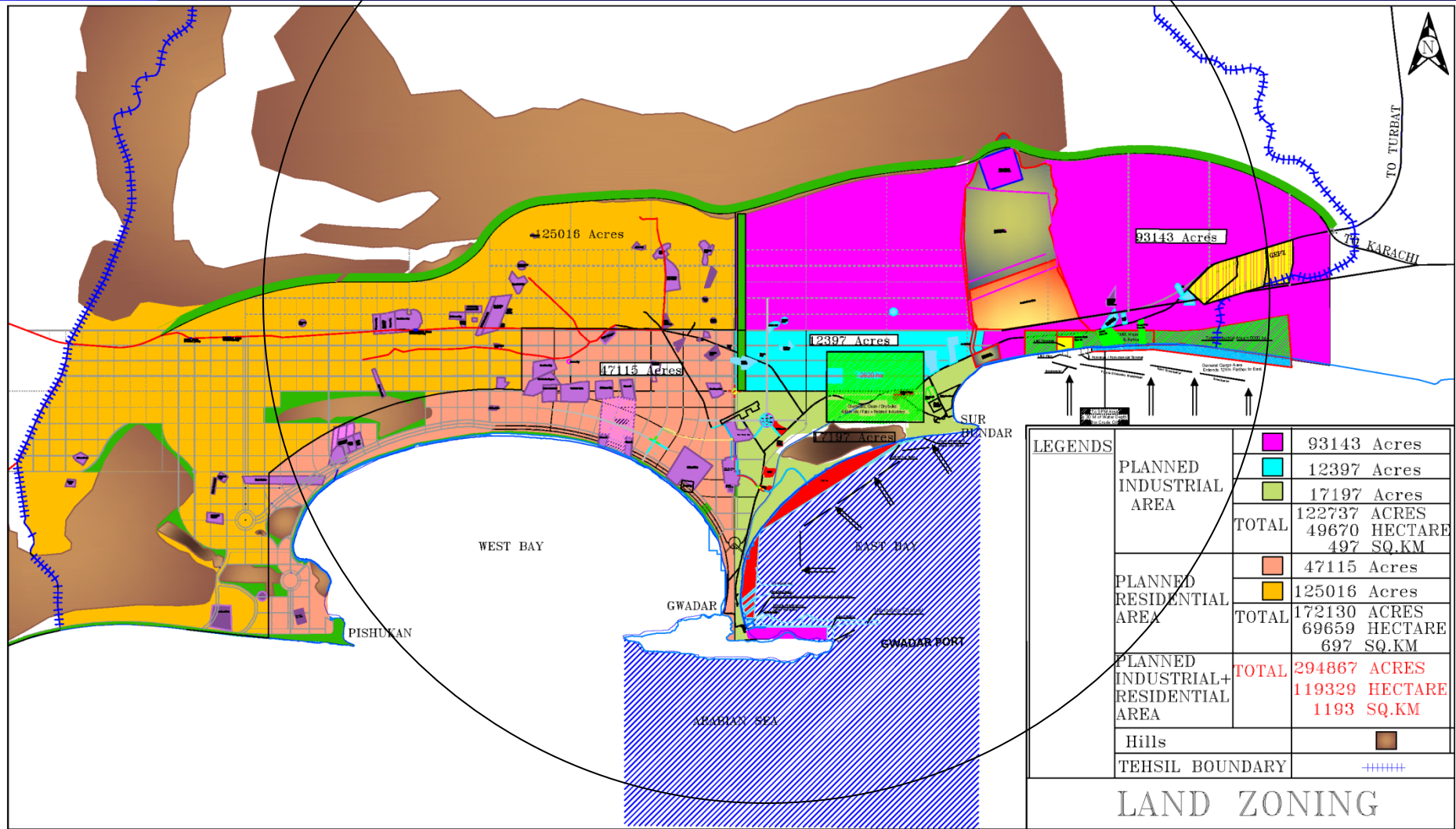
OIL CITY GWADAR

LOCATION MAP OIL CITY GWADAR



**Oil City Area:
100,000 Acres**

For the Accelerated Growth of Economy, The Gwadar Master Plan Area is proposed to be declared as Special Economic Zone



Preferential Tax Policy

- FBR and BOI are in process of finalizing a preferential tax policy
- Exemption of custom duty on import of machinery, equipment and other items for setting up power plants, water plants and other infrastructure projects within a radius of 30 km
- Exemption of whole custom duty for concession holder for construction and operation of Gwadar port and development of free zone for import of material and equipment, not manufactured locally
- Import of raw material and export are exempted in Free Zone

Private housing societies, industrial and commercial projects

S.#	TYPE OF SCHEME	NO. OF SCHEMES	AREA (in Acre)
1.	HOUSING	74	12589.45
2.	INDUSTRIAL	15	2586.8
3.	COMMERCIAL	06	298
4.	RECREATIONAL	04	380
5.	AMENITIES	01	40
6.	HIGHRISE BUILDINGS	11	-
	TOTAL	110	15,894.25

SANGAR – A Premium Housing Society

- PHASE I (700 ACRE)
- PHASE II (500 ACRE)
- PHASE III (400 ACRE)
- PHASE IV (300 ACRE)
- PHASE V (600 ACRE)



ARABIAN SEA

ARABIAN SEA

- Total Area (Phase I to IV) = 1900 Acres
 - Total Area (Proposed Phase V) = 600 Acres
- TOTAL LAND = 2500 Acres**



CHINA-PAKISTAN ECONOMIC CORRIDOR



ISLAMABAD: Federal Minister for Planning, Development and Reforms Ahsan Iqbal and Zhang Xiaoqiang, Vice Chairman, National Development and Reforms Commission, inaugurate 'Pak-China Economic Corridor Secretariat' in Planning Commission. - INP Photo

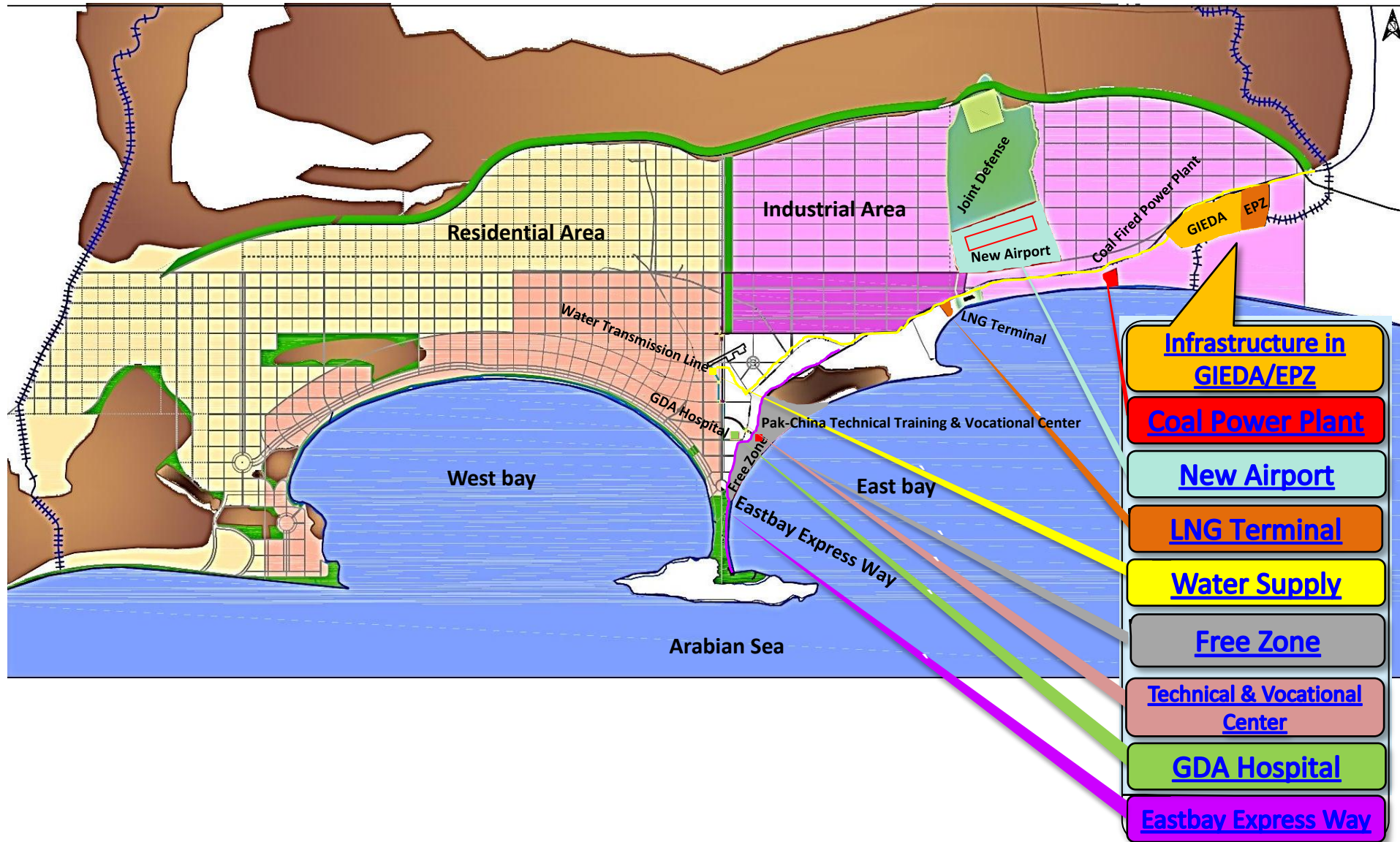
**Transport, Energy and Telecom.
corridor — from Kashgar to
Khunjerab and Gwadar**

Total Investment Volume = \$40-45 B

Gwadar Projects = \$ 2.0 B

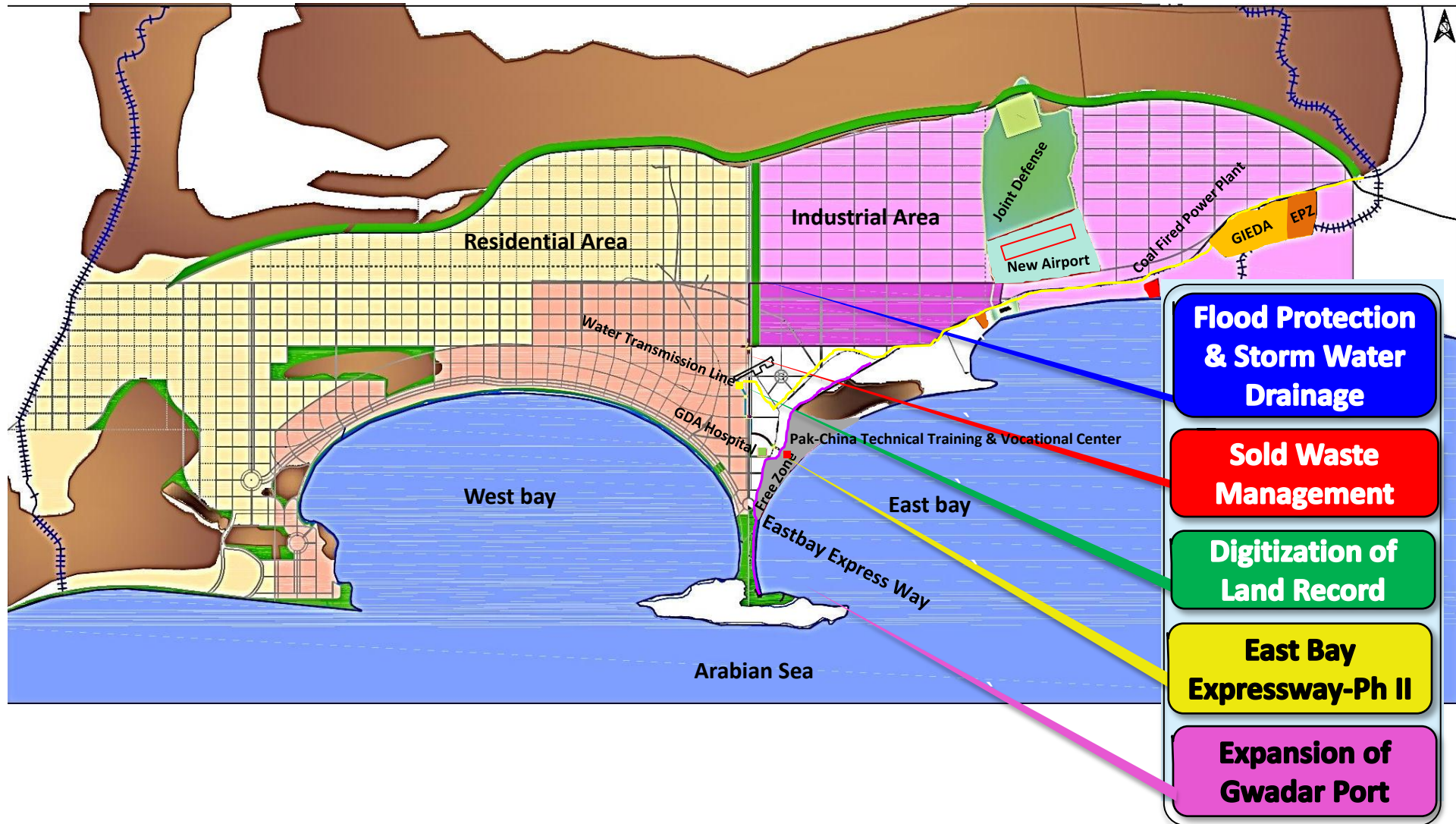
LOCATION OF CPEC PROJECTS

Early Harvest Projects



LOCATION OF CPEC PROJECTS – Ph: II

Early Harvest Projects



NEW GWADAR INTERNATIONAL AIRPORT

Estimated Cost: \$ 220 M

Area: 4300 Acres



INSTALLATION OF 300 MW COAL-FIRED POWER PLANT

MAKRAN DIVISION

Expected Investment Cost: \$ 552 M

Makran Division Peak Hour Electric Load 85 MW

Future Demand

2020 - 130

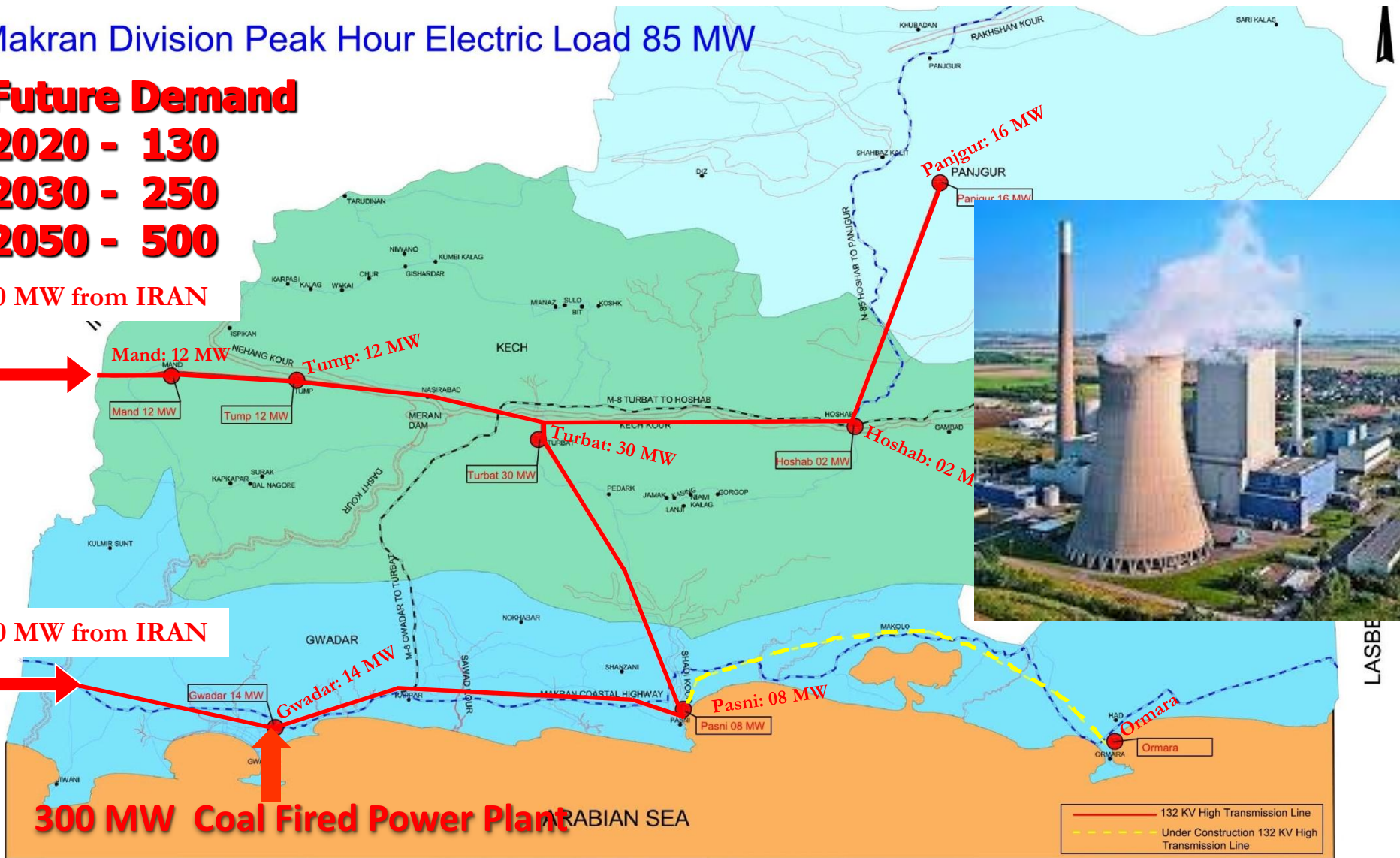
2030 - 250

2050 - 500

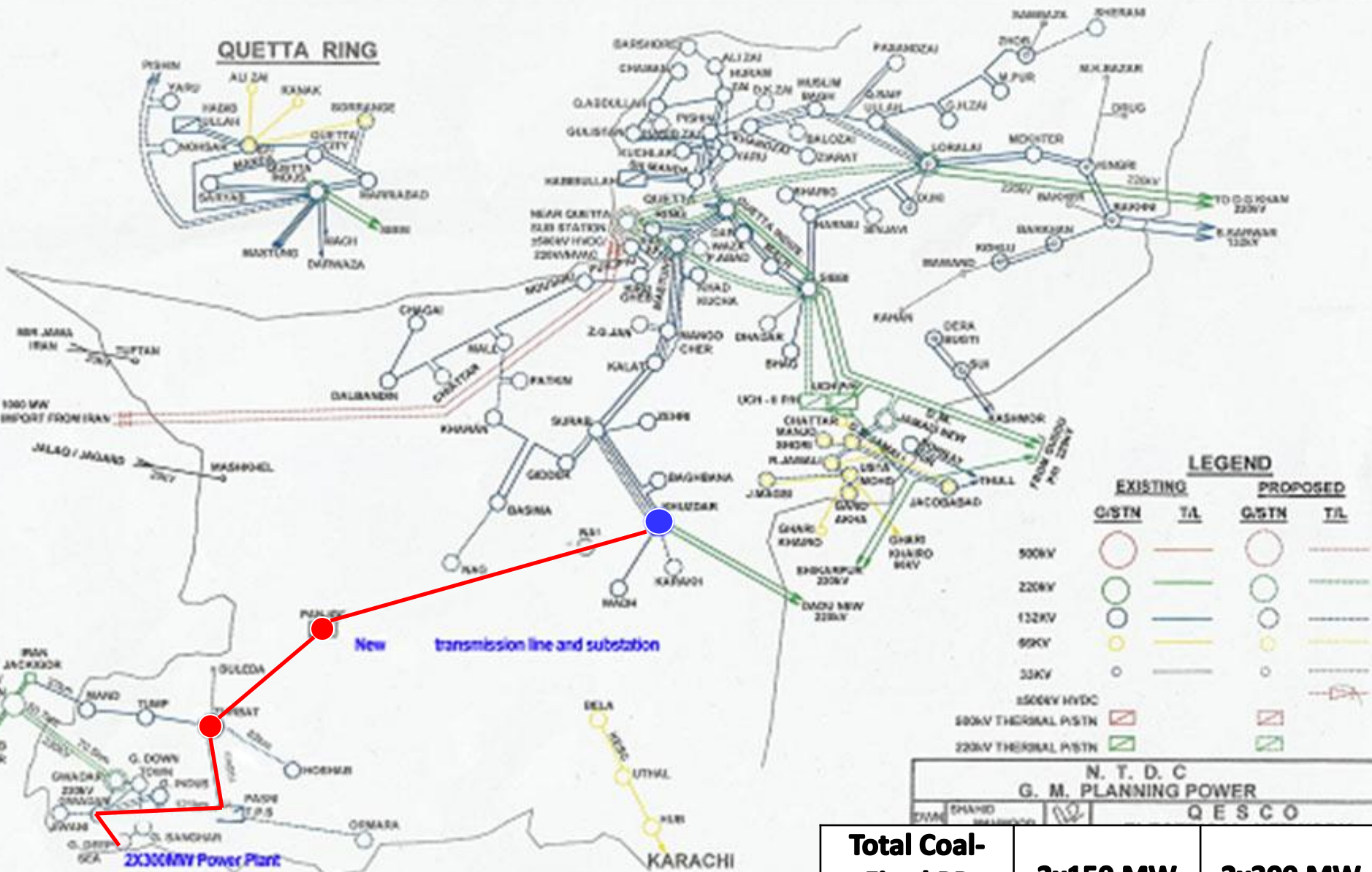
70 MW from IRAN

100 MW from IRAN

300 MW Coal Fired Power Plant



LASBE



Investment of new transmission lines (770 KM)

**220KV
358 M\$**

Total Coal-Fired PP investment (kUSD)	2x150 MW	2x300 MW
		552,116

N. T. D. C
G. M. PLANNING POWER
QESCO

CPEC/EHP: FRESH WATER SUPPLY & WASTE WATER TREATMENT SYSTEM, GWADAR

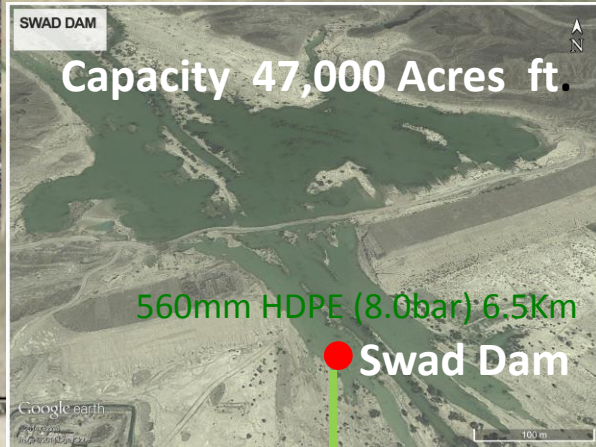
Current Demand= 4.6 MGD

Capacity = 2.880 MGD



Ankara Dam

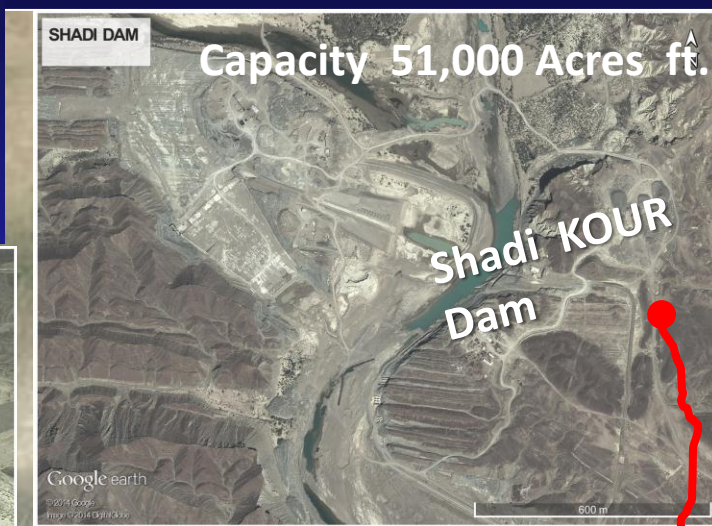
Future Demand
2020 - 12.00 MGD
2030 - 30.08 MGD
2050 - 108.3 MGD



SWAD DAM
 Capacity 47,000 Acres ft.

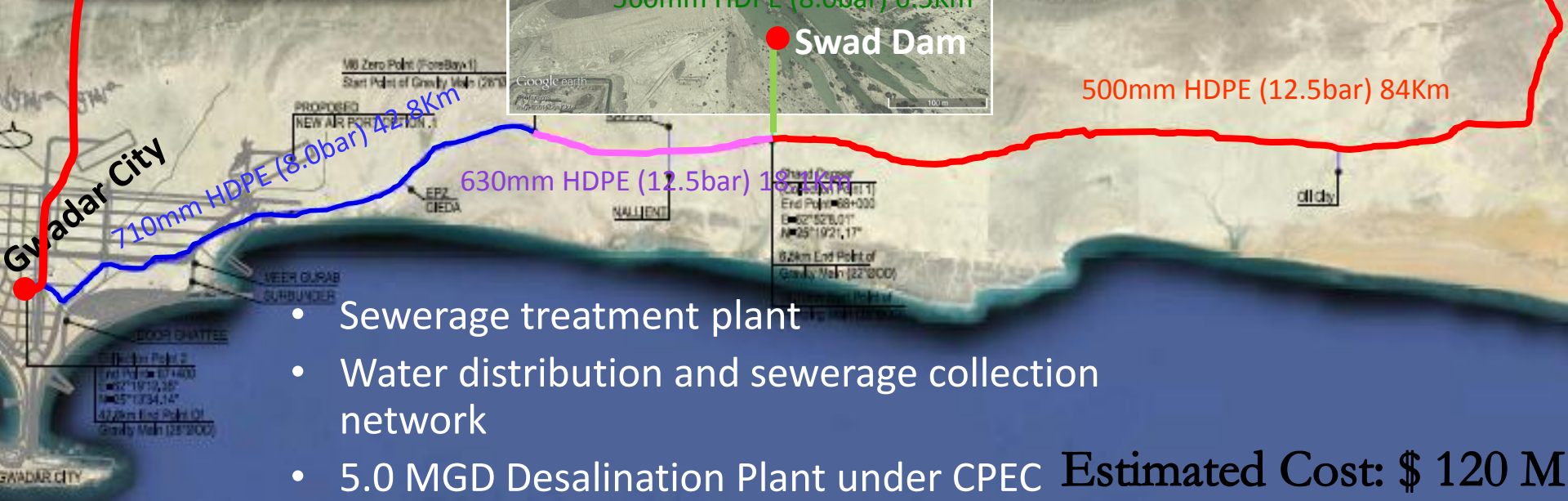
560mm HDPE (8.0bar) 6.5Km

Swad Dam



SHADI DAM
 Capacity 51,000 Acres ft.

Shadi KOUR Dam



500mm HDPE (12.5bar) 84Km

630mm HDPE (12.5bar) 18.5Km

710mm HDPE (8.0bar) 42.8Km

- Sewerage treatment plant
- Water distribution and sewerage collection network
- 5.0 MGD Desalination Plant under CPEC

Estimated Cost: \$ 120 M

DESALINATION PLANT

- Sangar Housing Scheme desalination Plant (capacity 0.2 MGD)
- M/S Golden Palms' desalination plant (capacity 0.4 MGD) has started production.
- GPA desalination plant (capacity 0.1 MGD) has started production.
- BDA desalination plant at Karwat (capacity 2.00 MGD)
- 5MGD Desalination Plant Financed through CPEC in approval process at Planning Commission



Iran Pakistan Gas Pipeline

Passing Through Gwadar

FOR GWADAR	250 MMCFD
FOR REST OF COUNTRY	750 MMCFD
TOTAL	1000 MMCFD



ECC approves 700km LNG pipeline project

By Khaleeq Kiani

Updated Oct 03, 2014 10:21am



— File photo

500 MMCFD
LNG TERMINAL

ISLAMABAD: The Economic Coordination Committee (ECC) of the cabinet on Thursday approved construction of 700km Gwadar-Nawabshah pipeline to transport liquefied natural gas (LNG). The pipeline would also facilitate Iran-Pakistan pipeline project if international sanctions on Tehran go.

The meeting presided over by Finance Minister Ishaq Dar approved the Gwadar-Nawabshah LNG Terminal and Pipeline Project under which a 700km pipeline of 42-inch diameter would be laid along with two compressor stations.

The terminal will have the capacity to handle up to 500 million cubic feet per day (mmcf) of gas.

50 BEDDED HOSPITAL AND RESIDENTIAL FACILITIES

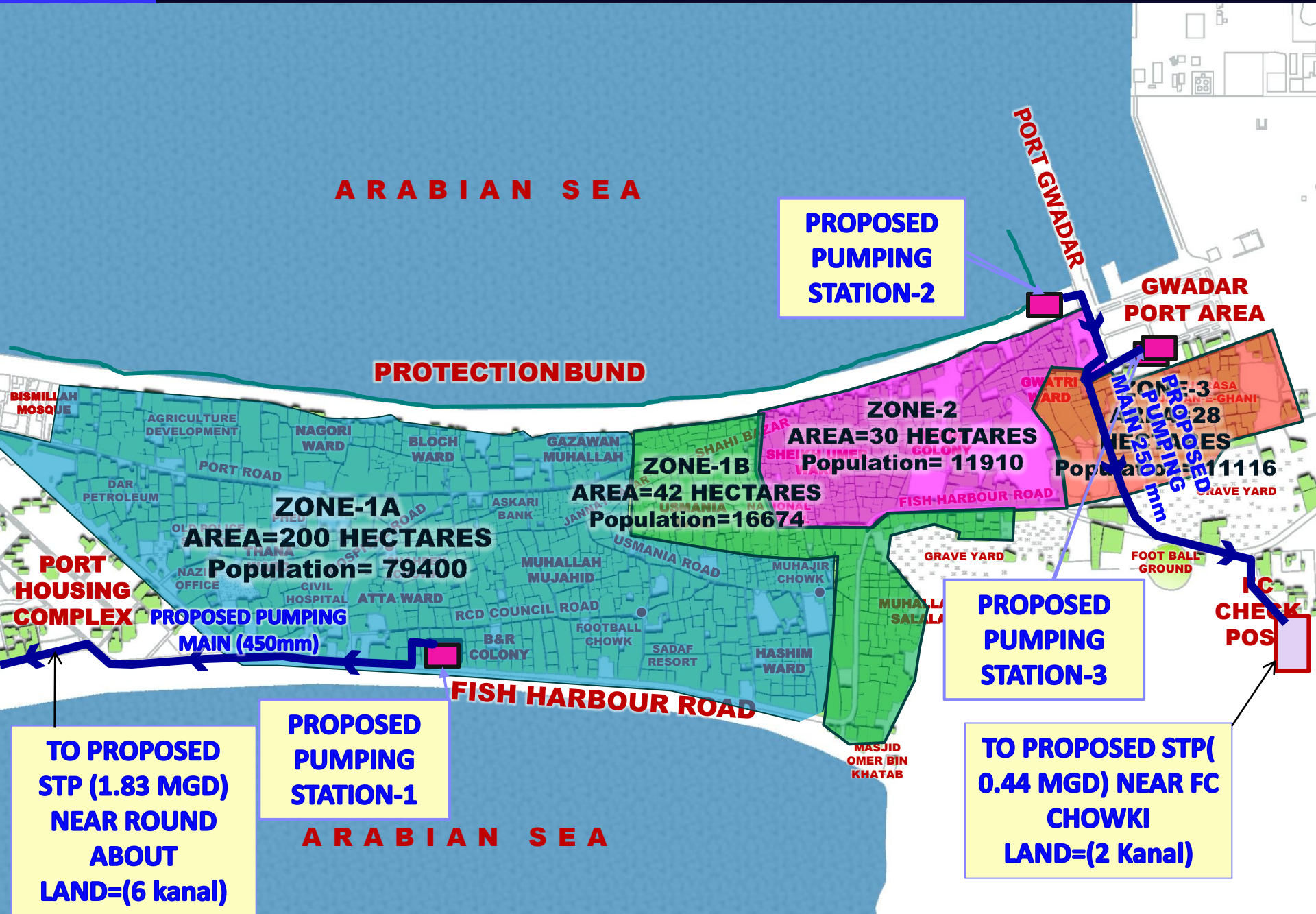


DOCTORS RESIDENCE



Other Infrastructure Projects

Sewerage Collection and Treatment System of Old City



ARABIAN SEA

PROTECTION BUND

ZONE-1A

AREA=200 HECTARES

Population=79400

ZONE-1B

AREA=42 HECTARES

Population=16674

ZONE-2

AREA=30 HECTARES

Population=11910

PORT HOUSING COMPLEX

PROPOSED PUMPING MAIN (450mm)

PROPOSED PUMPING STATION-1

TO PROPOSED STP (1.83 MGD) NEAR ROUND ABOUT LAND=(6 kanal)

ARABIAN SEA

FISH HARBOUR ROAD

PROPOSED PUMPING STATION-2

PORT GWADAR

GWADAR PORT AREA

PROPOSED PUMPING STATION-3

TO PROPOSED STP (0.44 MGD) NEAR FC CHOWKI LAND=(2 Kanal)

PROPOSED PUMPING MAIN (250mm)

FC CHECK POS

VIEW OF SEWAGE TREATMENT PLANTS

Bio Filter Tower



**Capacity of Sewage Treatment Plant:
35,000 Gallons Per Day**

Central Park



AIRPORT ROAD



MARINE DRIVE / SHORE PROTECTION



PROJECT PICTORIAL VIEW



MAIN CIRCLE - THE HEART OF C.B.D



Construction of Airport Road from Javed Complex to Moulla Fazal Chowk



GDA PUBLIC HIGHER SECONDARY SCHOOL



APARTMENT FOR THE FACULTY



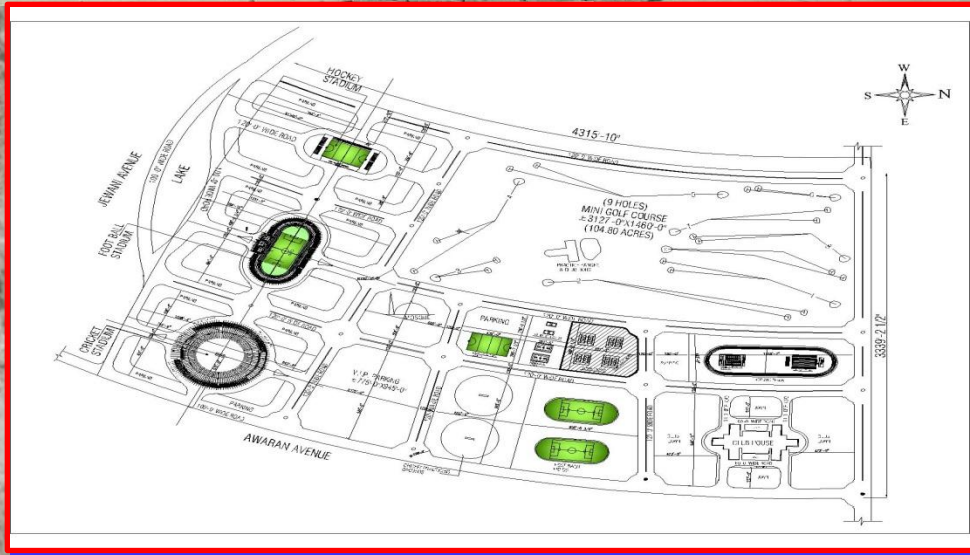
STUDENT HOSTEL



DISTRICT AND PROVINCIAL OFFICE COMPLEX



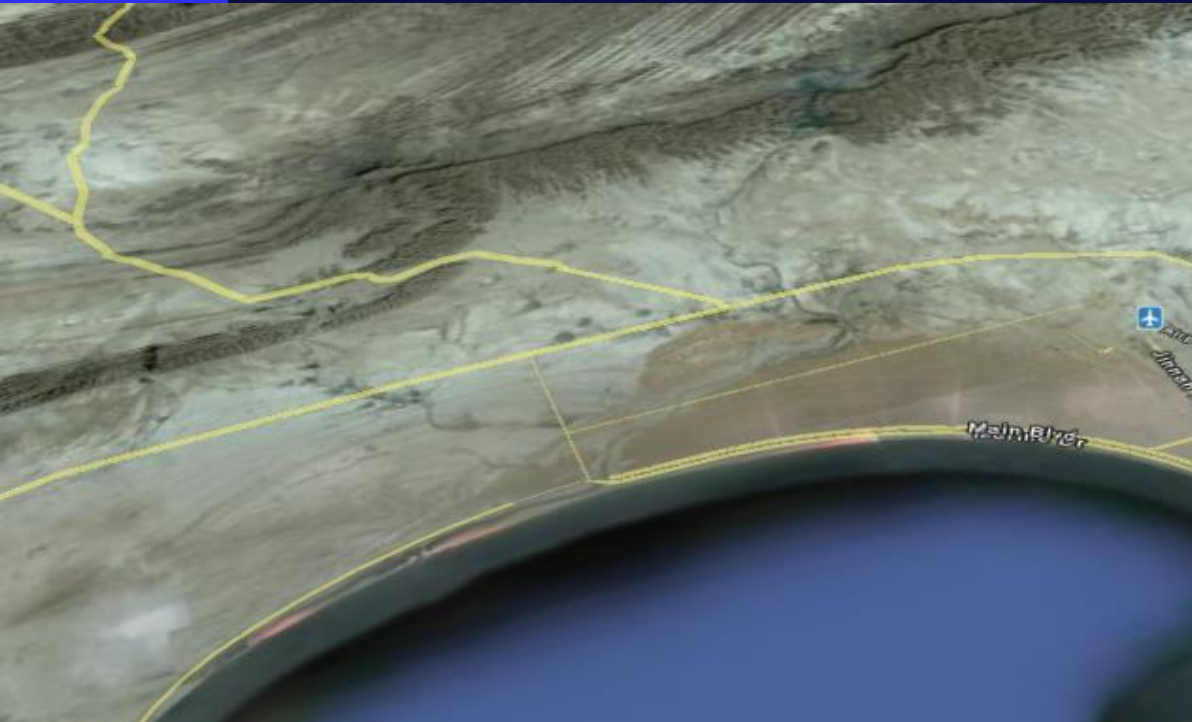
SPORT COMPLEX



GWADAR INSTITUTE OF TECHNOLOGY



CONSTRUCTION OF FISH LANDING JETTIES AT SURBANDAR AND PISHUKAN, GWADAR



SURBANDAR JETTY



Gwadar



PISHUKAN JETTY

SURBANDAR JETTY



PISHUKAN JETTY



Admin Block Pishukan Jetty



Auction Hall Pishukan Jetty



MOU on Pro Bono Projects in the Gwadar Region Between Ministry for Planning, Development and Reform of the Islamic Republic of Pakistan And International Department of the Central Committee of the Communist Party of China

- ◆ Health
- ◆ Education
- ◆ Fisheries
- ◆ Tourism

Agreement of Cooperation for Donating a Primary School Building in Gwadar Region of the Islamic Republic of Pakistan

By China Foundation for Peace and Development



SISTER CITY RELATIONSHIPS BETWEEN GWADAR - KARAMAY & GWADAR-ZHUHAI



Karamay



Gwadar



Zhuhai

TOURISM POTENTIAL



TOURISM DEVELOPMENT

GOLF COURSE
AT AKRA KAUER RIVER



- **Availability of large open spaces, beautiful, clean and unpolluted beaches**
- **Highway along the coast and rare mud volcanoes**
- **Close proximity to Gulf countries**
- **Gwadar fits well within Pakistan's tourism potential**









کنڈ ملیر
Kund
Malir

























Thank You

