



Islamic Republic of Afghanistan

2000 MW Solar Package

Objective

- Too many unprepared Unsolicited Proposals with high investment cost and tariff rate, which are not affordable for the Government;
- Absence of a proper Program in the Solar area from the Government side;
- Considering the fiscal outlook, to avoid inconsistency and create a footprint for solar energy projects without government subsidies or higher consumer costs, the Government has agreed on 2000 MW Solar Package;
- To bring all the projects under one umbrella i.e. USAID, IFC etc.
- FASA is signed between the Government and IFC for 40 MW pilot project;

EOI and land Assessment

- EOI is issued on Nov 25, 2018 and the submission deadline is Dec 20, 2018;
- The objective of the EOI is to identify the private sector and the interest of the private sector for the implementation of this package;
- Parallel government will conduct the feasibility study and work on sites identification in the mentioned areas;
- Once the feasibility study is prepared and approved the government will initiate Tender Process of the Project
- DABS will do the load flow analysis of all the distribution network;
- A team is assigned from CPA, MEW, DABS, ARAZI, NEPA, MUDA, IDLG and governors offices for the assessment of Land availability and identification;
- The team has already assessed the Kandahar and Herat sites.

Inter-Ministerial Committees

- For better implementation and coordination of the package the government has established 3 different committees as bellow:

1. Top Level Committee

- Minister of Finance, Minister of Energy and Water, CEO DABS and DG-PPP will be the members of this committee
- The committee will be dealing with Policy level and decision making issues

2. Technical Committee

- Representatives from MoF (CPA & DM Revenue and Customs), MEW, DABS, MoEc, MoCI, ARAZI, Advisor to the President for Banking and Finance and Senior Advisor to the President for Infrastructure
- This Committee will be dealing with technical issues

3. Mobile Team

Selection criteria for Solar Site

- All selected land is Government owned land;
- All selected land is suitable Geologically, Topographically and Hydrologically;
- Avoided land with having Shadow;
- All Selected land having access to Utilities, paved road and near or Attached to major route/highway;
- All land is selected based on Strong Grid, Nearest Substation and Transmission line;
- Avoided land having Biodiversity, Heritage and sensitive or critical habitat;
- All selected land is suitable based on Security and Safety.

No	Project Name	Zones/Provinces	Capacity MW
1	Kabul Solar Power Plant	Kabul	400
2	Nangarhar Solar Power Plant	Nangarhar	400
3	Kandahar Solar Power Plant	Kandahar	400
4	Herat Solar Power Plant	Herat	400
5	Balkh Solar Power Plant	Balkh	400

Site Location and land Availability

Kandahar Province: total available land 2697 jerab which include

1. Daman District behind Kandahar Airport phase A : 69 jerab
2. Daman District behind Kandahar Airport phase B: 98 jerab
3. Daman District marwandi manda area : 1001 jerab
4. Dand district roh abad area : 976 jerab
5. Behind Aino mena sharak : 329 jerab
6. Panjwai District demoorasi : 90 jerab
7. Speenboldak District speen gonbud area: 134 jerab

Herat Province: total available land 5464 jerab which include

1. Guzrah District kohi mula yaseen area : 1014 jerab
2. Zinda jan District dashti taraka area: 2200 jerab
3. Zinda jan District Shekaiban area: 250 jerab
4. Kurokh District : 1000 jerab
5. Injeel District Dashti House area: 2000 jerab

Kandahar province Perimeter

Daman District behind Kandahar Airport phase A : 98 jerab and 50 meter far from Transmission line

د کندهار ولایت د میدان هوایی اول د سولری برشنا تصویری نقشه



Scale : 1:12500



..... د اراضی ریاست ولایتی نماینده:

..... د برشنا ولایتی نماینده:

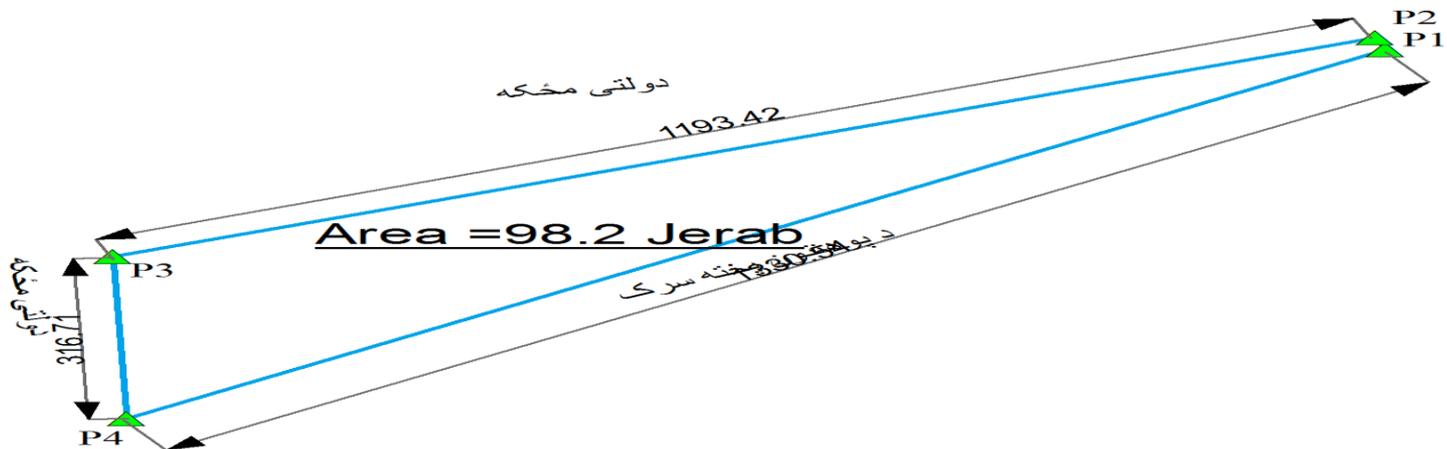
..... د شهرسازی ولایتی نماینده:

..... د شار والی نماینده:

..... د محیط زیست ولایتی نماینده:

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د کندهار ولايت د میدان هوایی اول د سولری برشنا تصویري نقشه



No	E	N	E2	Dis
1	65.896106	31.470918	1027.567	P1
2	65.896004	31.471126	1027.665	P2
3	65.884409	31.466966	1023.065	P3
4	65.884629	31.4641	1024.019	P4

Scale : 1:8000



..... د شار والی نمایندده :

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..... د محیط زیست ولایتی نمایندده:

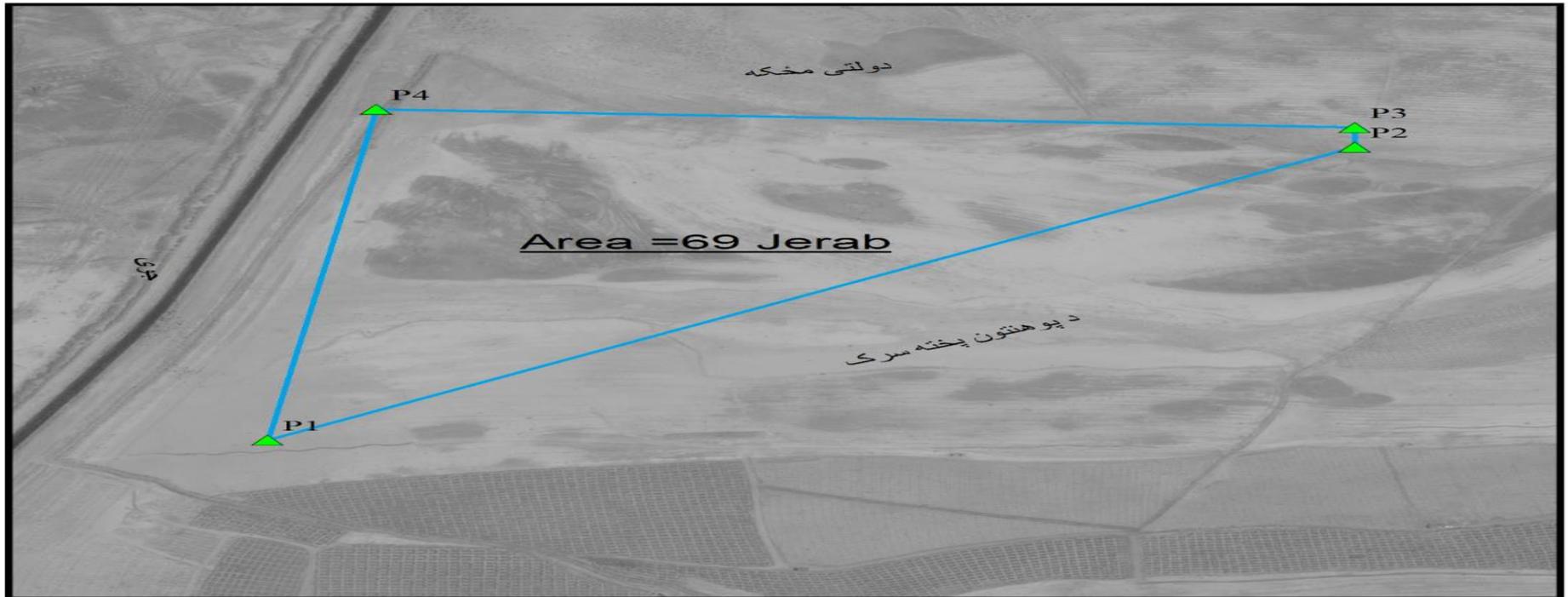
..... د برشنا ولایتی نمایندده :

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Daman District behind Kandahar Airport phase B: 69 jerab and 50 meter far from transmission line

د کندهار ولایت د میدان هوایی دوهم د سولری برشنا تصویري نقشه



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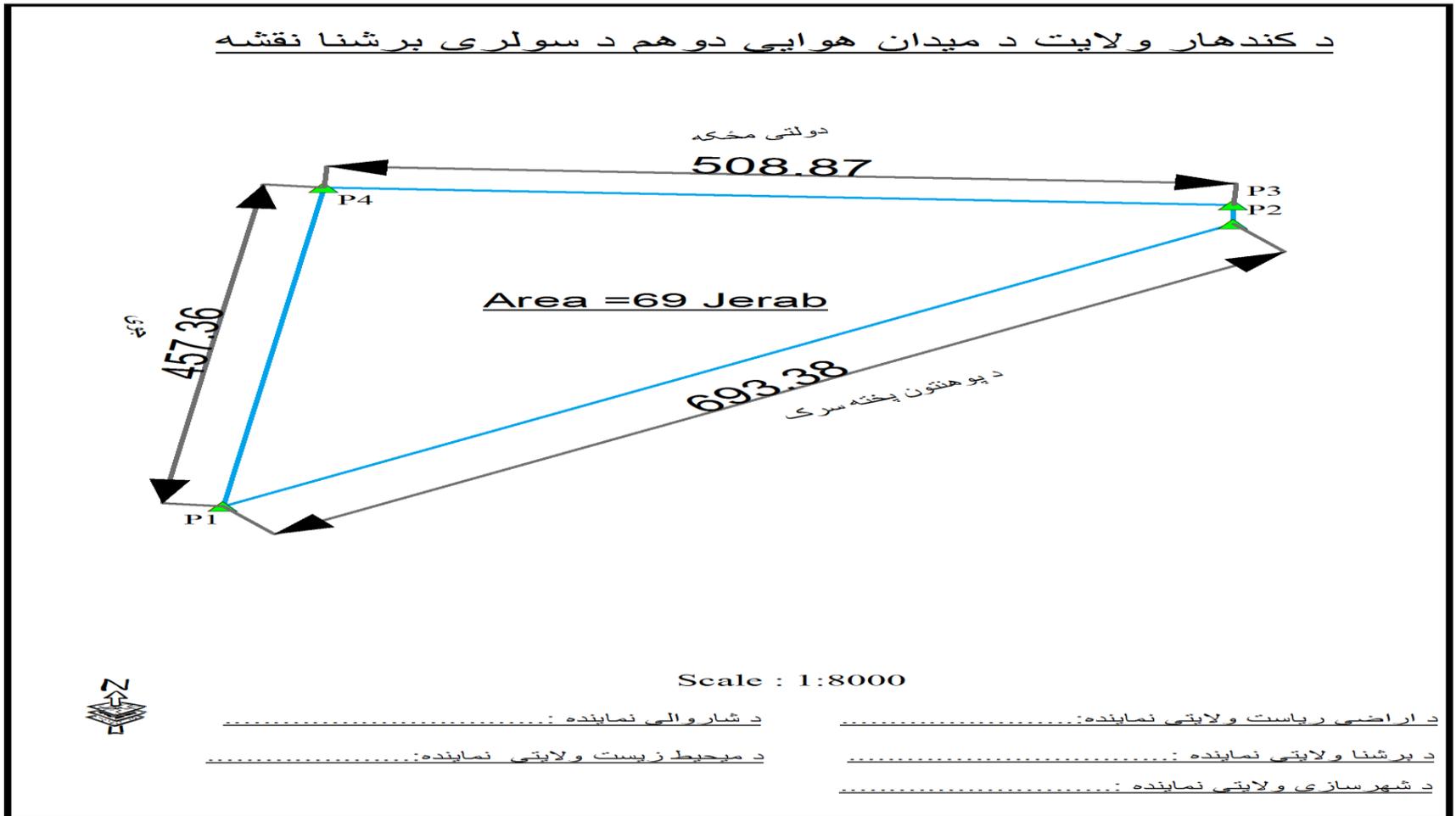


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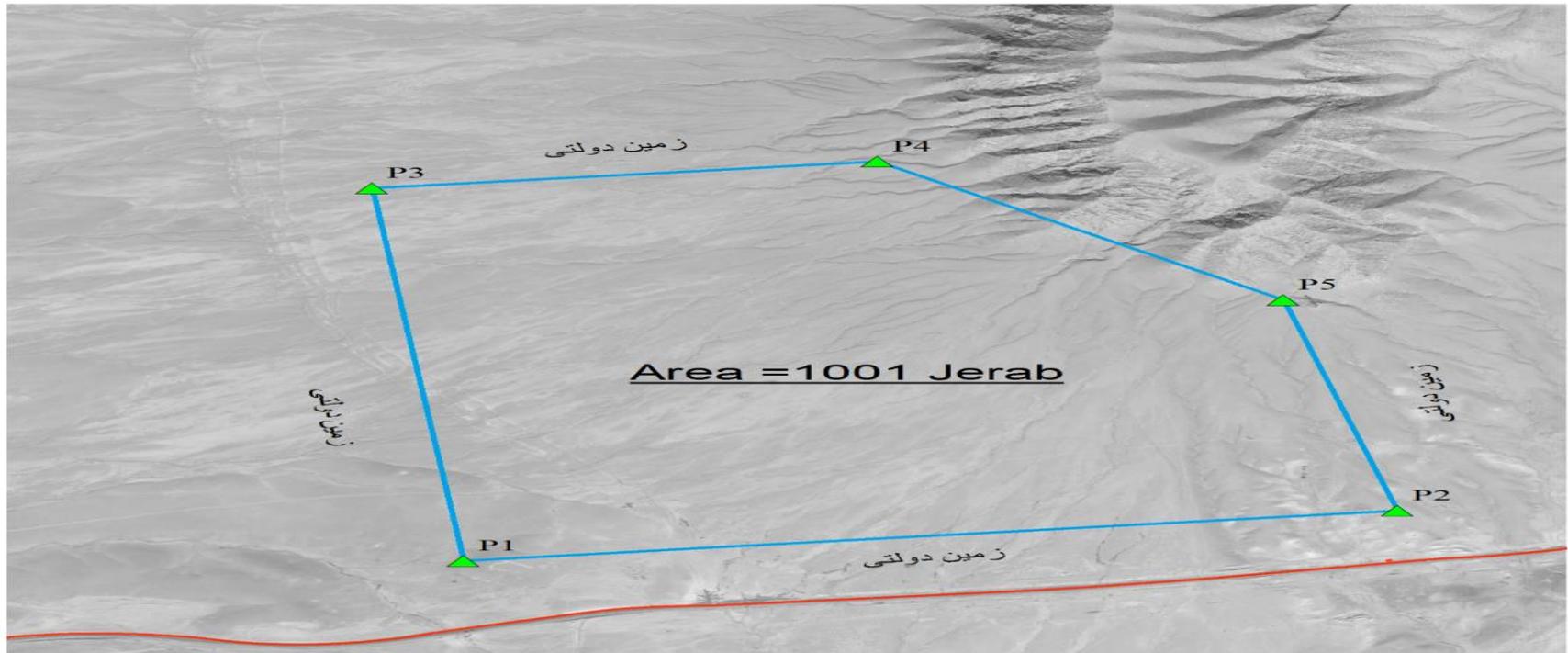
Daman District behind Kandahar Airport phase B: 69 jerab and 7 km far away from Substation



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1. Daman District marwandi manda area : 1001 jerab

د کندهار ولايت د دامان ولسوالۍ د سولري برشنا تصويري نقشه



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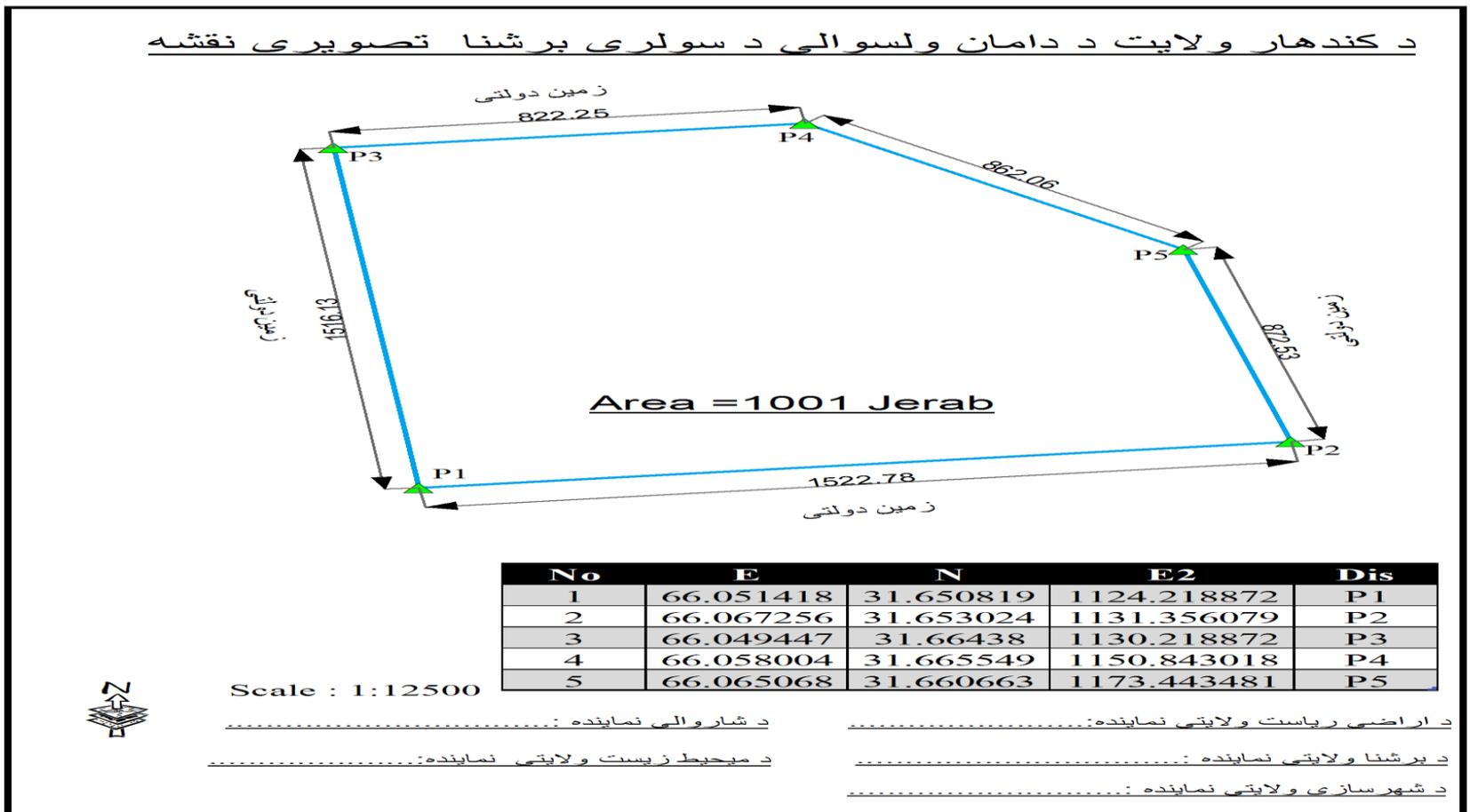
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..... د محیط زیست ولایتی نماینده:

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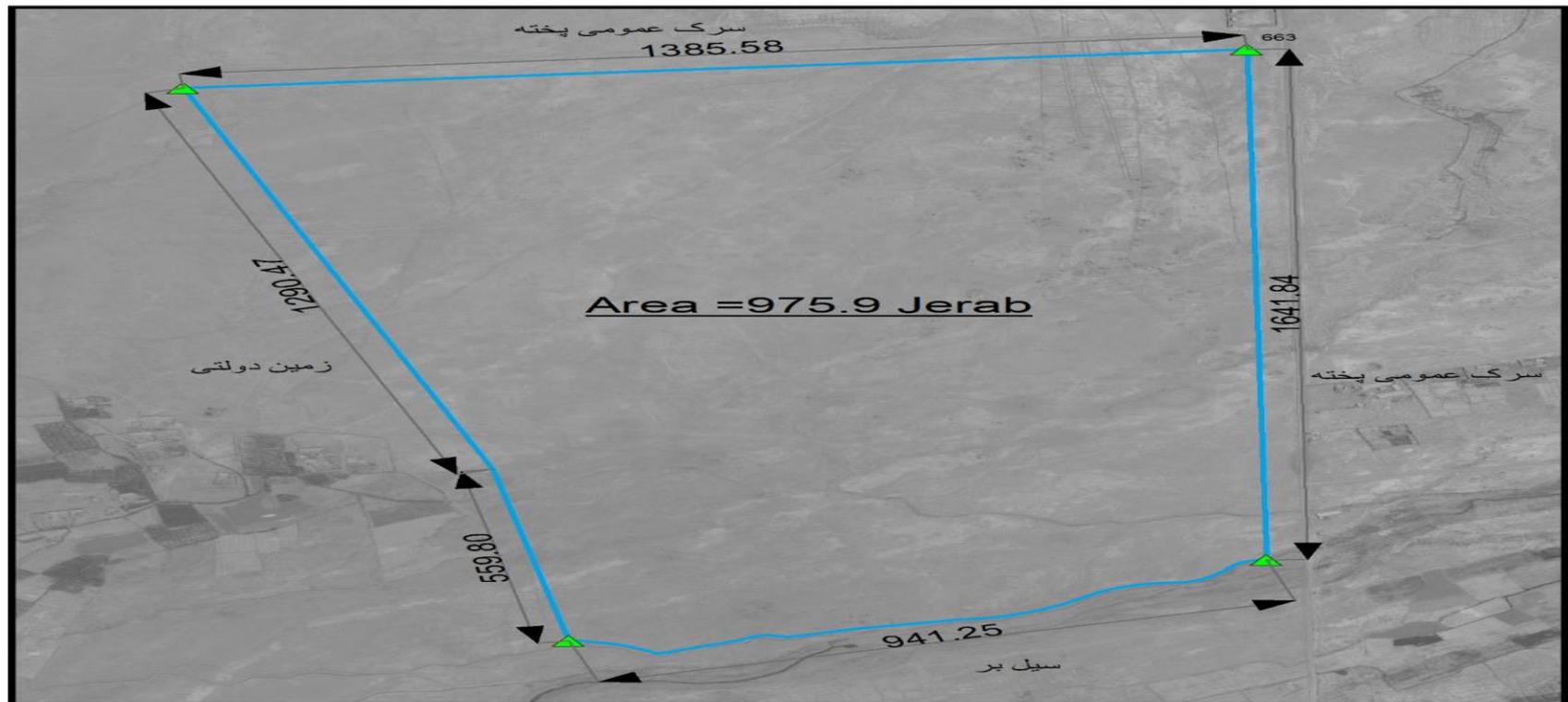
1. Daman District marwandi manda area : 1001 jerab



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1. Dand district roh abad area : 976 jerab and 7 km away from substation

د دند ولسوالۍ د سولرۍ برشنا دساحۍ تصويری نقشه



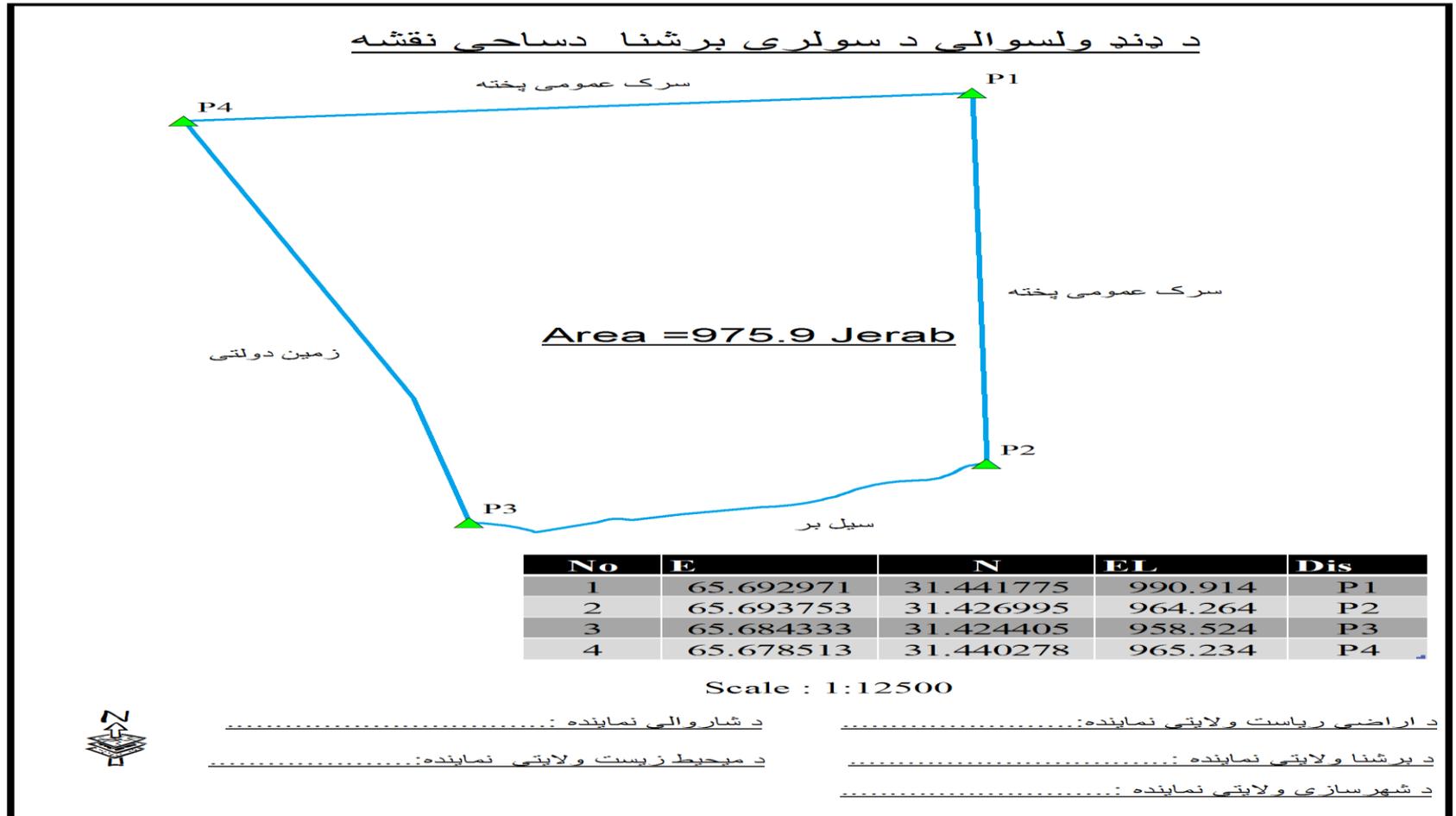
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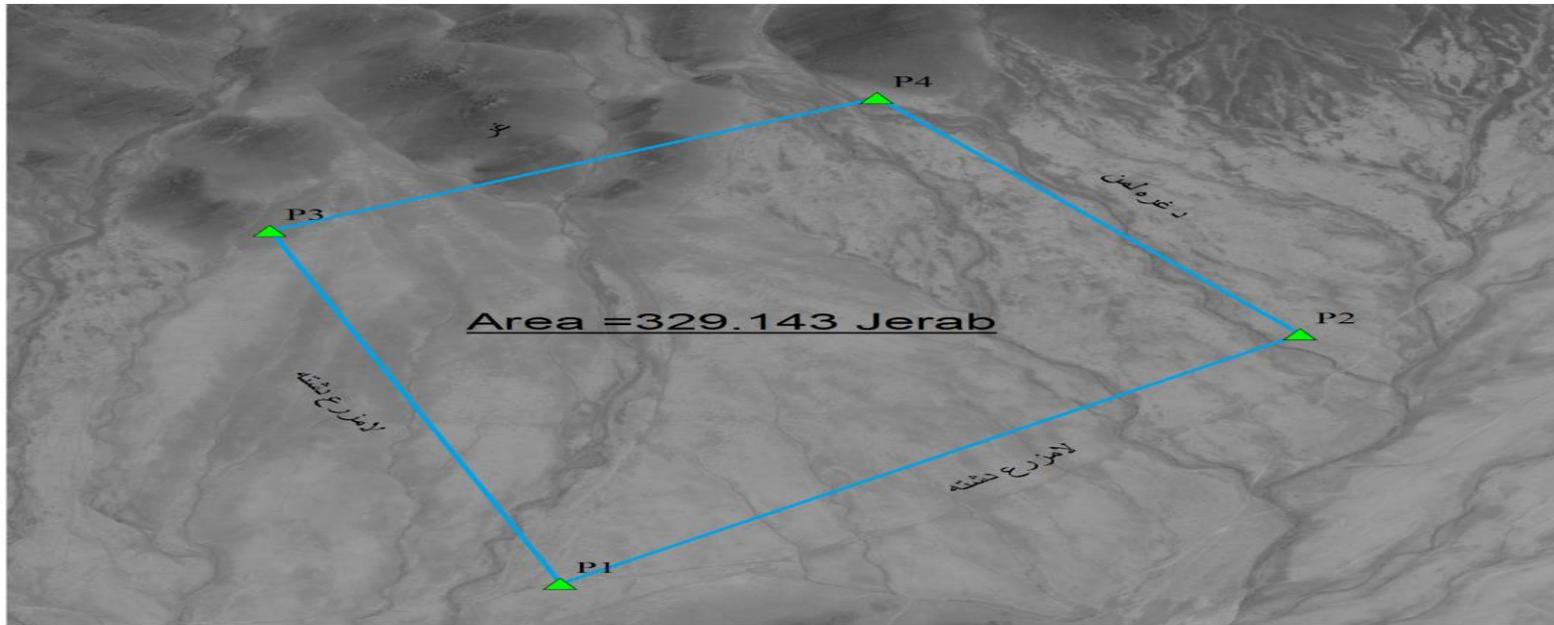
Dand district roh abad area : 976 jerab



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1. Behind Aino mena sharak : 329 jerab and 4 km away from substation

د کندهار ولایت د عینو مینو د سولری برشنا تصویر نقشه



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..... د محیط زیست ولایتی نمایندده:

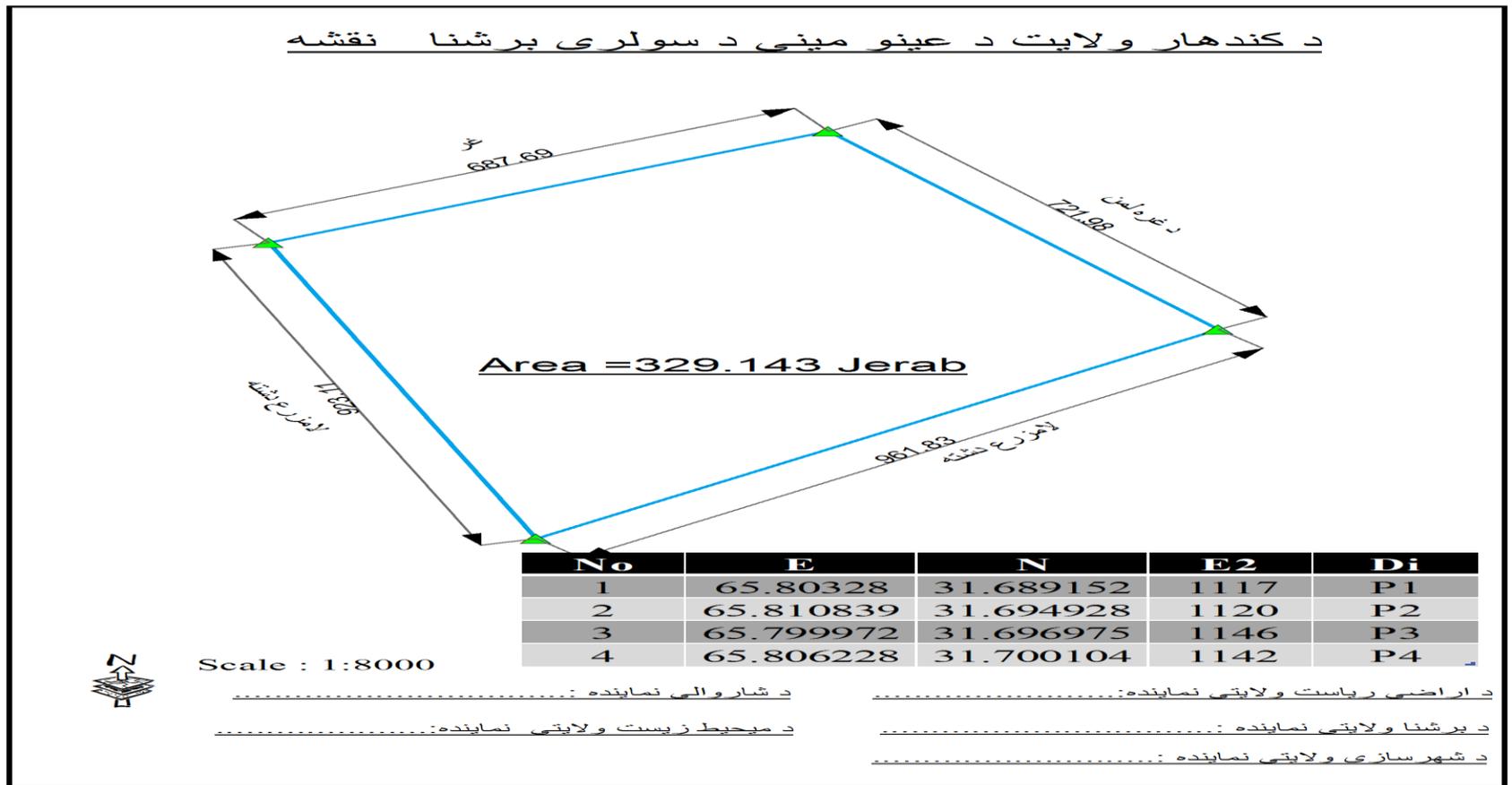
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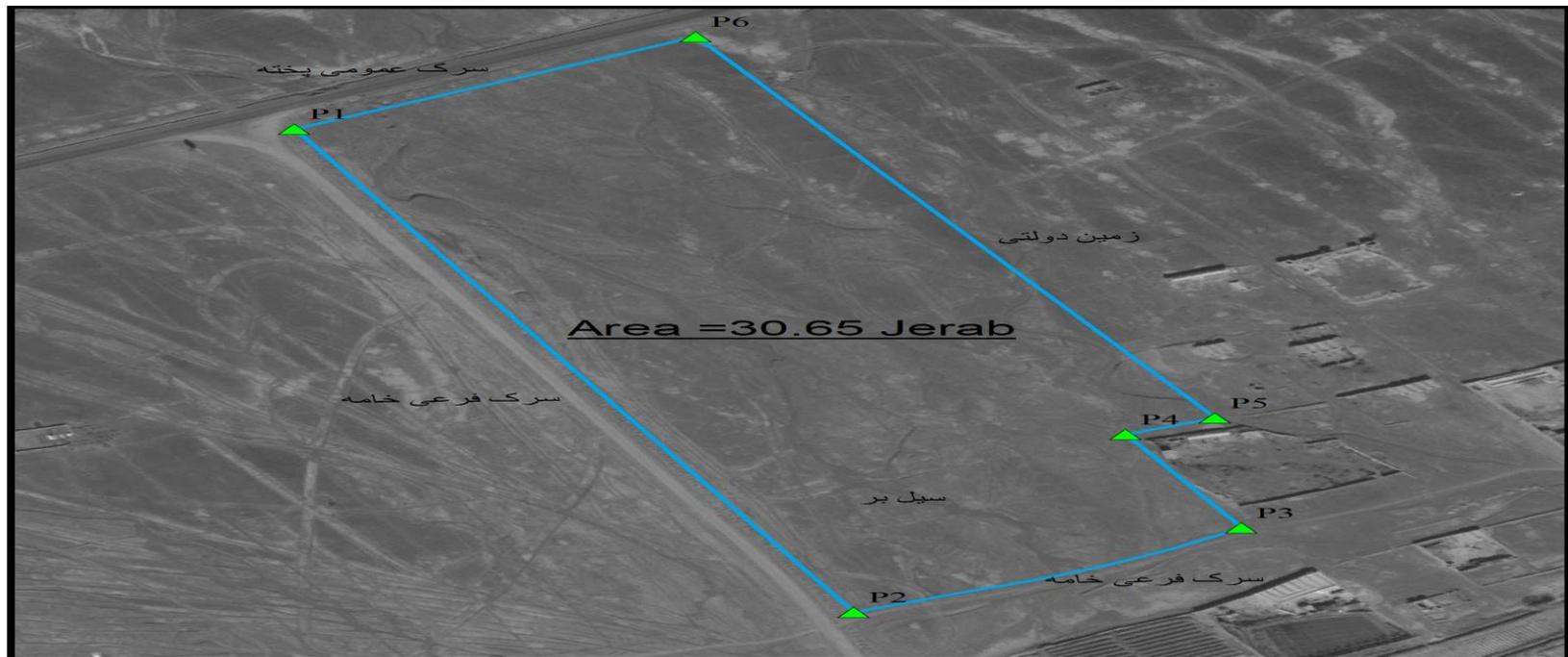
1. Behind Aino mena sharak : 329 jerab



Continued...

1. Panjwai District demoorasi : 30 jerab and 3 km away from Substation

د پنجوايي ولسوالۍ د سولري برشنا د ساحي نقشه

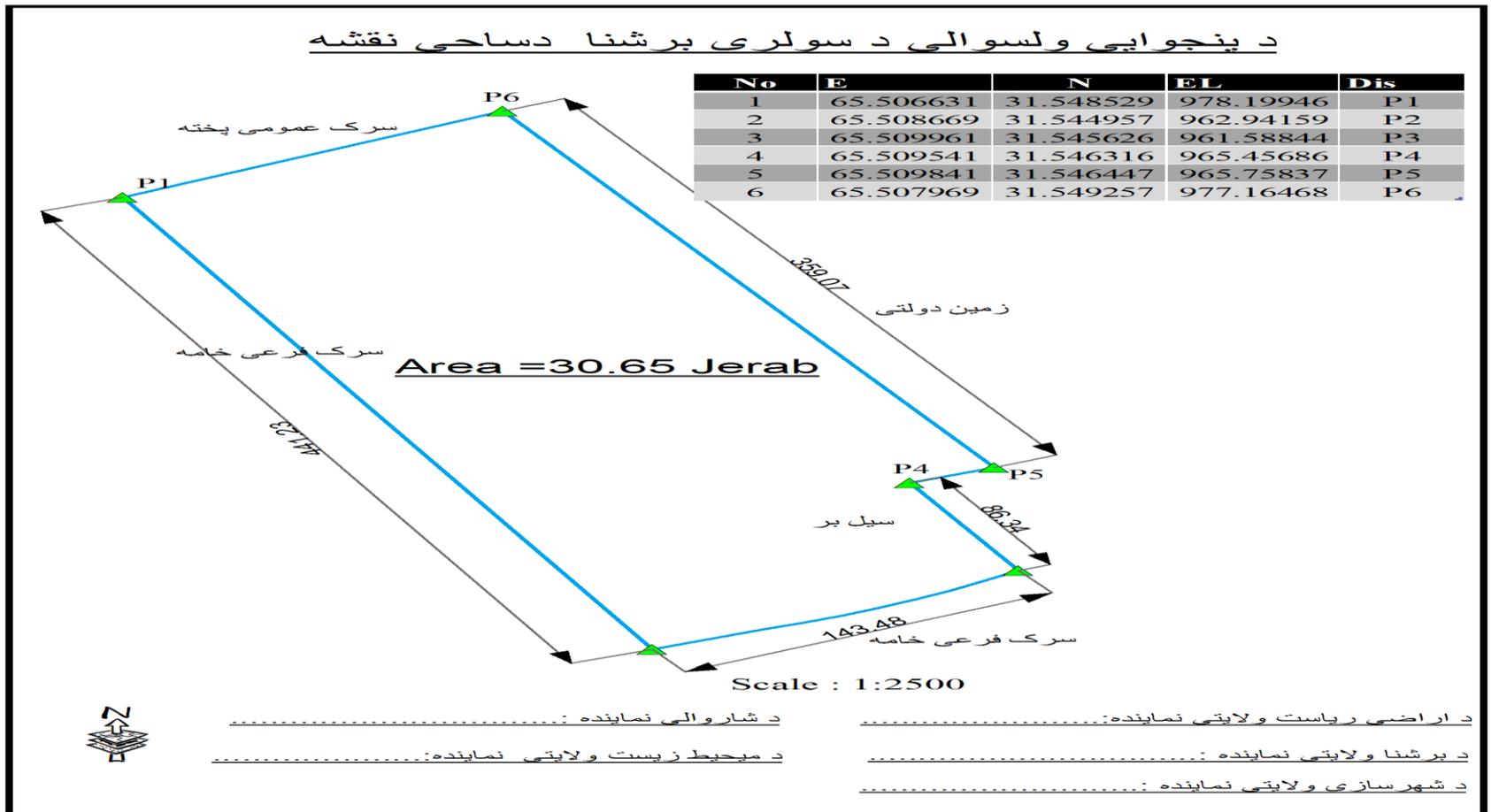


..... د شار والي نماينده :
..... د محيط زيست ولايتي نماينده:

..... د اراضي رياست ولايتي نماينده:
..... د برشنا ولايتي نماينده :
..... د شهر سازي ولايتي نماينده :

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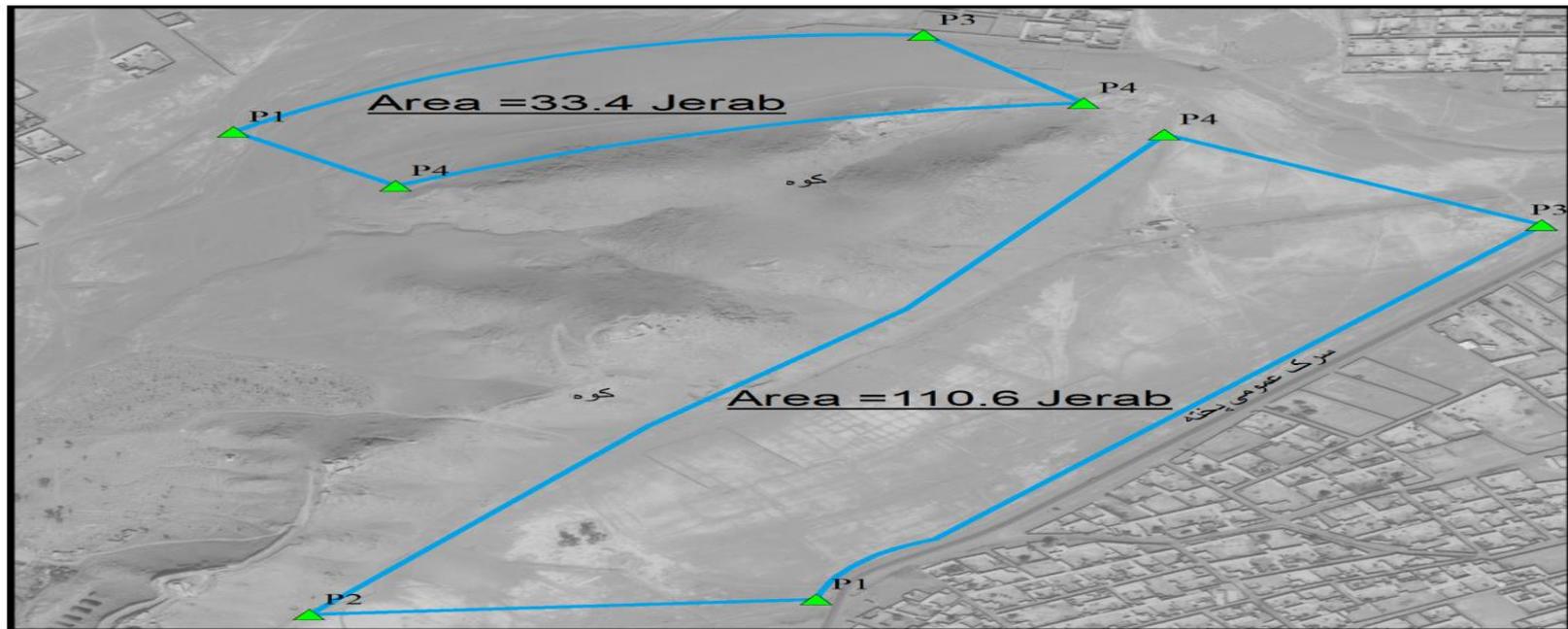
Panjwai District demoorasi : 30 jerab



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1. Speenboldak District speen gonbud area: 145 jerab and 2km away from substation

د بولدک ولسوالۍ د سولرۍ برشنا د ساحې تصویري نقشه



Scale : 1:8000



..... د شمار والي نماينده :

..... د محيط زيست ولايتي نماينده:

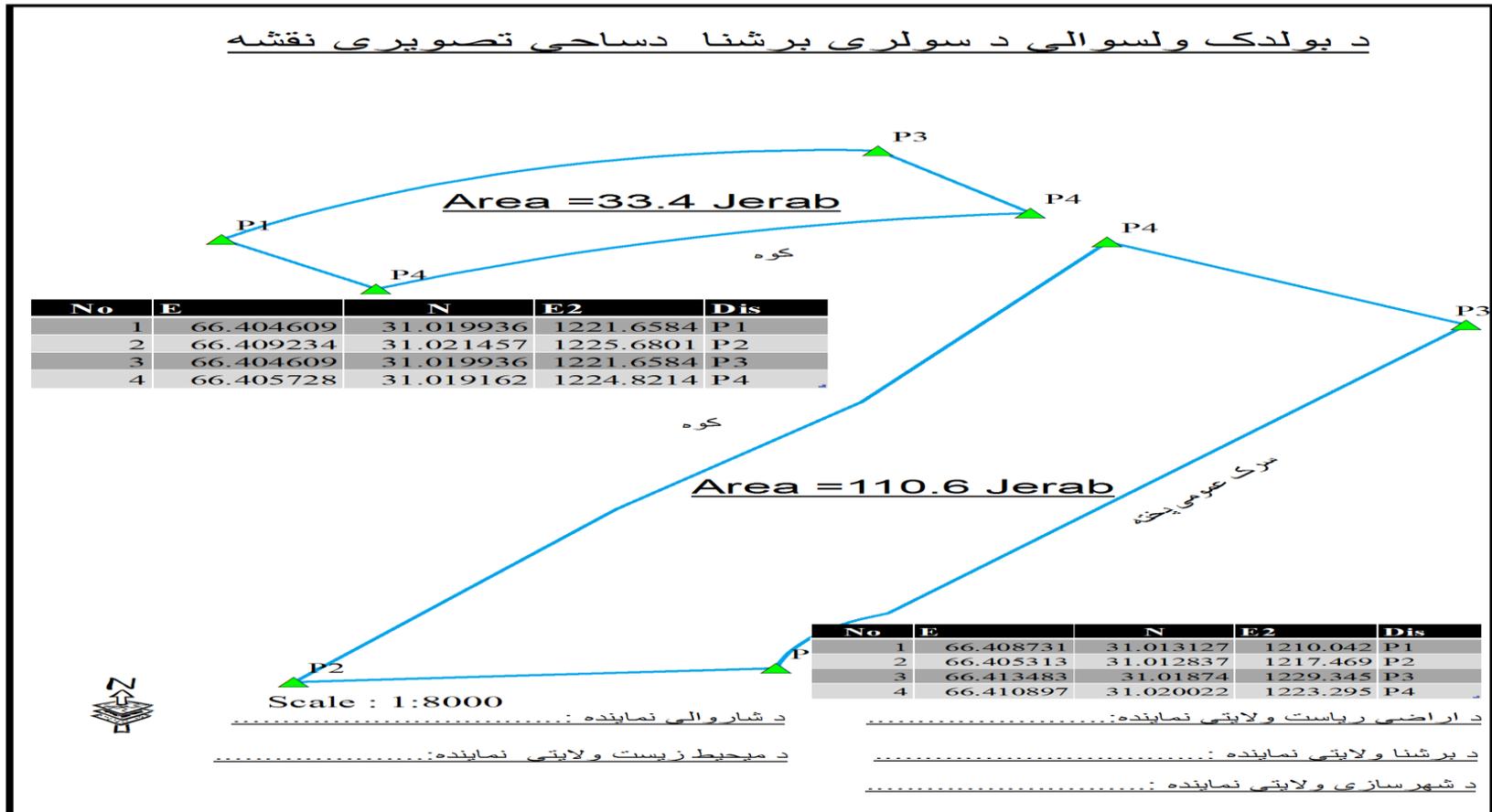
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1. Speenboldak District speen gonbud area: 145 jerab



Herat province Perimeter

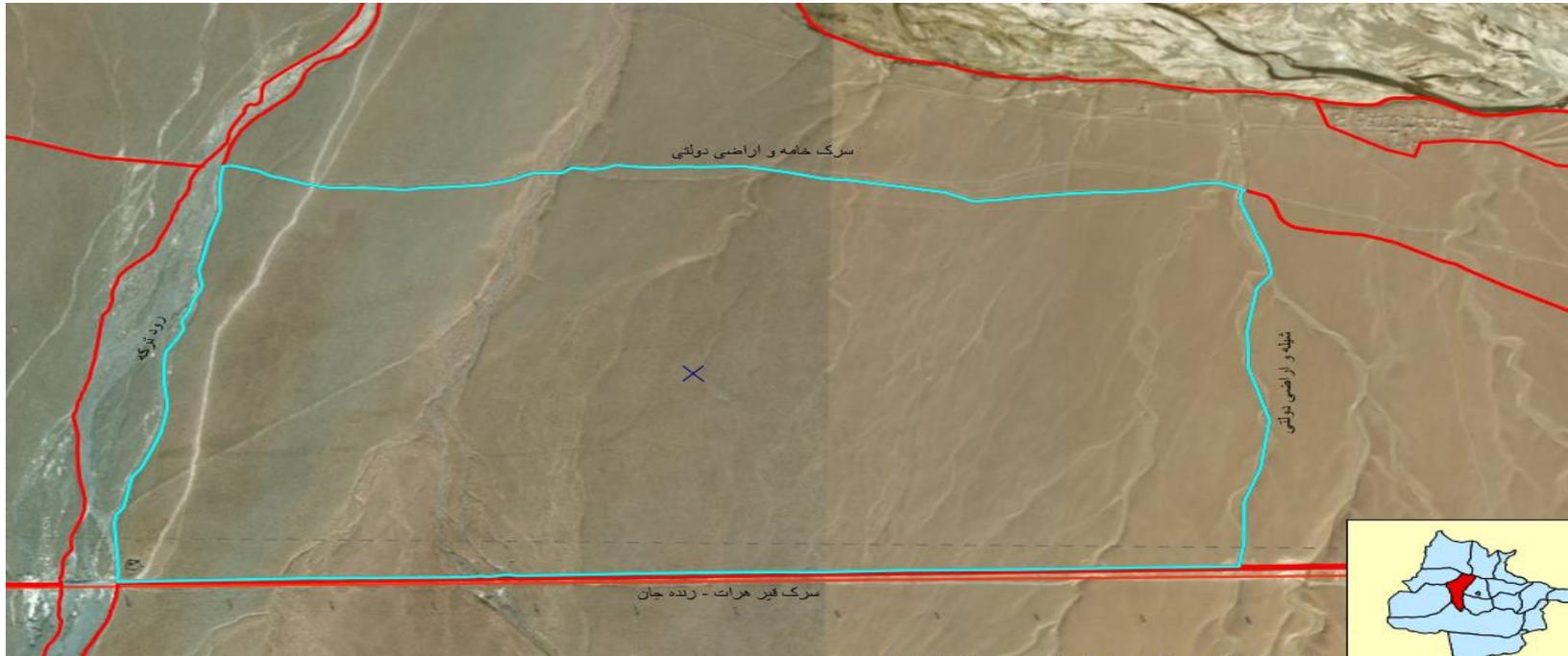
1. Guzrah District kohi mula yaseen area : 1014 jerab and 4 km away from substation



Guzrah District	No	X	Y
	P1	62.162	34.138
	P2	62.173	34.13
	P3	62.189	34.138
	P4	62.183	34.144

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1. Zinda Jan District dashti taraka area: 2200 jerab and 1 km away from transmission line



Zinda Jan District	No	X	Y
	P1	61.857	34.346
	P2	61.887	34.345
	P3	61.854	34.332
	P4	61.888	34.333

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1. Zinda Jan District Shekaiban area: 250 jerab



Zinda Jan District II	No	X	Y
	P1	61.771	34.419
	P2	61.778	34.419
	P3	61.776	34.413
	P4	61.768	34.413

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1. Kurokh District : 1000 jerab



Karokh	No	X	Y
	P1	62.658	34.557
	P2	62.667	34.557
	P3	62.661	34.533
	P4	62.653	34.534

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1. Injeel District Dashti House area: 2000 jerab



Injeel Dashti House	NO	X	Y
	P1	62.121	34.604
	P2	62.127	34.593
	P3	62.139	34.599
	P4	62.131	34.613

Recommendations

- Assist in providing Guarantees for all PPP Projects especially to the 2000 MW Package;
- Assist in providing soft loans;
- Marketing;
- Assist in preparation of the Projects.

Thank You!