



Civil Aviation Authority of Nepal

Airport Infrastructures Development in Nepal

Airports of Nepal (54 Nos)


1. Baglung Balewa
2. Baitadi (Patan)
3. Bajhang Airport
4. Bajura Airport
5. Bhairahawa Airport
6. Bharatpur
7. Bhojpur Airport
8. Biratnagar Airport
9. Chandragadhi
10. Dang Airport
11. Darchula (Gokuleshor) Airport
12. Dhangadhi
13. Dhorpatan Airport
14. Dolpa (Juphal)
15. Dolpa (Masinechaur)
16. Doti
17. Falgunananda Illam Airport
18. Gulmi Resunga Airport
19. Janakpur
20. Jiri
21. Jomsom
22. Jumla
23. Kalikot Airport
24. Kamalbazar Airport (Achham)
25. Kangeldanda
26. Khiji Chandeshwori Airport
27. Lamidanda
28. Langtang Airport
29. Lukla
30. Mahendranagar Airport
31. Manang Airport
32. Manmaya Rai Khanidanda
33. Meghauri Airport
34. Nepalgunj
35. Palungtar
36. Phaplu
37. Pokhara
38. Rajbiraj
39. Ramechhap
40. Rara
41. Rolpa Airport
42. Rukum (Chaujahari)
43. Rukum/Musikot/ Salle)
44. Rumjatar
45. Sanfebagar Airport (Achham)
46. Simara
47. Simikot
48. Surkhet Birendranagar
49. Syangboche
50. Taplejung Airport Project
51. Thamkharka
52. TIA
53. Tikapur Airport
54. Tumlingtar

Operational Airports (32 Airports)

1. Bajura Airport
2. Bhairahawa Airport
3. Bharatpur Airport
4. Bhojpur Airport
5. Biratnagar Airport
6. Chandragadhi Airport
7. Dang Airport
8. Dhangadhi Airport
9. Dolpa (Juphal)
10. Janakpur Airport
11. Jomsom Airport
12. Jumla Airport
13. Khanidanda Airport
14. Lamidanda Airport
15. Lukla Airport
16. Nepalgunj Airport
17. Phaplu Airport
18. Pokhara Airport
19. Rajbiraj Airport
20. Ramechhap Airport
21. Rara Airport
22. Rukum (Chaujahari)
23. Rukum (Musikot/ Salle)
24. Rumjatar Airport
25. Sanfebagar Airport
26. Simara Airport
27. Simikot Airport
28. Surkhet (Birendranagar)
29. Taplejung Airport
30. Thamkharka Airport
31. TIA
32. Tumlingtar Airport



Non Operational Airports (22 Airports)

- 
1. Baglung Balewa Airport
 2. Baitadi (Patan) Airport
 3. Bajhang Airport
 4. Darchula (Gokuleshor) Airport
 5. Dhorpatan Airport
 6. Dolpa (Masinechaur) Airport
 7. Doti Airport
 8. Gulmi Airport
 9. Illam Airport
 10. Jiri Airport
 11. Kalikot Airport
 12. Kamalbazar Airport
 13. Kangelanda Airport
 14. Khiji Chandeshowri Airport
 15. Langtang Airport
 16. Mahendranagar Airport
 17. Manang Airport
 18. Meghauli Airport
 19. Palungtar Airport
 20. Rolpa Airport
 21. Syangboche Airport
 22. Tikapur Airport



New Airports Under Construction


1. Arghabhagawati Airport (Arghakhachi)
 2. Pokhara Regional International Airport
- 

New Proposed Airports of Nepal (13 Nos)

1. Dang Narayanpur Airport
2. Dhankuta*
3. Dharan*
4. Gudel (Solukhumbu)*
5. Humla (Madanakhaula)*
6. Pachthar (Ranitar)*
7. Pyuthan Sworgadwari Airport*
8. Nijgadh International Airport (NIA)*
9. Tehrathum (Chuhandanda)*
10. Udaypur (Jogidaha)*
11. Baglung Arnakot
12. Kavre
13. Charang (Mustang)



Paved Airports (35 Airports)

- 
- | | | |
|-------------------------|-------------------------------|--------------------------------|
| 1. Baitadi Airport | 13. Jomsom Airport | 25. Rukum (Chaujahari) |
| 2. Bajura Airport | 14. Jumla Airport | 26. Rukum (Musikot/ Salle) |
| 3. Bhairahawa Airport | 15. Lamidanda Airport | 27. Rumjatar Airport |
| 4. Bharatpur Airport | 16. Lukla Airport | 28. Sanfebagar Airport |
| 5. Bhojpur Airport | 17. Manang Airport | 29. Simara Airport |
| 6. Biratnagar Airport | 18. Manmaya Rai
Khanidanda | 30. Simikot Airport |
| 7. Chandragadhi Airport | 19. Nepalgunj Airport | 31. Surkhet
(Birendranagar) |
| 8. Dang Airport | 20. Phaplu Airport | 32. Taplejung Airport |
| 9. Dhangadhi Airport | 21. Pokhara Airport | 33. Thamkharka Airport |
| 10. Dolpa (Juphal) | 22. Rajbiraj Airport | 34. TIA |
| 11. Doti Airport | 23. Ramechhap Airport | 35. Tumlingtar Airport |
| 12. Janakpur Airport | 24. Rara Airport | |



Asphalt Concrete Overlay Completed Recently

1. Bhadrapur Airport
 2. Biratnagar Airport
 3. Janakpur Airport
 4. Tribhuvan International Airport
 5. Bharatpur Airport
 6. Bhairahawa Airport
 7. Nepalgunj Airport
 8. Dhangadhi Airport
- 



Asphalt Concrete Completed Recently

- 
1. Baitadi Airport
 2. Doti Airport
 3. Sanfebagar Airport
 4. Lamidanda Airport
 5. Thamkharka Airport
 6. Bhojpur Airport
 7. Dolpa Juphal Airport
 8. Rajbiraj Airport



Airports under Construction for Paving & Overlay

1. Dolpa (Masinechaur)
 2. Kalikot Airport
 3. Bajhang Airport
 4. Balewa Airport
 5. Gulmi Airport
 6. Illam Airport
 7. Tumlingtar Airport
 8. Surkhet Airport
- 



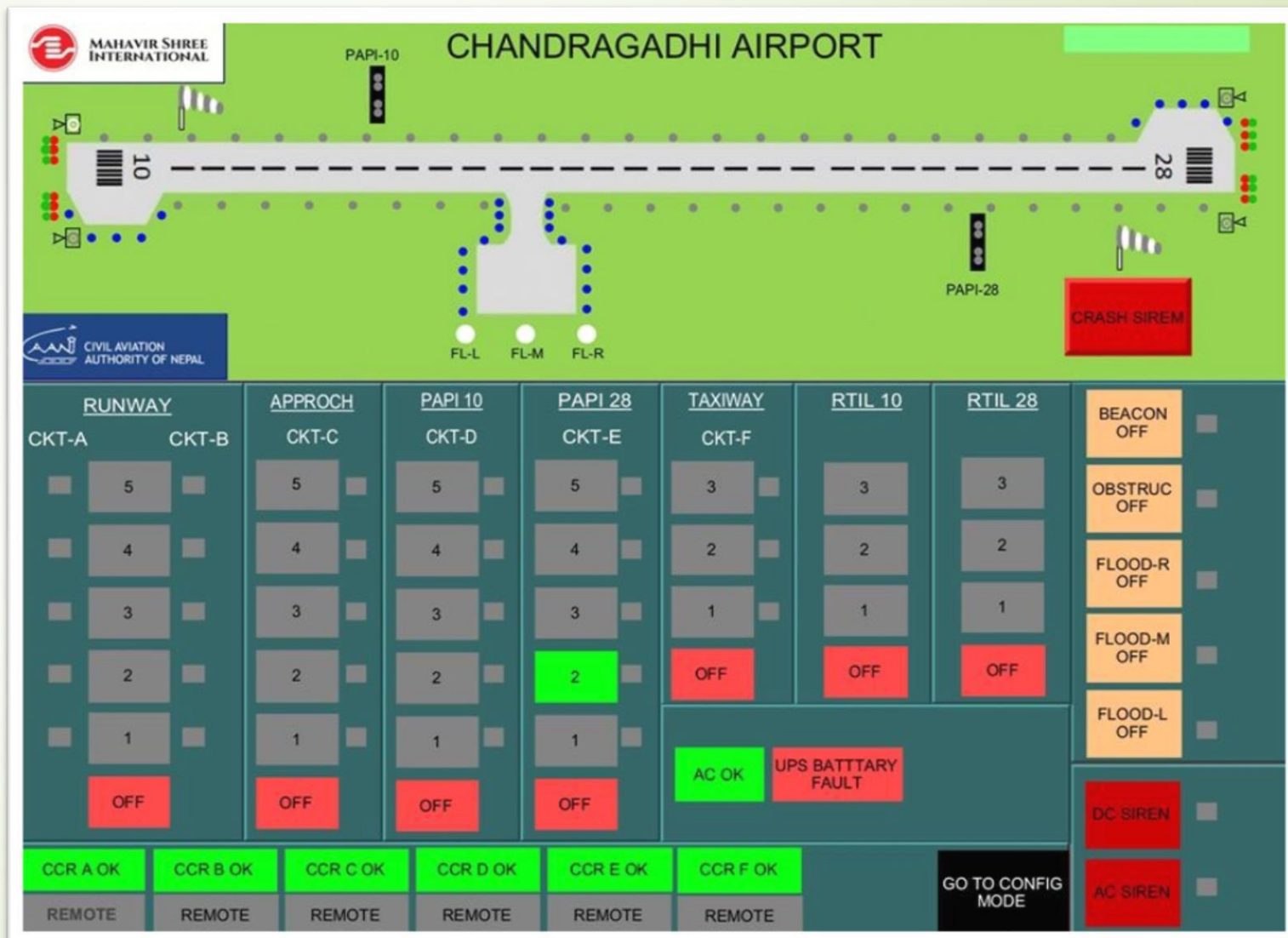
Night Landing Facilities

- Bhadrapur Airport
 - Biratnagar Airport
 - Simara Airport
 - Janakpur Airport
 - Bhairahara Airport
 - Nepalgunj Airport
 - Dhangadhi Airport
 - Tribhuvan Int'l Airport
- 

Night Landing Facilities at Chandragadhi Airport

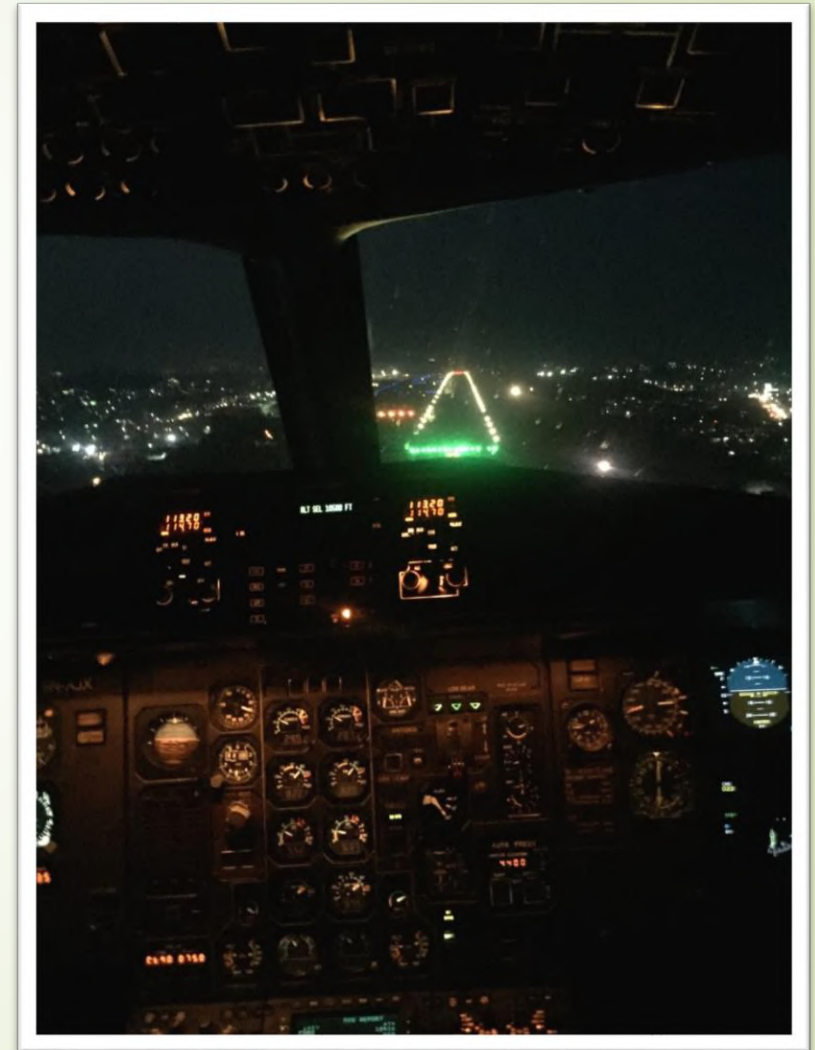
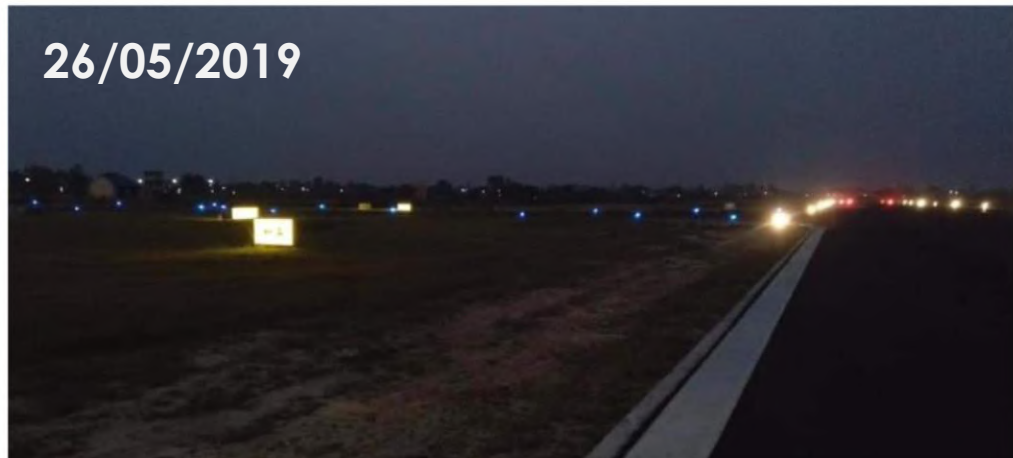


17/10/2075



Night Landing Facilities at Janakpur Airport

26/05/2019



Rescue and Fire-Fighting Services



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Domestic Hub Airports

Biratnagar Airport

Runway: 1520 m

Overlay Work completed

Contractor: Kancharam Mritasanjiwani JV

Duration: 1 year (completed on 74-75)

New Taxiway and Apron Expansion

Contractor: Kancharam Construction

Duration: 1 year (completed on 75-76)

Helipad Construction

One MI-17 helicopter

Duration: 1.5 years (completed on 74-75)

Commercial Building Completed

Project Development Cost: 30 crore

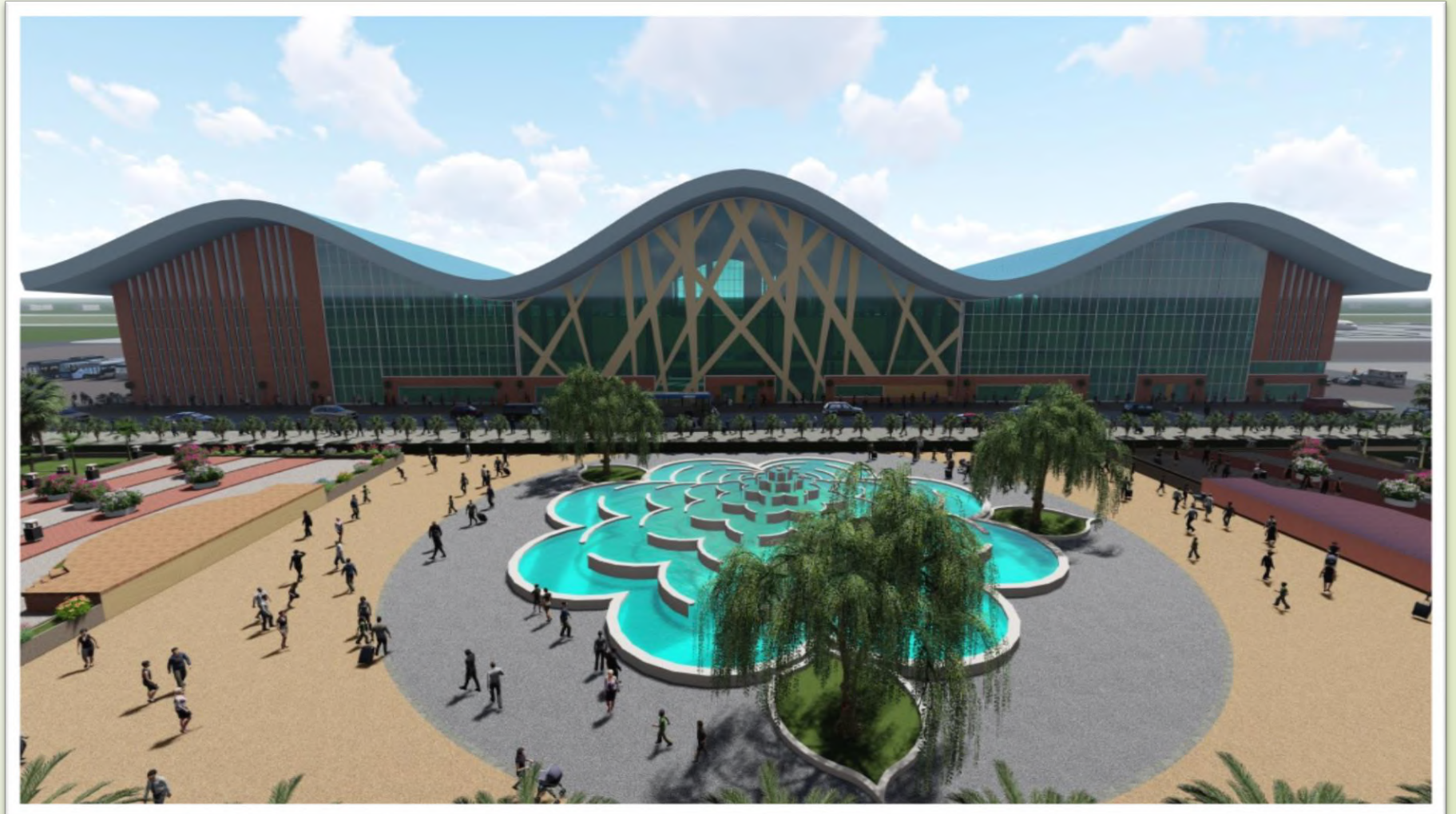


Biratnagar Airport

Terminal Building

Design Completed

Estimate around 2.79 Arab



Biratnagar Airport

Staff Quarter

Design Completed

Estimate around 13 Crores

16 Families,
2-BHK Apartment



Biratnagar Airport

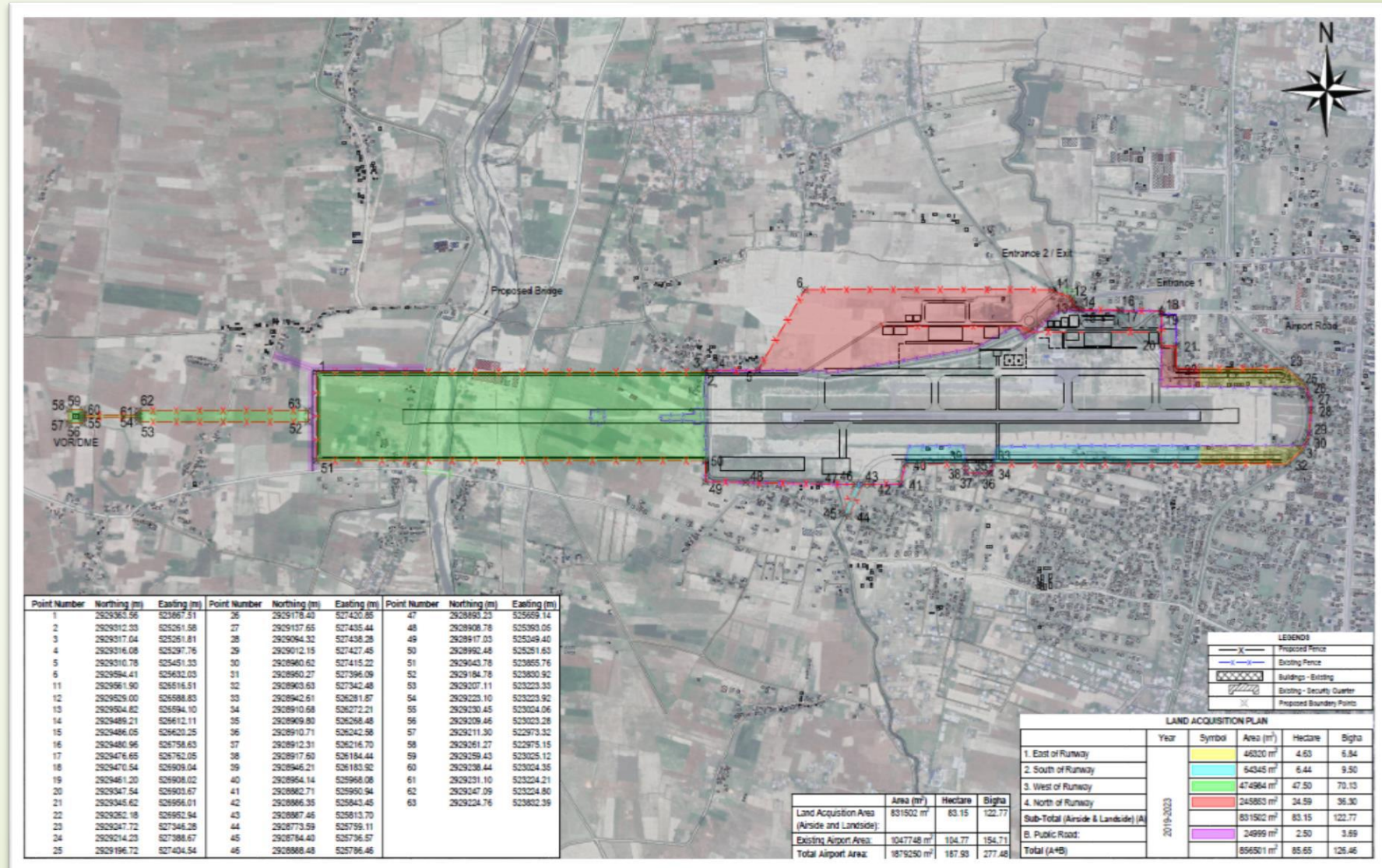
Masterplanning Completed

126.46 Bigha land to be Acquired

A-320, B737 or equivalent aircraft can be operated from the Airport

Runway of 3000 meters,

47.71 Arab Nrs cost as per Master Plan



Biratnagar Airport

Presentation of
Master Plan



Biratnagar Airport in next 5 years

1. Land Acquisition Completed
2. Pavement strengthening for the operation of CRJ-700, Dash 8 or equivalent aircrafts.
3. New Terminal Building Completed
4. Runway 1640m x 30m,
5. Parallel Taxiway of 840m
6. New Apron of 14,000 sq. m towards east of existing apron
7. New multi-storey staff quarter completed
8. Basta Drain diversion.
9. Two-lane Airport service roads and 200 vehicle parking spaces.
10. Relocation of RFFS Station (Category V).

- **Total Project Development Cost: 4 Arab**
- **Total Land acquisition cost: 4 Arab**



Nepalgunj Airport

Runway: 1500m*30m

Overlay Work completed

Contractor: Lumbini-Pappu-Apex JV

Duration: 1.5 years (completed on 75-76)

Apron Expansion project

Contractor: Kancharam Construction

Duration: 1.5 year (near completion)

Rigid Pavement

Parking for 6 ATR-72 without pushback

Compatible with A-320 parking requirements

6 parking bays for A-320 with pushback operations

200m Runway expansion under construction

Total Project Development Cost: 45 crore



Nepalgunj Airport

Terminal Building

Under Design

Estimate expected
around 2 Arab

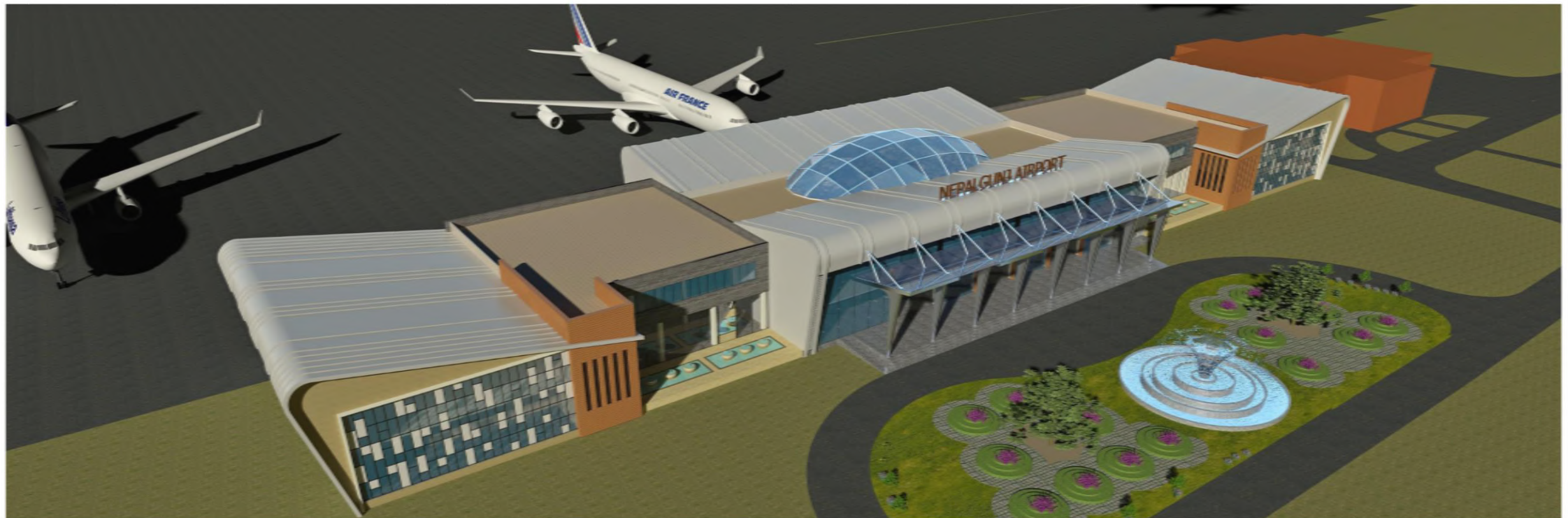


Nepalgunj Airport

Terminal Building

Under Design

Estimate expected
around 2 Arab



Nepalgunj Airport

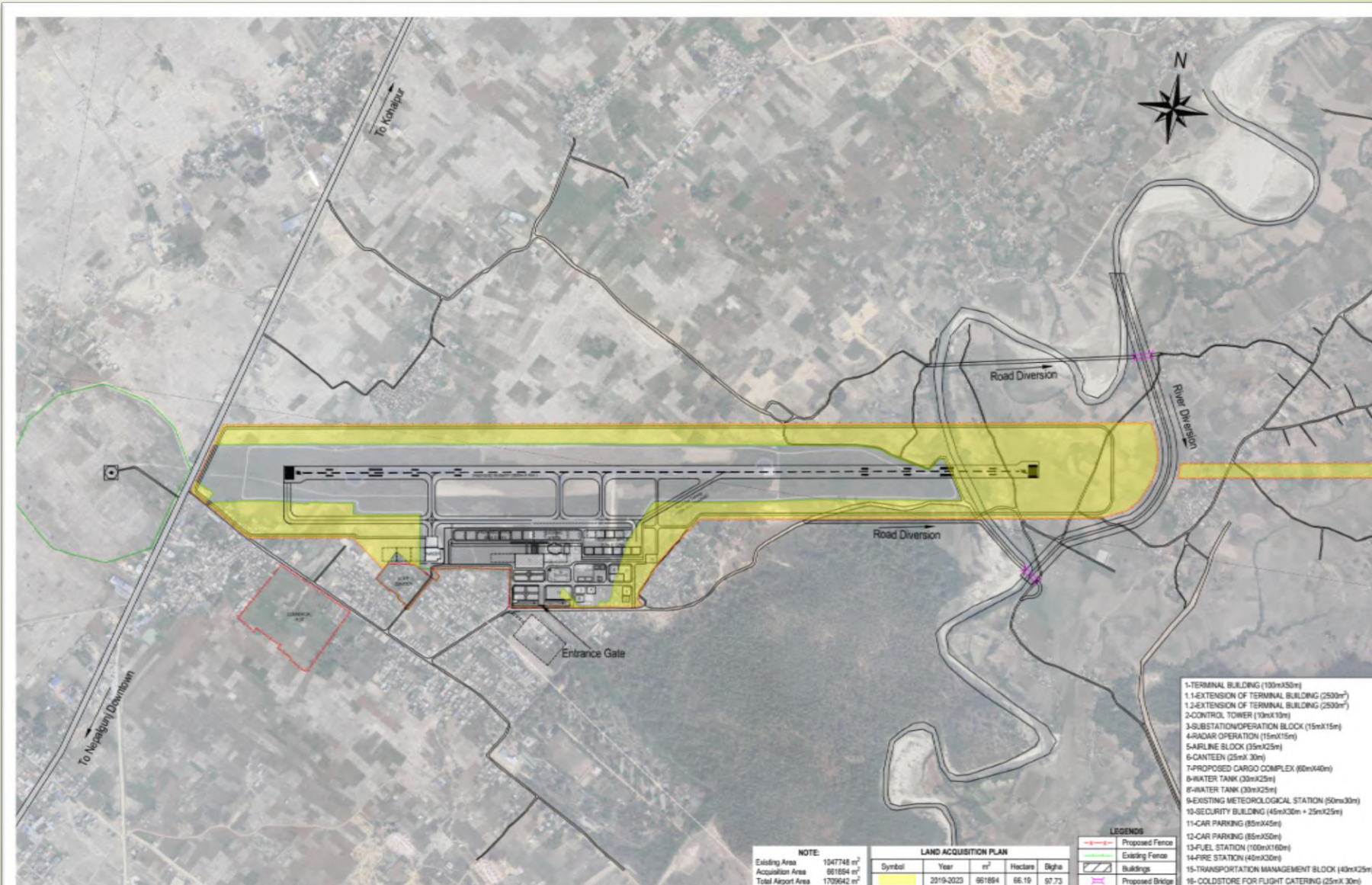
Masterplanning Completed

118.66 Bigha land to be Acquired

A-320, B737 or equivalent aircraft can be operated from the Airport

Runway of 2650 meters,

12.5 Arab Nrs cost as per Master Plan

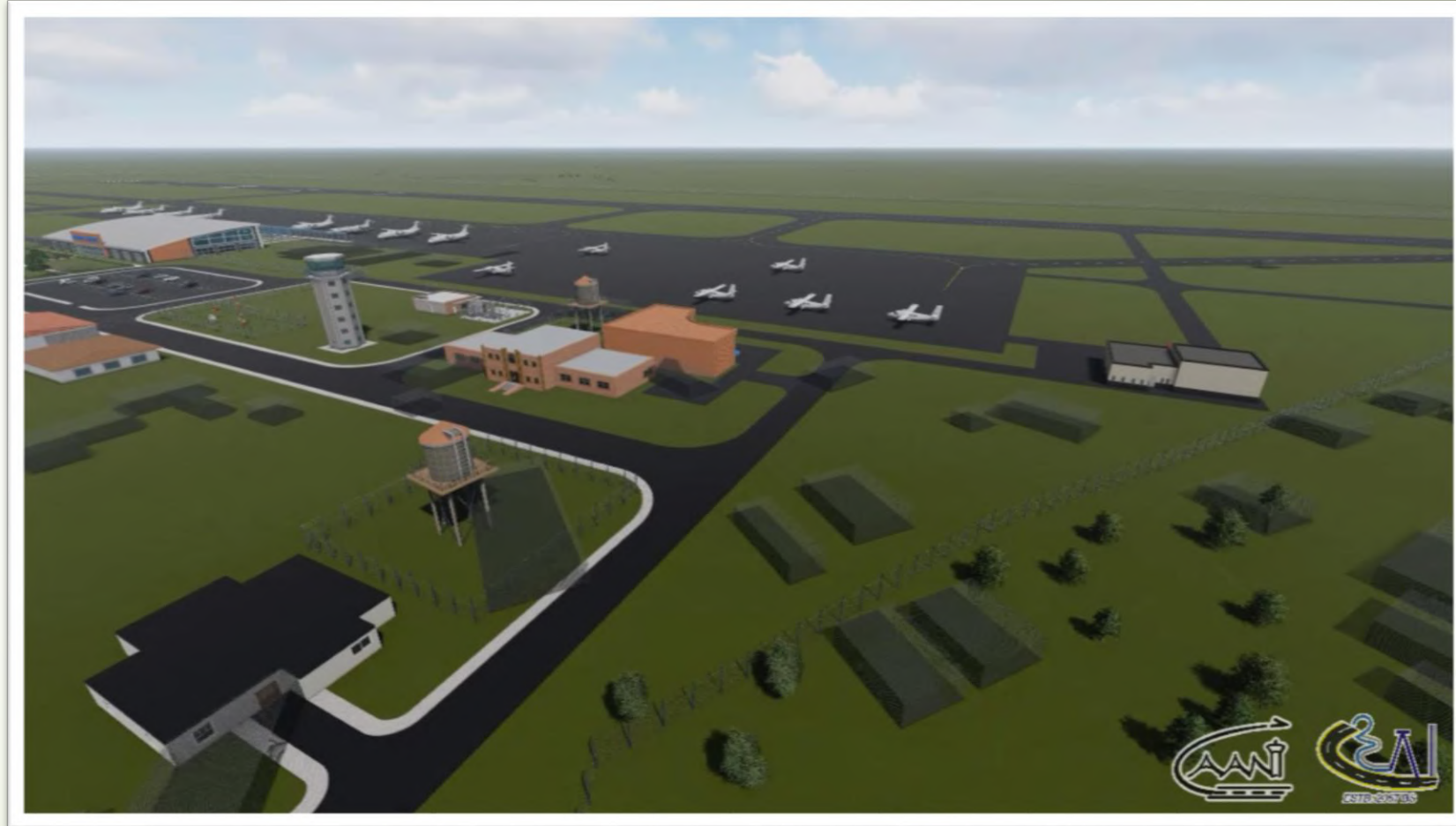


Nepalgunj Airport



Nepalgunj Airport in next 5 years

1. Pavement strengthening for the operation of CRJ-700, Dash 8 or equivalent aircrafts.
 2. Land Acquisition Completed
 3. New Terminal Building Completed
 4. 1700m runway,
 5. 6 stands for Code "B" & "C" aircrafts
 6. Road, Bridge Diversion, Drainage Management Works
- **Total Project Development Cost: 4 Arab**
 - **Total Land acquisition cost: 3 Arab**





Domestic Airports of Terai

Chandragadhi Airport

Runway: 1500 m

Overlay Work completed

Contractor: Gauri parbati- Dev & Sayar JV

Duration: 1 year (near Completion)

Apron Expansion project

Contractor: Apex-Joshi JV

Duration: 15 months (completed on 76-77)

Total Parking for 3 ATR-72 without
pushback, 1 ATR-42 and 1 STOL

Total Project Development Cost: 14 crore



Chandragadhi Airport

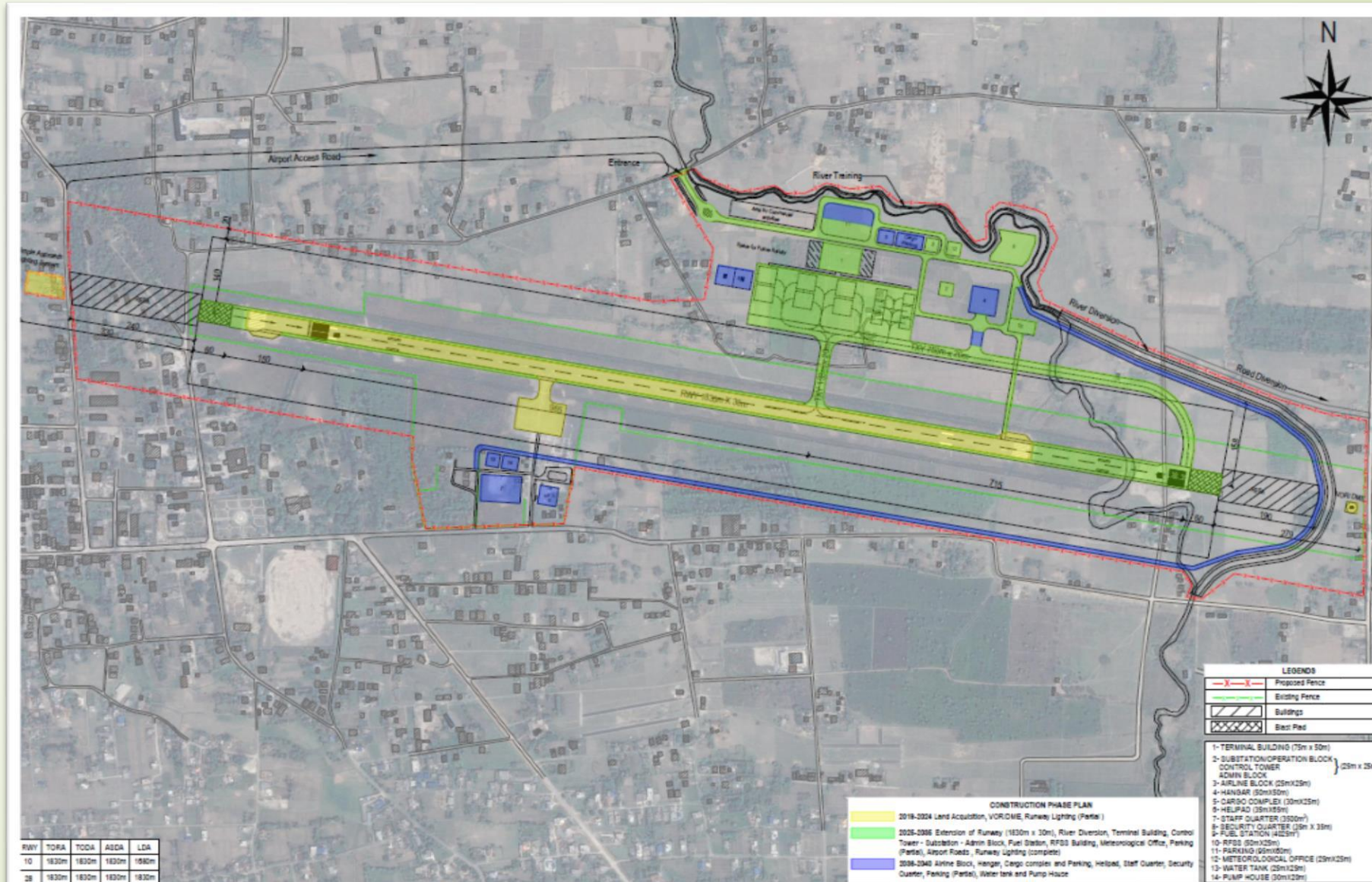
Masterplanning Completed

157.83 Bigha land to be Acquired

ATR-72, Dash-8 or equivalent aircraft can be operated from the Airport

Runway of 1830 meters,

7.56 Arab Nrs cost as per Master Plan



Chandragadhi Airport

Master Plan Presentation



Chandragadhi Airport in next 5 years

1. Pavement strengthening for the operation of CRJ-700, Dash 8 or equivalent aircrafts.
 2. Land Acquisition Completed
 3. New Terminal Building and control tower Completed
 4. Construction of VOR/DME
 5. Construction of Fuel Station
 6. Two-lane access road and airport service roads and vehicle parking
- **Total Project Development Cost: 2 Arab**
 - **Total Land acquisition cost: 3 Arab**



Dhangadhi Airport

Runway: 1800m

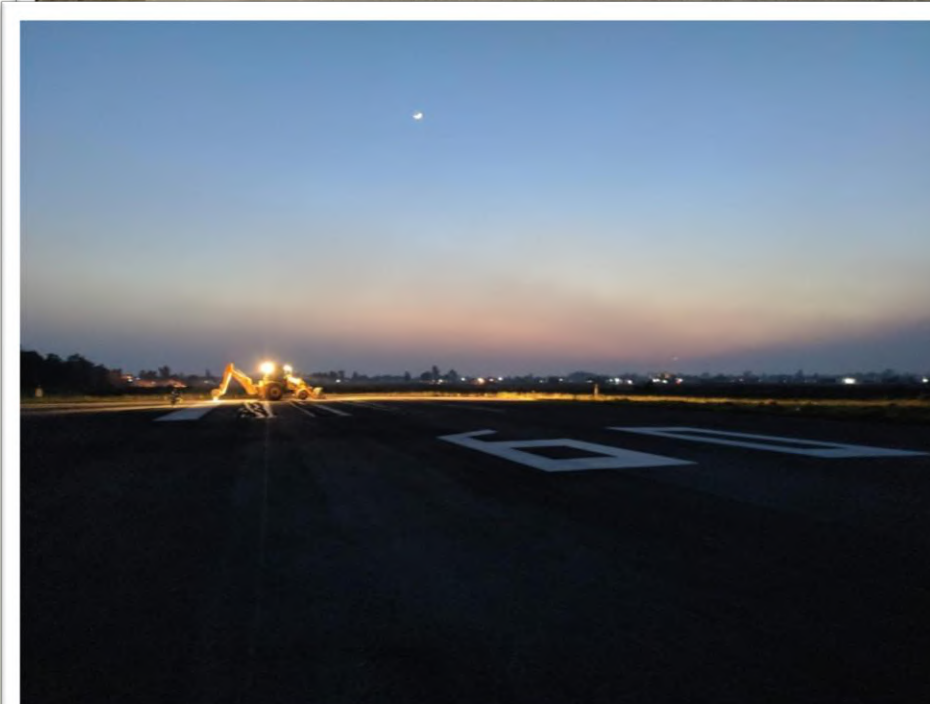
Overlay and apron expansion

Contractor: Lumbini Koshi & Neupane JV

Duration: 1 year (nearing completion)

Cost: 20.27 Crore

Parking spots for 7 ATR-72 or equivalent aircrafts



Dhangadhi Airport

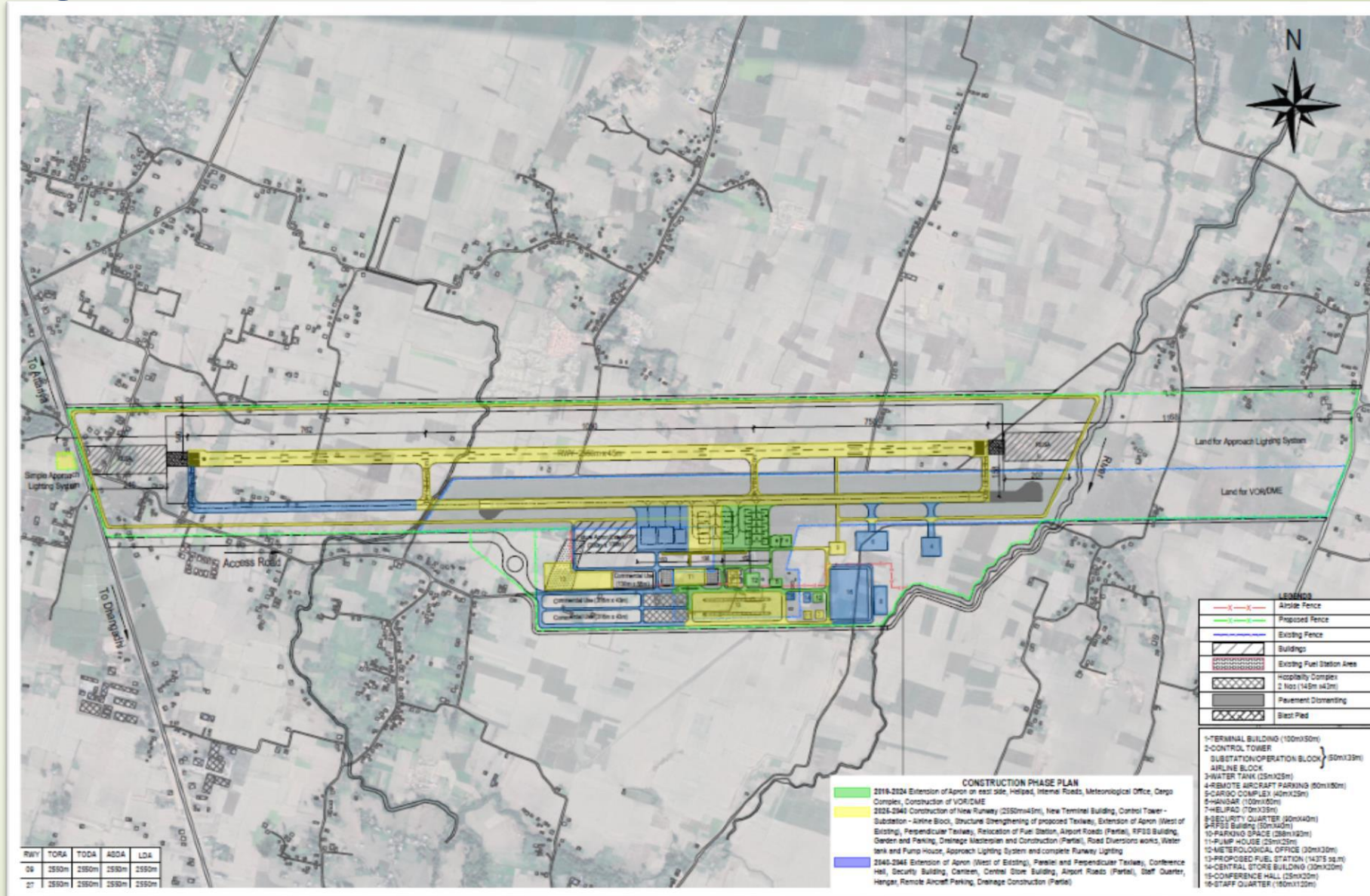
Masterplanning Completed (to be finalized after Presentation)

243.29 Bigha land to be Acquired

A-320, B-747 or equivalent aircraft can be operated from the Airport

Runway of 2550 meters,

12.4 Arab Nrs cost as per Master Plan



Dhangadhi Airport in next 5 years

1. Pavement strengthening for the operation of CRJ-700, Dash 8 or equivalent aircrafts.
 2. Land Acquisition Completed
 3. 4 stands for code 'B' and 'C' aircraft
 4. Construction of VOR/DME
 5. Airport access road, service roads and vehicle parking extension
 6. Commencement of construction of new runway
 7. Road diversion work for public roads about 6.3 km
- **Total Project Development Cost: 2 Arab**
 - **Total Land acquisition cost: 4.5 Arab**



Bharatpur Airport

Runway: 1200m

Overlaying Project

Contractor: Gauri Parbati Mrit
Sanjiwoni JV

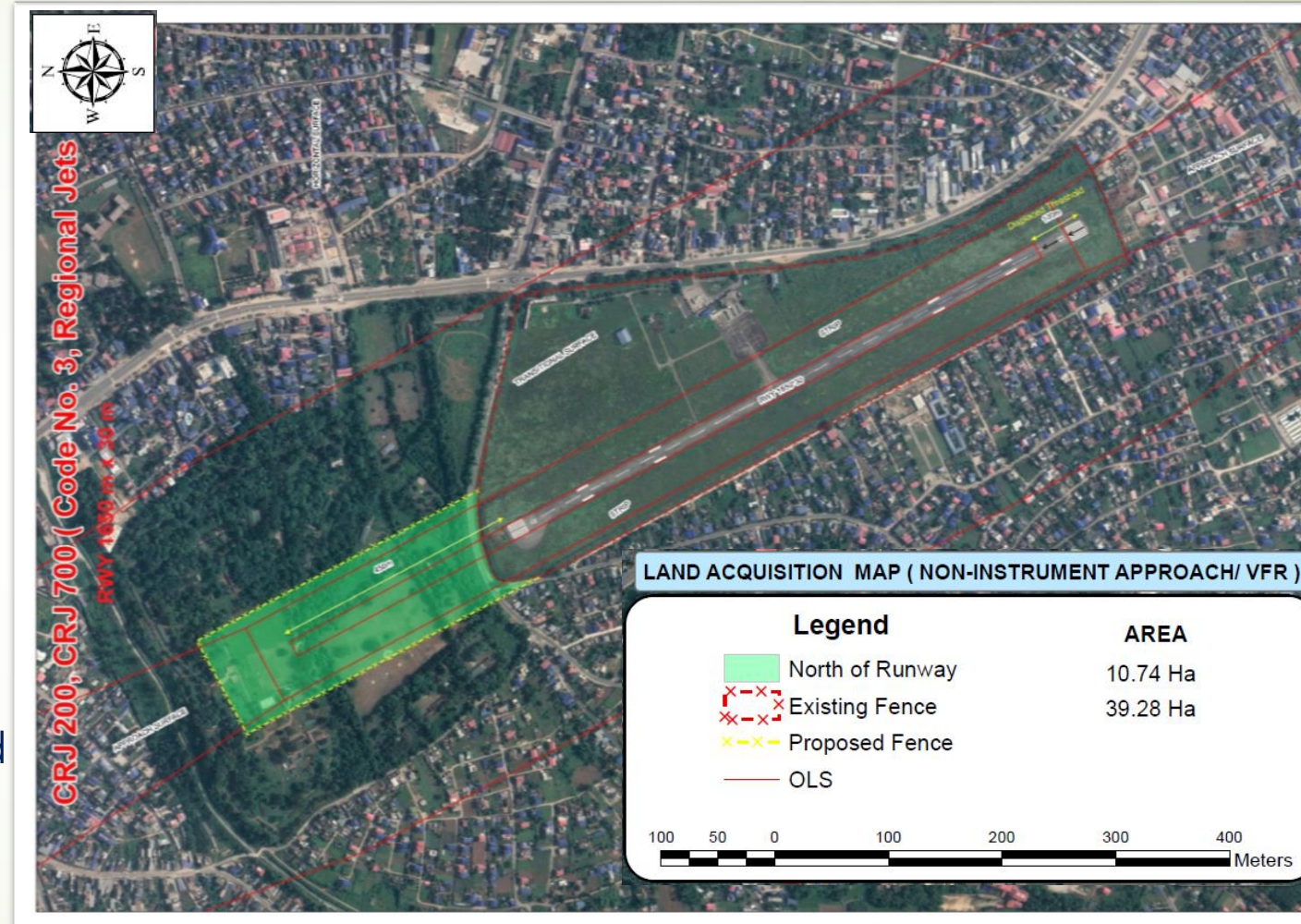
Duration: 1 year (nearing
completion)

Cost: 10 Crore



Bharatpur Airport

- Horse Breeding Centre, Kali Bahadur Gan and Road at the North of Airport to be relocated
- Final Runway Dimension : 1650 m
- Airport to be operated for Dash-8, ATR-72 in full capacity
- Night Landing facility
- Airport to be utilized by Nepal Army as Nepal Military Mid-Base for rescue operations.
- New Terminal Building to be constructed
- CAAN to utilize more land for commercial use and sustainability of airport.



Bharatpur Airport

Stakeholders Meeting



Janakpur Airport

Runway: 1300m

Overlay Work completed

Contractor: Kanchharam-Mrit sanjiwani jv

Duration: 1 year (Completed on 075-76)

Terminal Building project

Contractor: Thegim-Galwa-Uma and
Company J.V

Duration: 1.5 years (nearing Completion)

Total Project Development Cost: 37 crore





Janakpur Airport in next Five Years

- Operation from New Terminal Building
 - Pavement strengthening for the operation of CRJ-700, Dash 8 or equivalent aircrafts.
 - Preparation of master-plan of Janakpur Airport for the safe operation of Dash-8, CRJ-700 or equivalent aircrafts.
 - Project Development according to the master-plan.
 - Possibility of extension of runway towards west with diversion of road and River
 - Tentative cost for project development: 1 Arab without Land acquisition cost.
- 

Rajbiraj Airport

Runway: 1500 m

Asphalt Concrete Work completed

Contractor: Raman-Kanchharam Dev & Sayar JV

Duration: 1 year Completed on 074-75

Test Flight on 2075-02-09 by

CRJ-200



Rajbiraj Airport

Test Flight on 2075-02-09 by

CRJ-200

Terminal Building project completed

Contractor: Rajendra Jagadamba Uma and
Company J.V

Duration: 1.5 years Completed on 076-77

Project Cost: 3.5 crore



Rajbiraj Airport

Masterplanning Completed (to be finalized after Presentation)

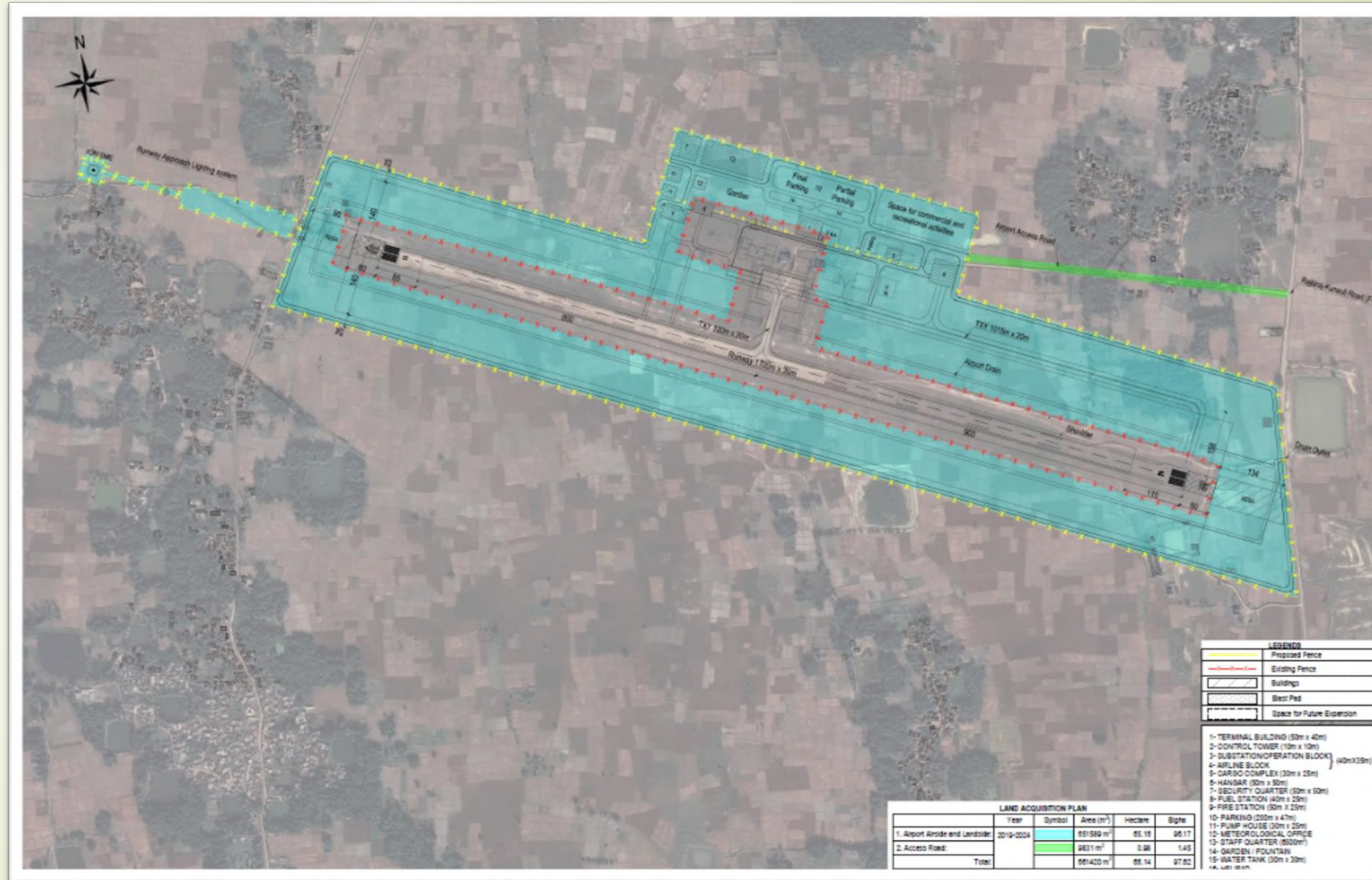
97.62 Bigha land to be Acquired

ICAO Requirement

ATR-72, Dash 8 or equivalent aircraft can be operated from the Airport Runway of 1700 meters,

4.5 Arab Nrs cost as per Master Plan

New Terminal Building, Control Tower, RFF Building, Refueling Station, Cargo Complex, Hangar



Rajbiraj Airport in next 5 years

1. Pavement strengthening for the operation of CRJ-700, Dash 8 or equivalent aircrafts.
2. Land acquisition as per masterplan.
3. Construction of fueling station
4. Widening of access road
5. Extension of runway to 1700 metres.

- Total Project Development Cost: 60 crore
- Total Land acquisition cost: 1.5 Arab





Other Domestic Airports

Surkhet Airport





Surkhet Airport

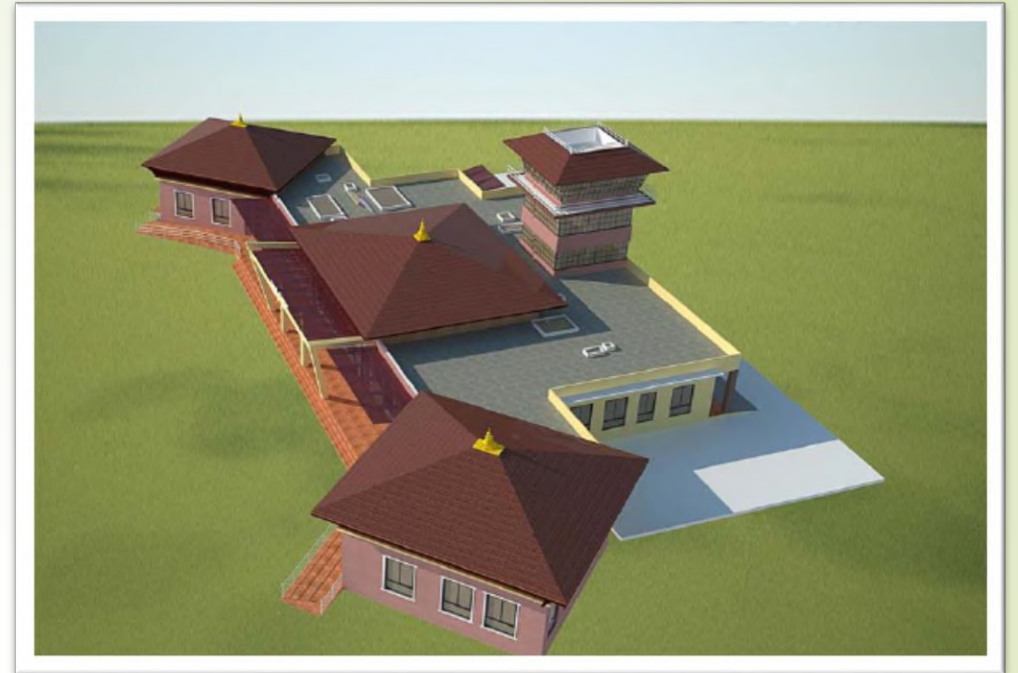
- Runway Overlaying Works under Procurement Phase
- Land Acquisition -25 Bigha
- New Runway Length: 1555 m
- Night landing facility
- Project Development Cost: 5 Arab for Land and Building Acquisition
- Project Development Cost: 3 Arab for Physical Infrastructures

Tumlingtar Airport

1. New terminal Building under construction.

Physical progress: 30%

2. Runway Overlaying works under procurement phase.
3. Extension feasibility shall be studied



Lukla Airport

Runway: 527m

Heliport

Under Construction: 30% Complete

6 Helipad and 1 Terminal Building for Helipad

Contractor: Kanchharam Construction

Duration: 1.5 year

Terminal Building Expansion Complete

Duration: 1.5 years

Contractor: Jagadamba-Uma & Company JV

Project Development Cost: 32 crore

Possibility of extension of Runway using semi-bridge.



Jomsom Airport

Runway: 815m

Overlaying Works Completed

Contractor: Apex Construction

Duration: 1 years Completed on 75-76

Cost: 9.5 Crore

Slope Correction was done before overlaying works for the safe operation of aircrafts.





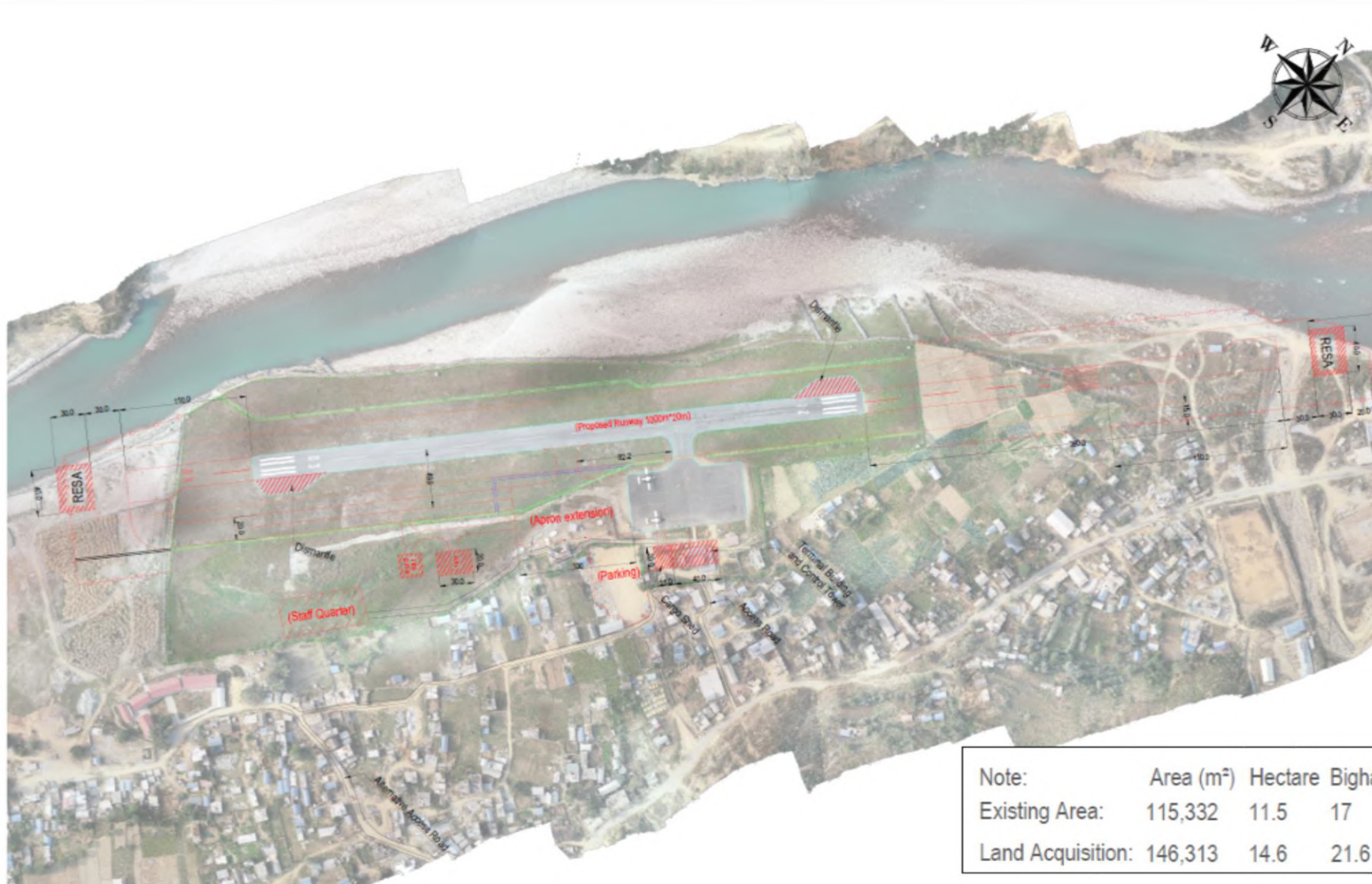
Jomsom Airport

New 46 seater STOL Aircraft ATR-42 600s series to be released after 2.5 years

Requires a runway length of additional 300 m in Jomsom.

Possible to extend

Ramechhap Airport



- Hub airport to Lukla
- Current Runway Length 530 m
- Masterplan being prepared to extend upto 1000 m for the operation of ATR 42 600s aircraft
- New terminal building and control tower
- 21.6 bigha land to be acquired
- Currently river training work in progress. Runway extension under procurement phase
- ❖ **Tentative project development cost: 70 crore**

Jumla Airport

Overlaying Works Completed

Contractor: Apex Construction

Duration: 1 years (Completed on 75-76)

Cost: 9.5 Crore

Current Runway Length: 675 m

Planning to increase the runway to 1100m for the operation of ATR42 600s aircraft.



Jumla Airport

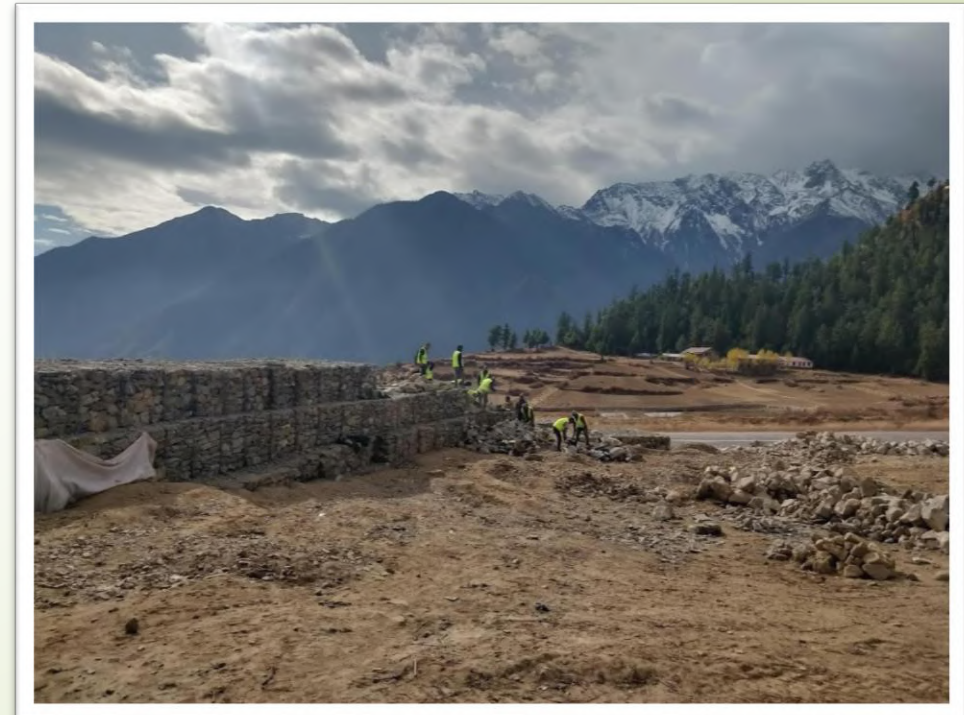


Simikot Airport

Expansion and renovation of terminal building completed

Construction of Apron under progress

- Additional parking spots for 3 DHC-6 or equivalent aircrafts
- Project Cost: 20 crore



Simikot Airport

- Overlaying of Runway under progress
- Project cost: 10 crores
- Possible to extend for the operation of ATR 42 600s aircraft



Rara Airport

- **Landslide Protection Works**

- Contractor: Him Sagarmatha
- Work in Progress
- Physical Progress: 20%

- **Terminal building Control Tower Construction**

- Work in Progress: 5%
- Contractor: Om Buddha International
- **Total Project Development Cost: 14 crore**
- **No Possibility of runway extension**



Taplejung Airport

Existing Runway: 700*20

Runway Extension work in progress:

Physical progress: 35%

Cost: 8.99 Crore

Runway after extension: 850 *20 metres

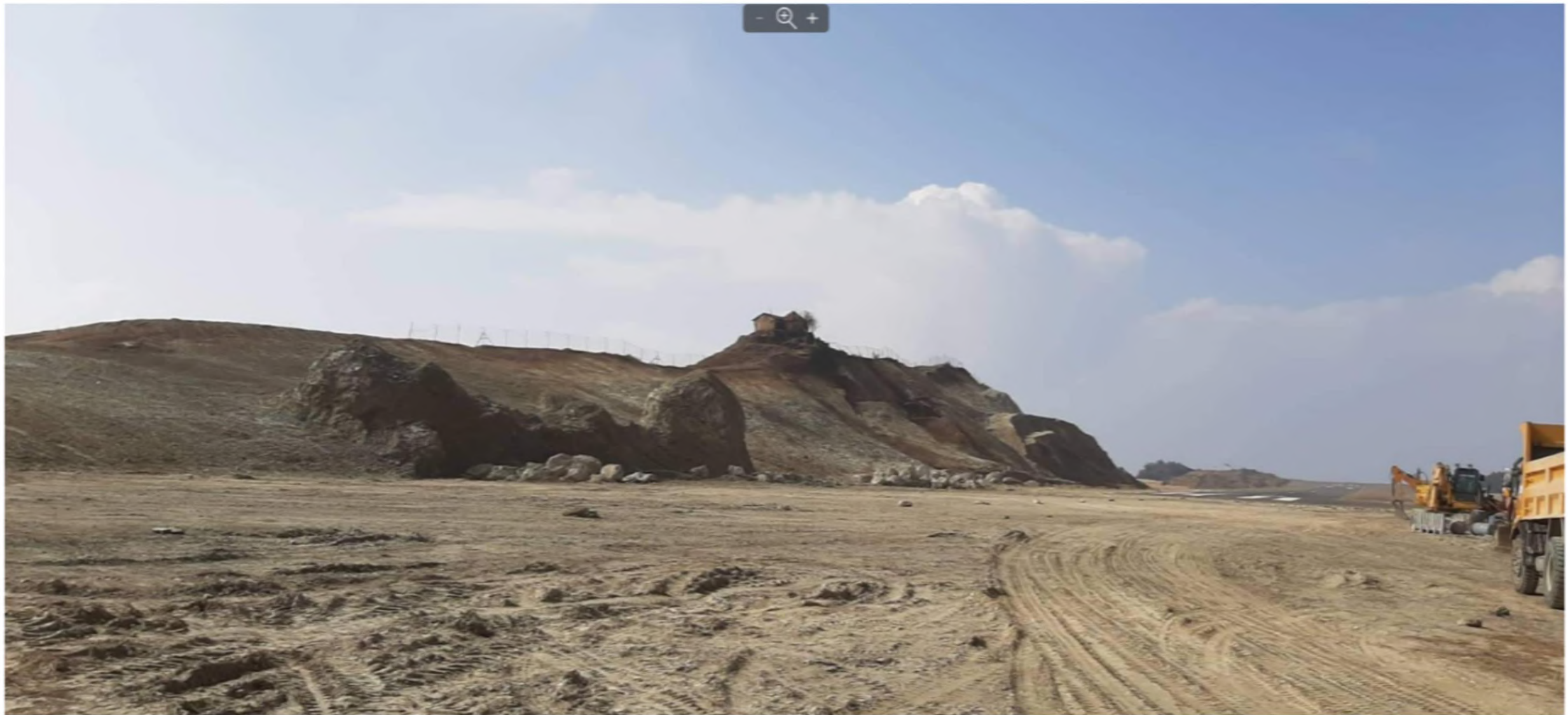
Extension of runway feasible for the operation of ATR42 600s aircraft.



Taplejung Airport



Taplejung Airport



Sanfebagar Airport

Blacktop Works Completed

Contractor: Amar Construction

Duration: 2 years Completed on 75-76

Cost: 12.14 Crore

Test flight on 2075-02-11

Current Runway Length: 550 m

Terminal Building

Design Completed, Tendering in Progress

Planning to increase the runway to 1100m for the operation of ATR42 600s aircraft.



Lamidanda Airport

Blacktop Works Completed

Runway Length: 520*20m

Total Expenses: NRS. 6.5 Crore

Completion date: 2076/01/31

Test flight on 18th June 2019

Less possibility of extension



Khiji-Chandeshwori Airport

Construction of earthen runway at Khiji airport completed

Runway: 580*20

Total Expenses: 6 crore

Completion date: 2076/06/15



First Test flight on

23rd December 2076

Possible to extend the runway



Khiji-Chandeshwori Airport



Illam Airport

Construction of earthen runway at Illam airport completed

Runway: 680*30

First Test flight on 21st jetha, 2075

Drainage Management Project completed

Cost: 10 crore

Time: 1 year Completed on 075-76

Asphalt Concrete Project

50 % complete



Total development cost 28 crore

Planning to increase the runway for the operation of ATR42 600s aircraft.



Gulmi Airport

Construction of earthen runway at Gulmi airport completed

Runway: 510*20

Total Expenses: 15 crore

Test flight on

25st jetha, 2075

Terminal Building : under Procurement process

Asphalt Concrete: 25% complete

Cost: 12 crore

Duration: 12 months

Difficult to extend due topography



Baitadi Airport

Asphalt Concrete Work nearing completion

Runway: 590*20

Total Expenses: 12 crore

Project in final stage



Bajhang Airport

Asphalt Concrete Work in Progress

Contractor: Amar Construction

Runway: 630*20

Total Expenses: 6.2 crore

Physical Progress: 50%

Possible to extend



Rumjatar Airport

New Terminal Building completed

Completed on 075-76

Project cost: 1.72 crore

Possible to extend



Doti Airport

Asphalt Concrete Work completed

Runway: 490*20

Total Expenses: 6 crore

Completed in 076-77



Phaplu Airport

Construction of Rigid Pavement Apron

Cost: 6 crore



Phaplu Airport

Construction of Rigid Pavement Apron



Dolpa Juphal Airport



Runway Length: 560m*20m
Cost: 25 crores



Dolpa Masinechaur Airport



Runway Asphalt Concrete in Progress

Runway: 630 m*20m

Total project development
Cost: 30 crore

Dolpa Masinechaur Airport



Khanidanda Airport



Landslide protection works
Cost: 6.5 crores
Completed on 076-77



Khanidanda Airport



Thamkharka Airport

Runway :

Contractor: Rautaha Construction

Cost: 10.6 Crores



Kalikot Airport

Asphalt Concrete Works in Progress

Contractor: Gauri Parwati - Shyam
and Shankar

Project Cost: 13.81 crore

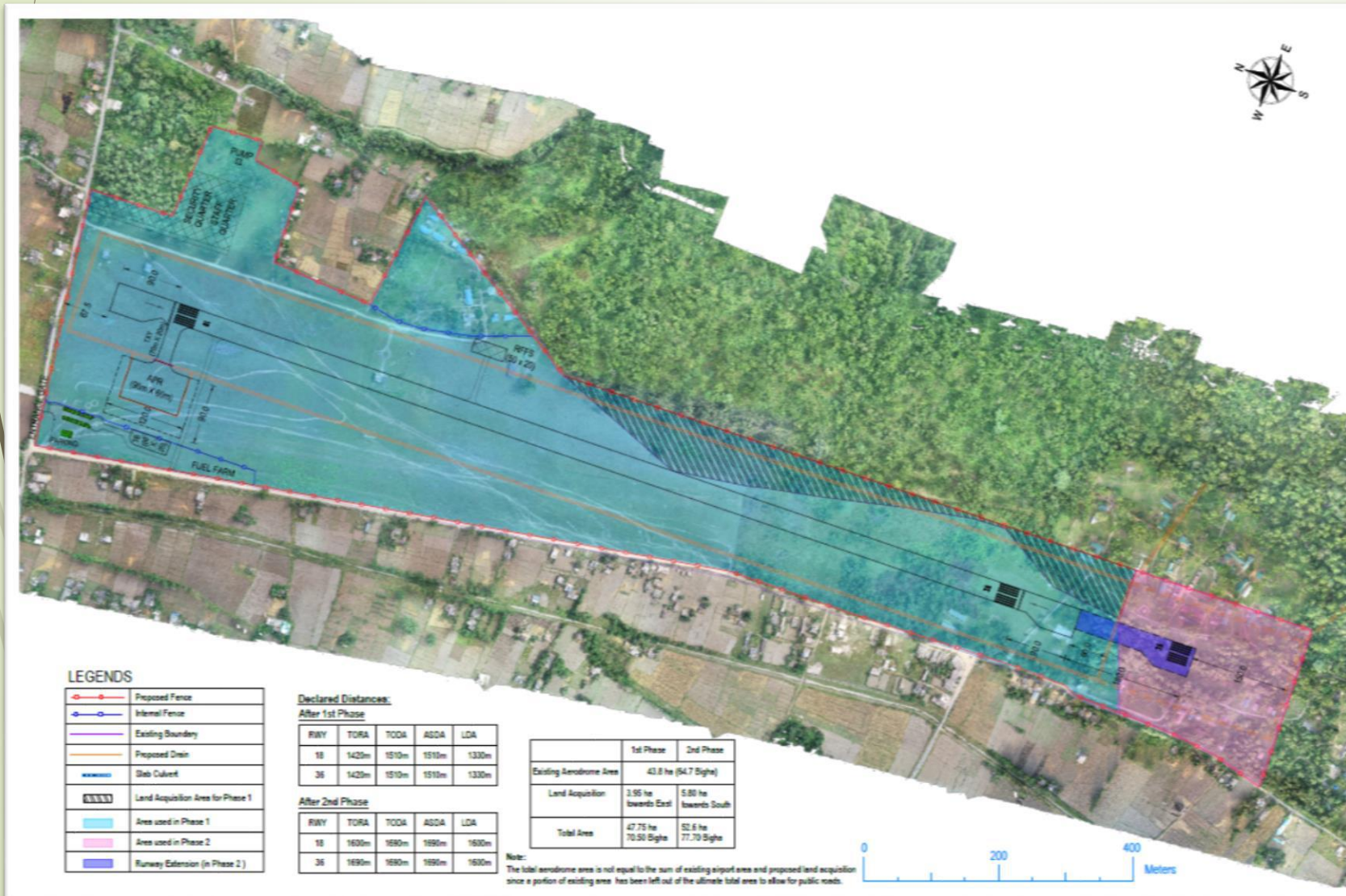


Mahendranagar Airport

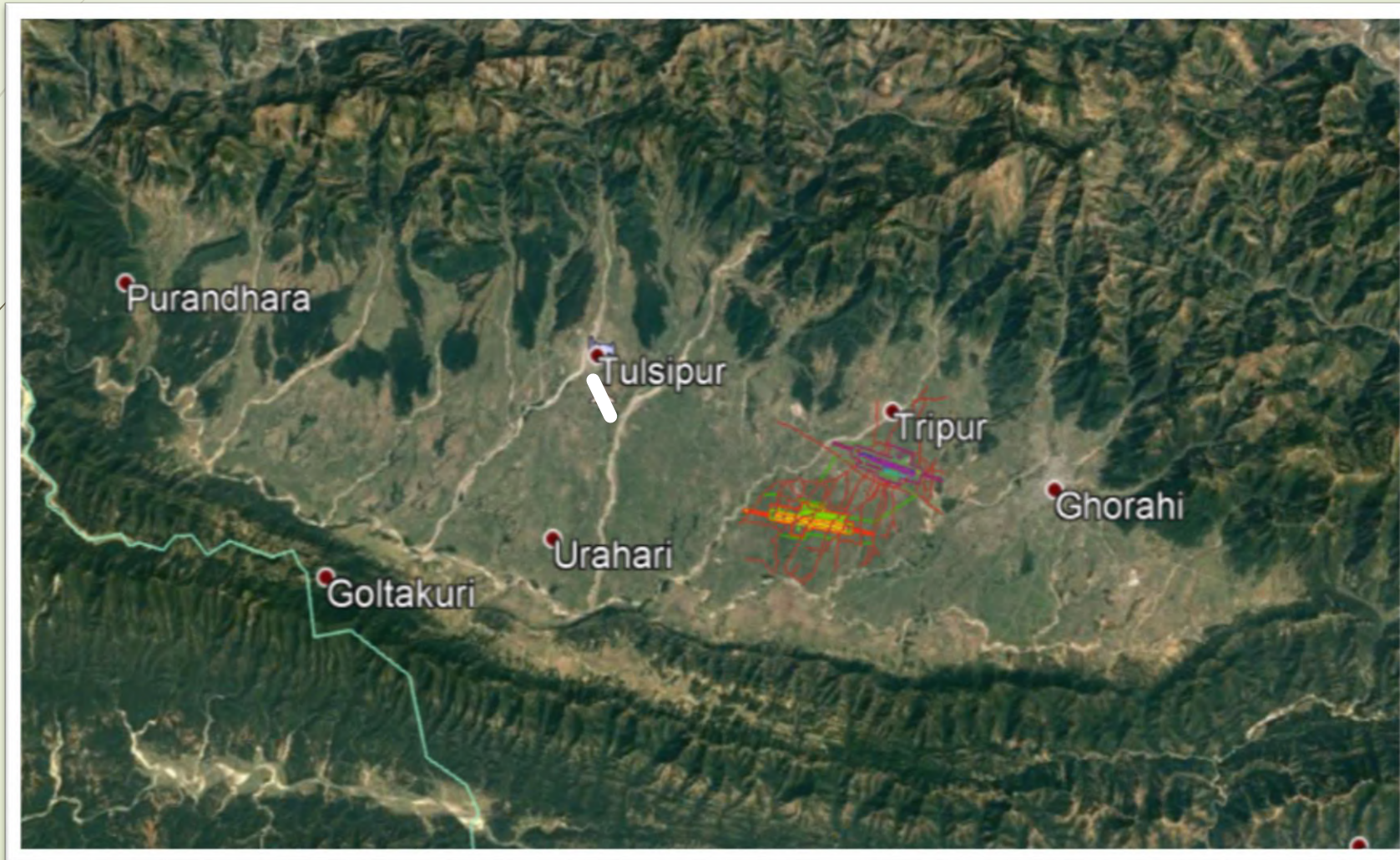
Detail Survey, Design and Masterplanning completed.

- Ultimate Plan for the construction of runway of 1690m
- 5.8 hectare land to be acquired

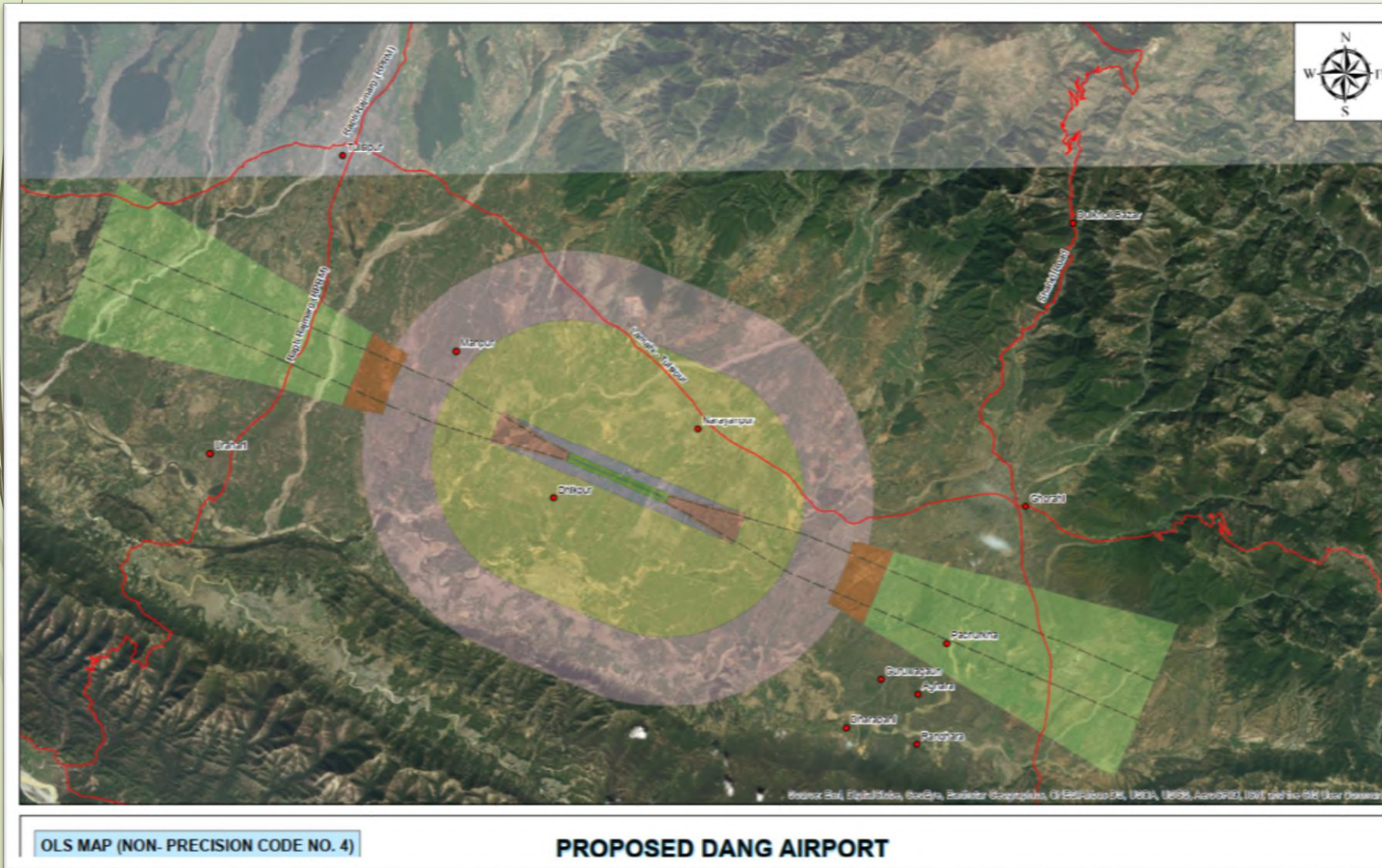
Project Development Cost:
50 crore



Dang Narayanpur Airport



Dang Narayanpur Airport



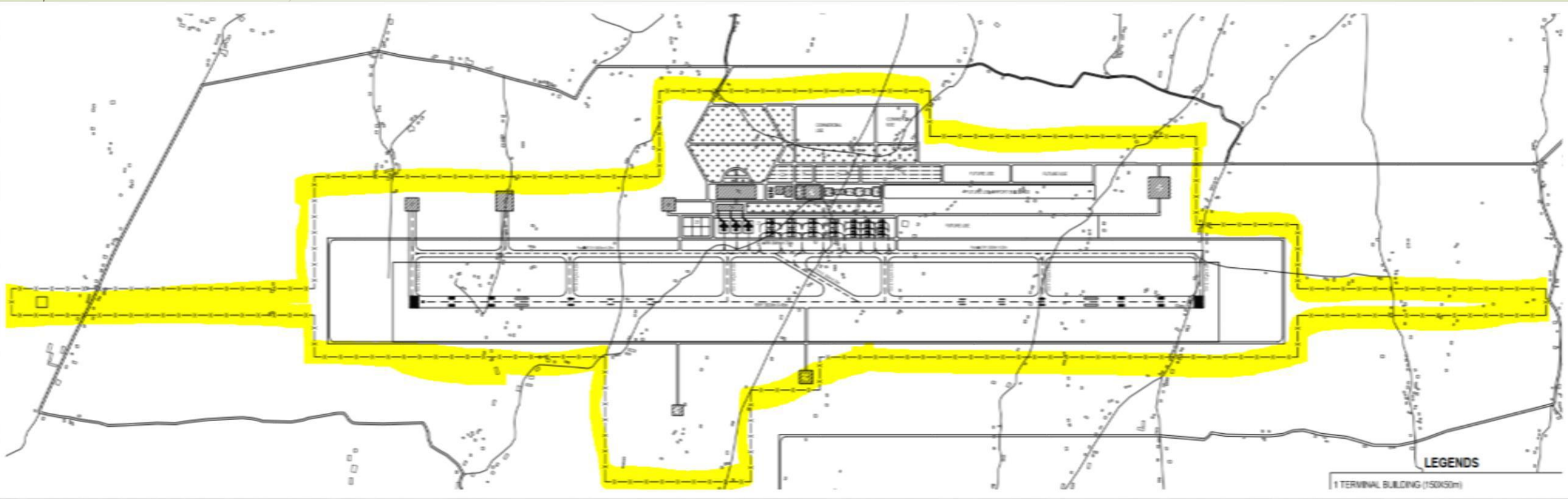
Newly Proposed airport

Possibility of parallel runway

1690 ha land required

Total project cost: 25 Arab

Dang Narayanpur Airport



Dang Airport



Syangboche Airport



Highest Airport 12,296 ft.

Runway: 400 m

Planning to extend for the operation of DHC-6 or equivalent aircrafts

Project Cost: 30 crores

AANSON Building

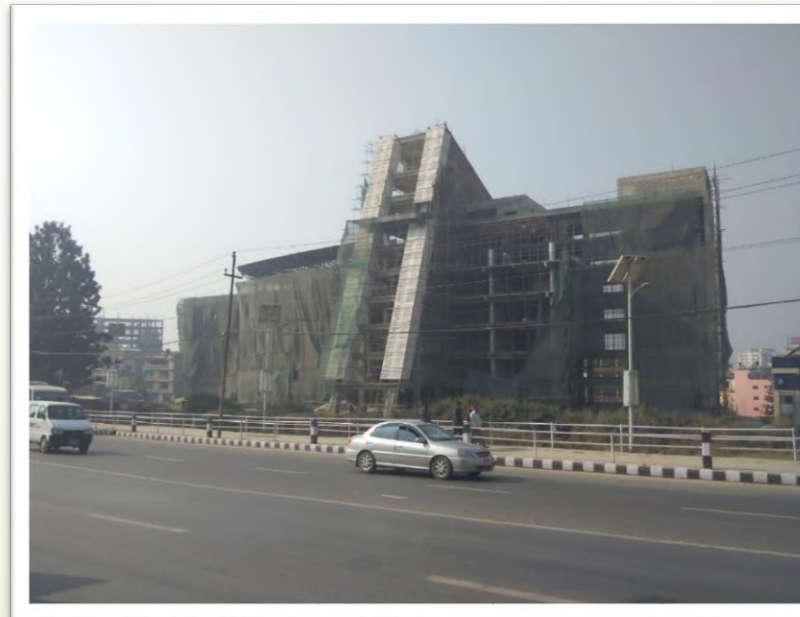
Construction of Phase I Completed

Contractor: Tundi-Rasuwa JV

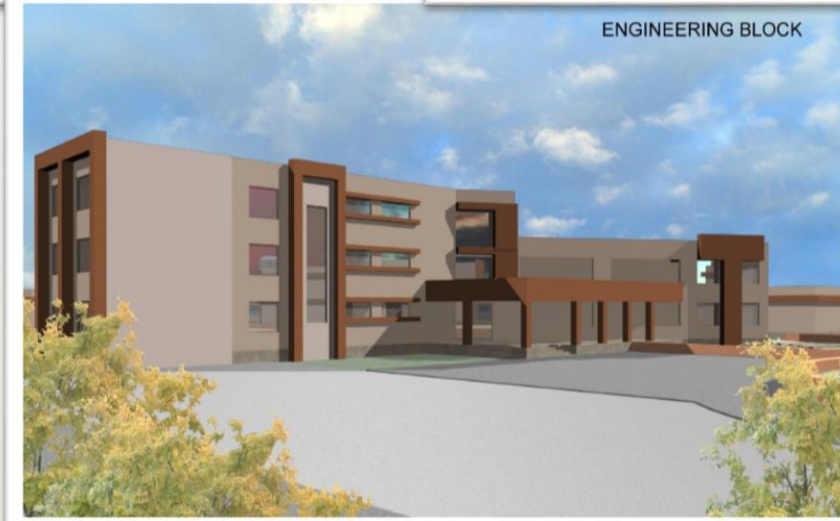
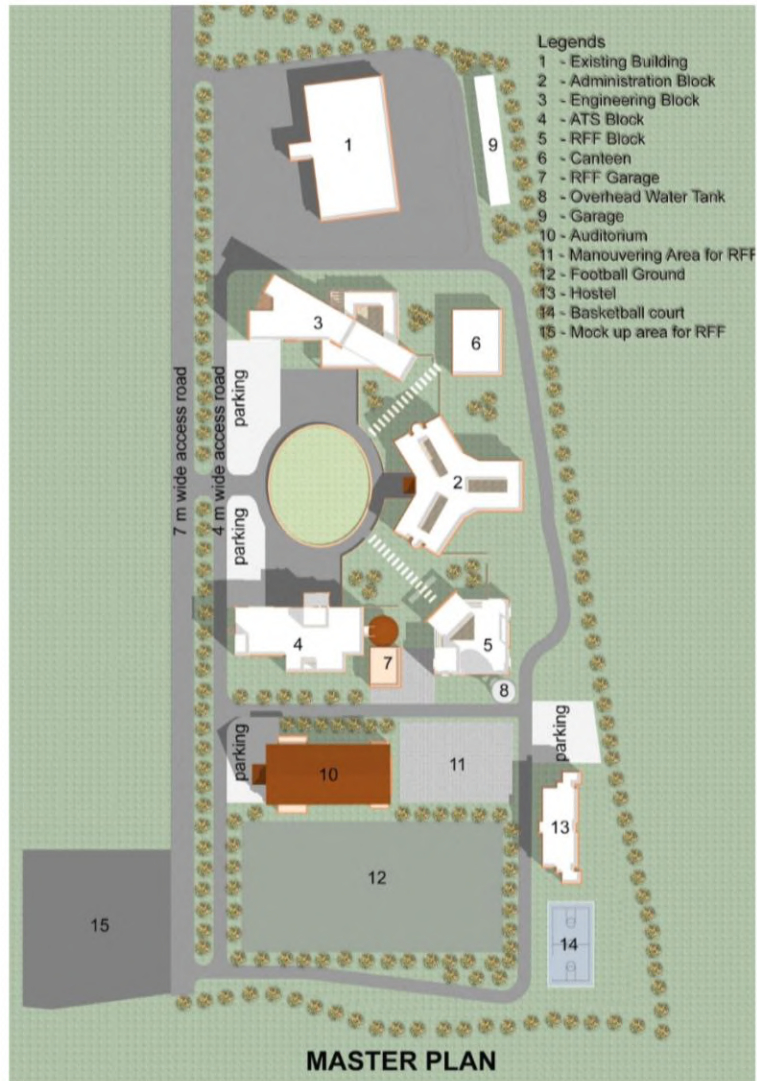
Cost: 67 crore

Construction for Phase II started

Cost: 92 crore



Civil Aviation Training Centre

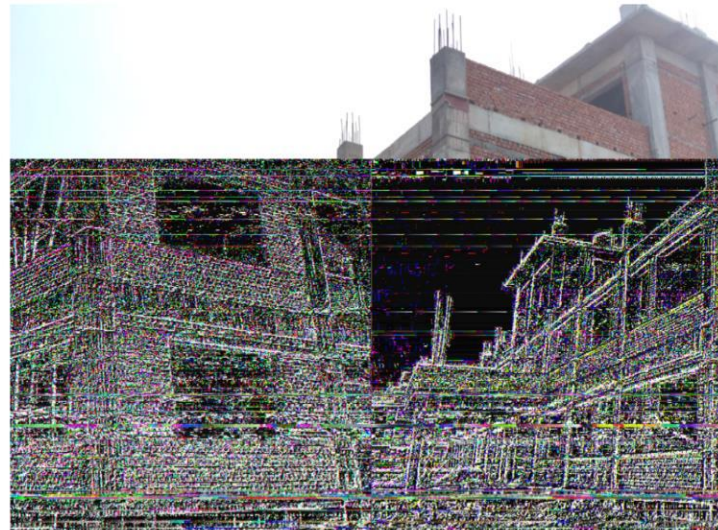
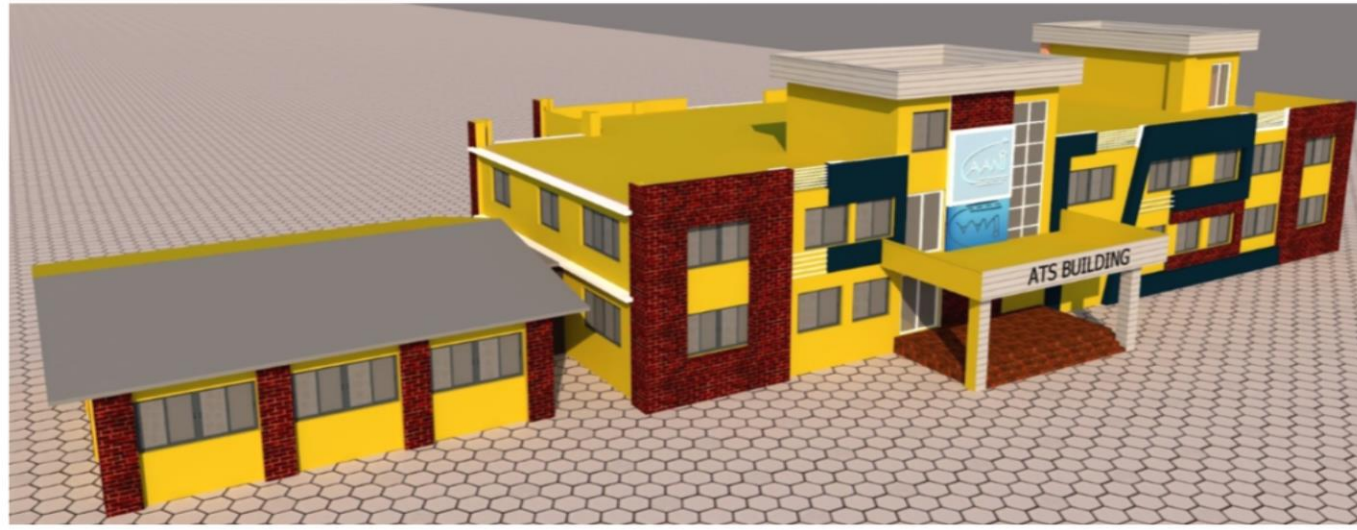


Civil Aviation Training Centre



Total Development Cost: NRs. 1 Arab

Civil Aviation Training Centre



ATS Training Building

Cost 7.5 crores

To be completed within
Ashadh 2077.



International Airports



Tribhuvan International Airport, Kathmandu

Major Projects:

- Rehabilitation of runway and taxiway at TIA
- Construction of Remote Parking Bay in east side of old Fire Station
- Construction of Two Bays in south side of Bay no.1 of International Apron.
- Domestic Terminal Building Extension
- Boutique Airports (International Terminal Renovation, Domestic Terminal Renovation, Canopy construction)
- Parallel Taxiway and International Apron Construction
- Expansion of Apron & Taxiway – Northside RWY 20 (#24 International Parking Bay)- Cost: NRs. 8.00 Billion

Tribhuvan International Airport, Kathmandu

Runway Rehab Work at TIA

(Milling of Existing asphalt pavement)

- ❑ Contractor: China National Aero Technology International Engineering Corporation
- ❑ Project Duration 18 Months (completed 5 Months earlier)
- ❑ completed on 5 May 2020



Rehabilitation work Completed at TIA



Construction of Remote Parking Bay

- ❑ 4 Aircraft Parking Capacity (2 Boeing 777 200er, 2 ATR 72s)
- ❑ Contractor: Tundi - Lama Samananta JV
- ❑ Contract Amount: NRs. 45 Crores (with VAT)
- ❑ Duration: 3 Years
- ❑ Completed on 2076/01/31



Expansion of International Apron south-side of Bay No 1

- ❑ Contractor:
Swachchhanda-Khani J/V
- ❑ Contract signed : **7th Poush 2073**
- ❑ Duration: upto 2076 Chaitra 15
- ❑ Contract Amount:
NRs. 59 Crores (with VAT)
- ❑ **Present status**
 - ❑ Financial progress=NRs. 310815785.84 (payment with VAT) 52%

Physical Progress= 85 %



Extension of Domestic Terminal Building

- ❑ Contractor: Tulasi Bhakta Shuva J/V
- ❑ Contract signed : Jestha 24 ,2076
- ❑ Completion Date: 2077/10/24
- ❑ Contract Amount: NRs. 10 Crores (without VAT)
- ❑ **Present status**
 - ❑ Relocation of Army unit is completed
 - ❑ Relocation of Generator House and Toilet is completed.
 - ❑ Foundation work is going on



Boutique Airport

- ▶ Terminal building silicon painting works (exterior)
- ▶ Contractor: Uma And Company
- ▶ Contract Amount :12 Crores without vat)

{100% work completed}



Beautification and gardening work

- Contractor : Evergreen Gardening and Bio Engineering Works
- Contract Amount : NRs.5309896.19 without VAT
- Ageerment Date :2075/3/31
- Date of completion: 2076 poush

{100% work completed}



Boutique Airport

- Contract awarded for a Large Buddha Statue (Estimated cost NRs:7807500)
- Statue installment Work is completed.



Boutique Airport

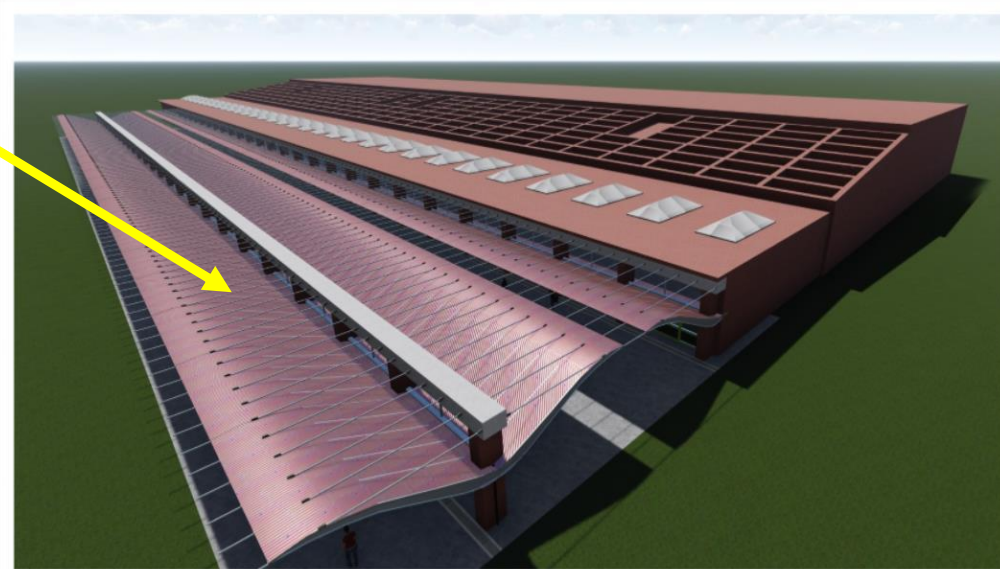
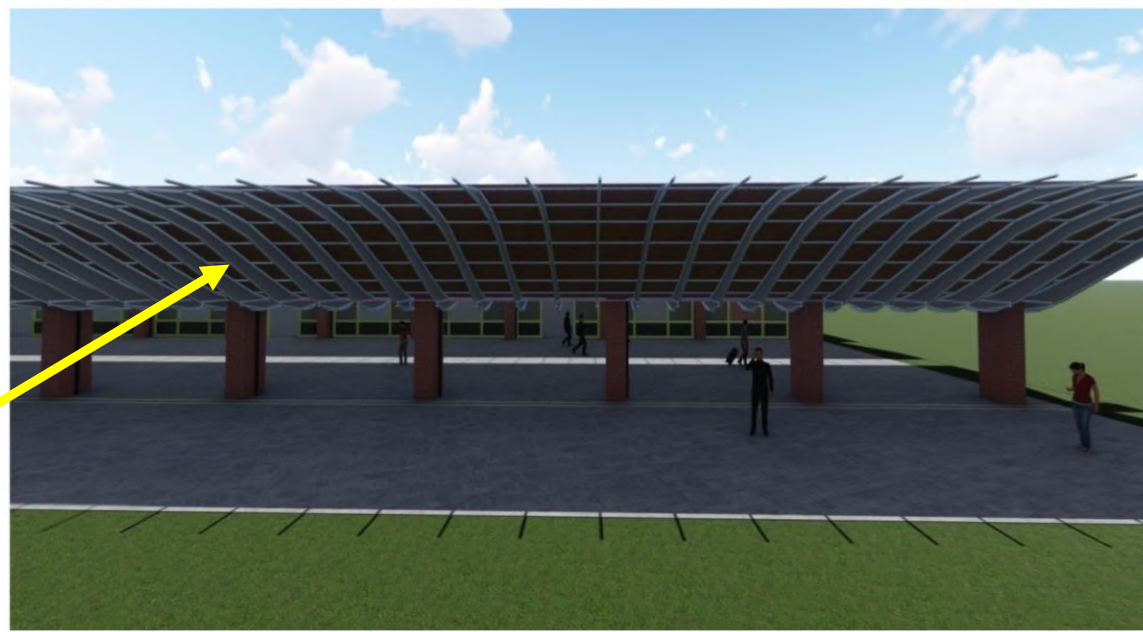
- DTB Renovation work :
- Canopy Structure in front of ITB : Truss Frame fabrication work is going on
- ITB renovation works: work order given to contractor: starts work within week.
- Terminal building silicon painting works (interior)

In the stage of Financial opening



Designed ITB Renovation





Tribhuvan International Airport, Kathmandu

: In next 5 years

- **Parallel Taxiway at TIA**

Estimated Cost: NRs. 5.00 Billion

To reduce the waiting time of Aircrafts before takeoff and Landing

- **Hanger Apron**

Estimated Cost: NRs. 7.00 Billion

- **New International Terminal Building T-2**

Estimated Cost: NRs. 40.00 Billion

- **Full Fledge Commercial Operation with the traffic forecast of 9.2 Million Passenger Per Annum (MPPA)**



New International Terminal Building



Gautam Buddha International Airport, Bhairahawa

1. Land Acquisition Works - Completed
2. Civil Construction Works
3. Consulting Services



Gautam Buddha International Airport, Bhairahawa

1. Land Acquisition Works –

Additional Land Acquisition as per Ultimate Phase of GBAUC Master Plan - Approx. **500 Bigha** land to be acquired in total (Approx. 428 Bigha personal)

Total Cost: NRs. 23.6 Billion

Complete

Gautam Buddha International Airport, Bhairahawa

2. Civil Construction Works

❖ ICB-01: Construction of Airside and Landside Infrastructures and Other Facilities at GBA

- Contractor – M/S Northwest Civil Aviation Airport Construction Group, China (NCAACG)
- Commencement Date: November 2014
- Contract Completion Date – 31st March 2020 (Initial 31st Dec. 2017)
- Contract Price – **NRs. 6.22 Billion**

Major Works:

- a. Runway - Completed
- b. Taxiway- Completed.
- c. Apron – Completed
- d. Terminal Building – Installation and Finishing works in progress
- e. Control Tower – Installation and Finishing works in progress
 - **Physical Progress – Appx. 85.5% Cumulative**
 - **Financial Progress – Appx. 55%**



Gautam Buddha International Airport, Bhairahawa

2. Civil Construction Works

❖ **ICB-02 :Supply, Delivery, Installation and Commissioning of Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM), Meteorological Equipment & Other Related Goods and Services for GBA**

- Evaluation Completed (LoA Issued on 2075-10-28)
- Bidder- **Aeronautical Radio of Thailand Limited**, Bangkok 10120, Thailand
- Bid Price (Including PS for FPD and excluding Custom & VAT): USD 4.77 Million & NRs. 7.88 Million)

Major Works:

- Construction of 20 Elements Localizer Antenna Base (Footings) - Complete
- All the Equipment Arrived at Site
- **Progress – Appx. 50%**



Gautam Buddha International Airport, Bhairahawa

2. Civil Construction Works

❖ Construction of Cargo Terminal Building

- Total Cost: NRs. 900 Million
- Progress: 40%
- Completion Date: 2077/07/12

❖ Construction of Security Building

- Contract Price: NRs. 88.12 Million
- Progress: 85%
- Completion Date: 2077/04/30

❖ Construction of Outer Periphery Road

- Contract Price: NRs. 800.00 Million
- Letter to Proceed

❖ Tinau River Training Works

- Contract Price: NRs. 230.59 Million
- Progress: 25%
- Completion Date: 2078/02/06



Gautam Buddha International Airport, Bhairahawa

3. Consulting Services:

- ❖ **Project Design and Supervision Consultant (ICB-01 & ICB-02) for GBAUC** – Yooshin Engineering Corporation Ltd in association with BDA Nepal (P) Ltd. /ERMC (P) Ltd./ NESS (P) Ltd -
 - Contract Price: NRS. 106.2 Million & US\$ 1.388 Million
- ❖ **Supervision of Cargo Terminal Building** – M/S Grid/ Shrestha/ DC JV –
 - Contract Price: NRS. 188.76 Million
- ❖ **Consultancy Services for Design, Estimate and Supervision of Terminal Building Annex-2 of GBAUC** –
 - Contract Price: NRS. 262.88 Million & US\$ 0.638 Million
- ❖ **Consulting Services for Design and Supervision for old runway rehabilitation (new parallel taxi way) for GBAUP** –
 - Cost: NRS. 529.13 Million
- ❖ **Consulting Service For Design and construction supervision at road/ bridge to connect apron and cargo building at GBIA** –
 - Contract Price: NRS. 5.0 Million

Gautam Buddha International Airport, Bhairahawa : Today



Gautam Buddha International Airport, Bhairahawa

: In next 5 years

An ICAO Certified Airport – Code 4E

- Completion of entire Civil Construction and Equipment Installation Works
- Construction Completion of Terminal Building T-2 and Parallel Taxiway
- 10 additional parking bay with boarding bridge
- Full Fledge Commercial Operation with the traffic forecast of 6 Million Passenger Per Annum (MPPA)



Gautam Buddha International Airport, Bhairahawa



Pokhara Regional International Airport, Kaski

1. Land Acquisition Works - Completed
2. Civil Construction Works
3. Consulting Services



Pokhara Regional International Airport, Kaski

1. Land Acquisition Works – Completed

- Airport, For Outer Periphery, Airport Airfield Light, Approach Light and Meteorological Equipment Station – Cost – NRs. 2.30 Billion

Pokhara Regional International Airport, Kaski

2. Civil Construction Works

❖ Construction Contract: EPC

- Contractor – M/S China CAMC Engineering Co. Ltd.
- CAMCE started work from 11 July 2017
- Project Completion Date 10 July 2021
- EPC contract Value – **USD 215.965 Million**
 - Progress (PP): 54%

❖ EPC Design Review and Supervision Consultant for PRIA- M/S ERM/ A-Not/ Slate JV-

- Appointed Date: May, 2018
- Contract Price: Approx. NRs. 430 Million



Pokhara Regional International Airport, Kaski

2. Civil Construction Works

- ❖ **Construction of Outer Periphery Road at Pokhara**
 - Contract Price: NRs. 173.28 Million
- ❖ **Construction of New Irrigation Canal along the fencing on South side at Chinnendanda, Pokhara**
 - Contract Price : NRs. 42.23 Million
- ❖ **Covering of Irrigation Canal in south side of PRIAP**
 - Cost: NRs. 16.64 Million (Bidding Procedure in Progress)
- ❖ **River Training work at West End (Khahare Khola) & other associated works at Pokhara**
 - Contract Price : NRs. 116.27 Million
- ❖ **Construction of Security Post**
 - Cost: NRs.15.35 Million (Bidding Procedure in Progress)

Pokhara Regional International Airport, Kaski : Before 2 years



Pokhara Regional International Airport, Kaski : Today



Pokhara Regional International Airport, Kaski

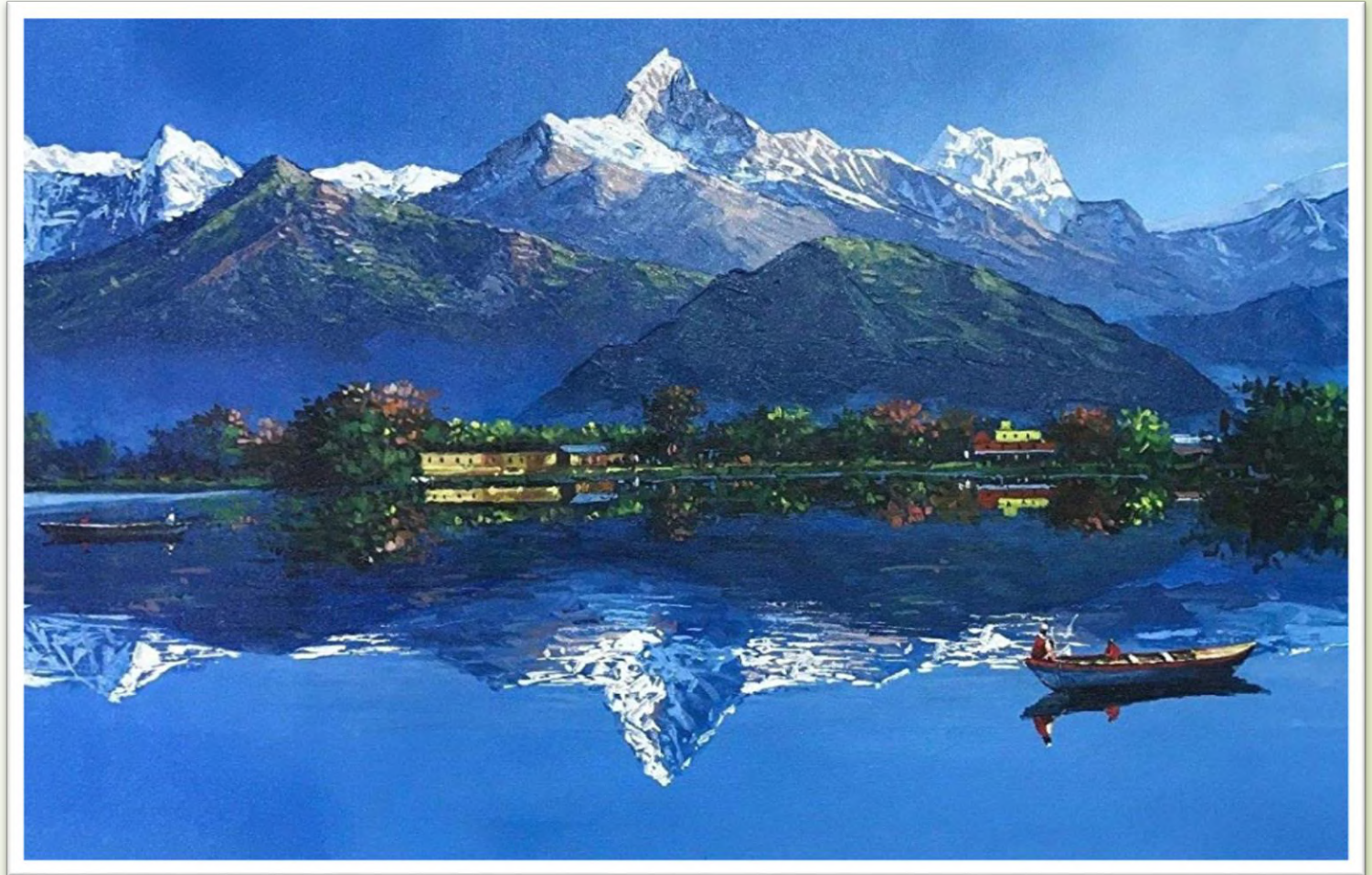
: In next 5 years

An ICAO Certified Airport – Code 4D Airport

- Completion of entire Civil Construction and Equipment Installation Works
- Full Fledge Commercial Operation with the traffic forecast of 0.8 Million Passenger Per Annum (MPPA)



Pokhara Regional International Airport, Kaski



Nijgadh International Airport, Bara

1. Land Acquisition Works - Completed
2. Civil Construction Works
3. Consulting Services



Nijgadh International Airport, Bara

1. Land Acquisition Works –

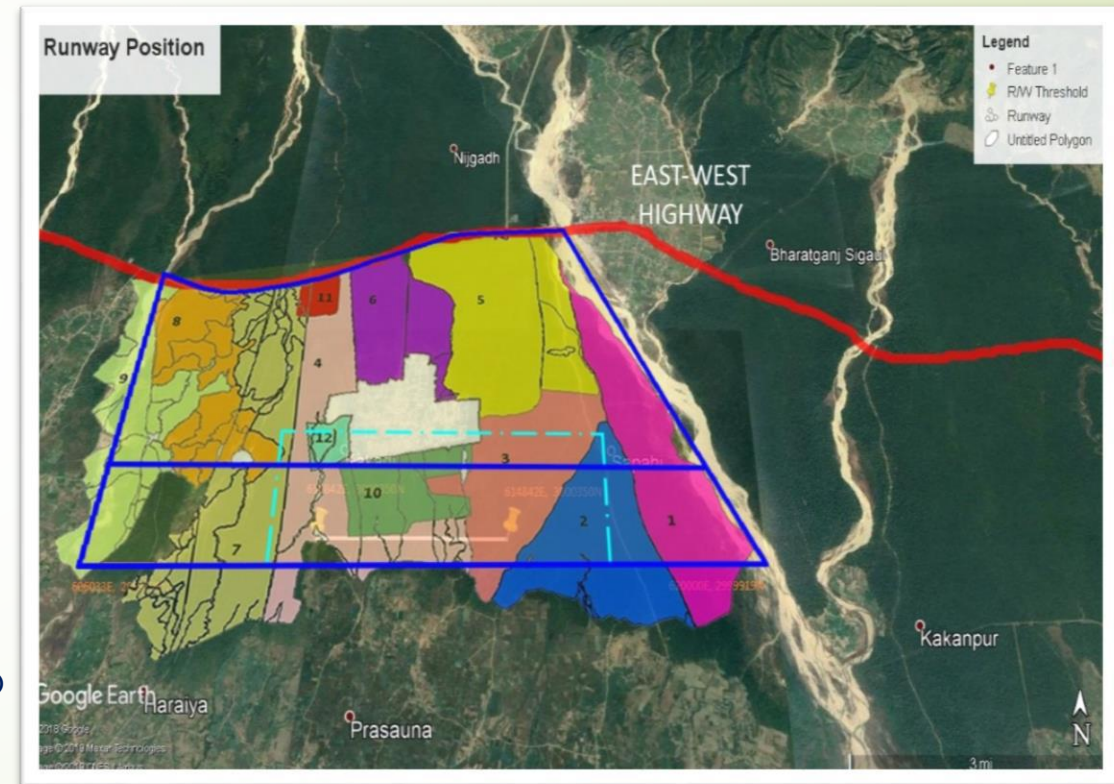
Land acquisition and development at Private land and house acquisition of Kathghat for SIA

Cost : NRs. 1.555 Billion

Progress – 60%

Resettlement Program of Tangiya Basti

The recent request (Dated: 2076/09/20) from MoCTCA to Ministry of Land Management, Cooperatives and Poverty Alleviation has been sought for needful help to Manage the 1495 Number of Squatters from Tangia Basti, Matiyani and Kathghat with resettlement program.



Nijgadh International Airport, Bara

2. Civil Construction Works

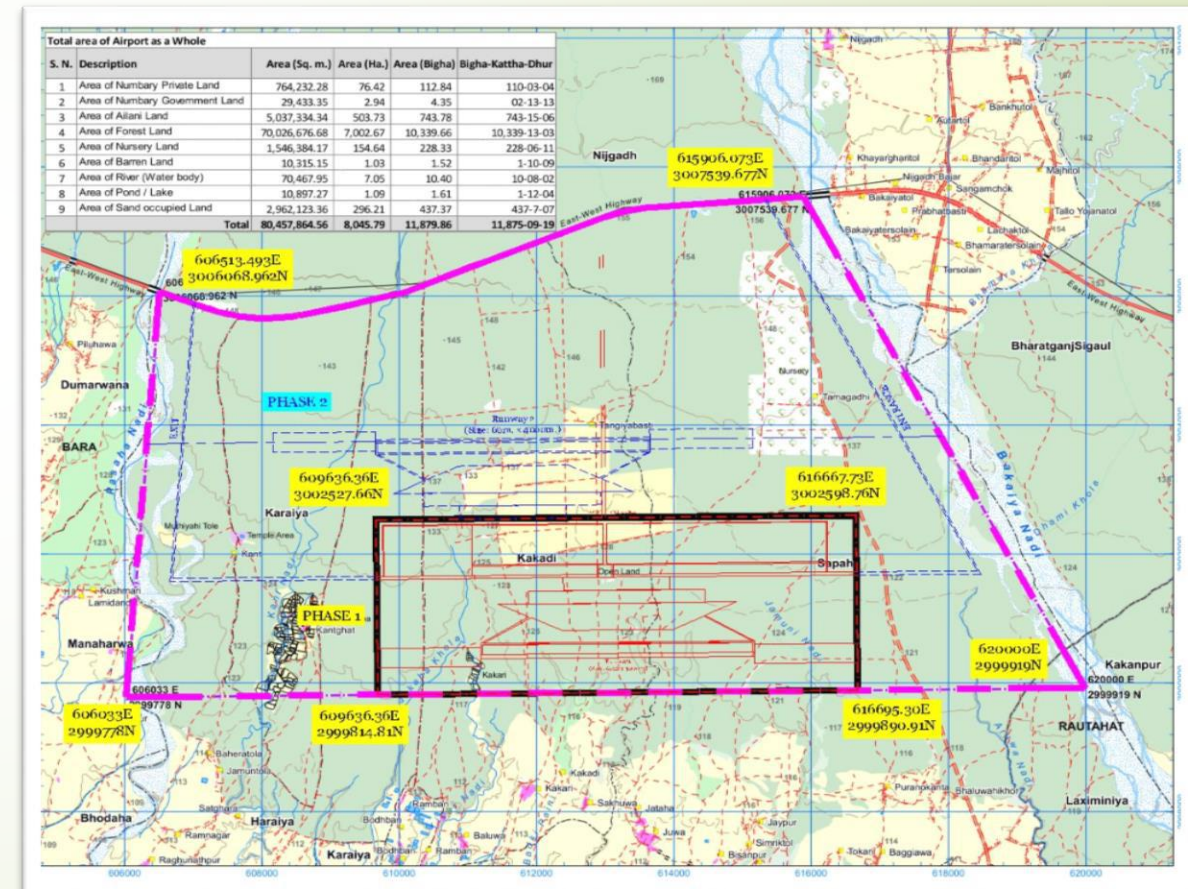
Implementation of the Memorandum of Understanding (MOU) Agreement between Ministry of Culture, Tourism and Civil Aviation (MoCTCA) and Nepal Army for Tree Cutting, Road and other necessary Infrastructure Construction works

Cost : NRs. 150 Billion

PP / FP: Stagnant

The recent request (Dated: 2076/08/12) from MoCTCA to Ministry of Forest and Environment has been sought for the necessary action to identify the trees to be cut to develop Airport within 1900 Ha Area with additional approach Road.

With the same aspect, Department of Forest and Soil Conservation has also requested (Dated: 2076/10/12) the Division Forest Office, Bara to submit the Estimate of the Numbering of Trees in that Area with the existing condition of it.



Nijgadh International Airport, Bara

2. Civil Construction Works

Fencing Construction works

Contract Price: NRs 39.9 Million

PP / FP: Complete

Old & Additional River Training works

Total Cost: NRs 250 Million

Total Projects



Nijgadh International Airport, Bara

3. Consulting Services

- ❖ **Preparation of Updated Airport Master Plan of Nijgadh International Airport, Bara District, Nepal-**

Procurement Procedure In Process

- Estimated Cost: NRs. 445 Million



Nijgadh International Airport, Bara : In next 5 years

An ICAO Certified Airport – Code 4F

- Completion of Civil Construction and Equipment Installation Works for First Phase
- Commercial Operation.



Capital Investment

International

- **Land acquisition NRs. 33 Billion**
- **Infrastructure development in recent 2.5 years NRs. 49 Billion**

Domestic

- **Land acquisition: NRs. 1 Billion**
- **Infrastructure development in recent 2.5 years NRs. 6 Billion**



Future Capital Investment - in 5 Years

International

- **Land acquisition - NRs. 5 Billion**
- **Infrastructure development - NRs. 250 Billion**

Domestic

- **Land acquisition - NRs. 34.6 Billion**
 - **Infrastructure development - NRs. 46 Billion**
- 

Non-Aeronautical Revenue and Commercial Development

- Pressure on airport not to increase aeronautical charges
- Increase in Low Cost Carriers
- Increased Passengers = Increased opportunities to conduct business
- Passengers inception towards air travel.
- High priority on commercial development of airport
- All airports shall be self sustainable



ATR 42 600s

- New STOL Aircraft
- 40 Seat capacity
- Delivery on late 2022
- Operation Possible after runway extension in Jumla, Jomsom, Dang, ramechhap, Taplejung, Simikot, Sanfebagar, Rumjatar, Tumlingtar, Palungtar, Tikapur, Khiji, Bajhang, Illam airports





Way Forward

- All runways in Terai operating Dash-8 aircrafts to be strengthened according to the structural design.
- The minimum thickness of asphalt pavement to be 11 cms.
- Mountainous airports to be upgraded for the operation of ATR42-600s aircraft in coming five years
- Terminal buildings to be designed with latest facilities and technology
- Green Design
- Night landing facilities



*Thank
you*

