

*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report

Project ID: 300050248



Project Name	XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	Project Type	Grassroot	PEC Activity Diagram
Industry Code	08 Metals & Minerals			
TIV (USD)	255,000,000	TIV (CNY)	1,691,000,000	
SIC Code	3339 Primary Smelting & Refining of Nonferrous Metals, Except Copper & Aluminum	Sector	Smelting	
SIC Product	3339*0034 Silicon refining, primary (over 99 percent pure)-mfg			
Status	Cancelled	Last Update	31-Oct-2017	Initial Release 15-Nov-2011
Status Reason	Other Constraints			
Environmental	Air (A) Land (L) Water (W)	Construction Labor Preference	Non-Union	
		Operations Labor Preference	Unconfirmed	



Plant Owner	Shannxi Hermaion Solar Company Limited	Plant Parent	Shannxi Hermaion Solar Company Limited
Plant Name	Xianyang Polysilicon Manufacturing Plant	Unit Name	

Plant ID 3040286

Location No.1 Hancang Road, High-Tech Industrial Park, Qindu District

City/State Xianyang, Shaanxi 712023 China

Phone +86 293 332 3756

Zone/County CN*01, Shaanxi

Project Responsibility Project Company

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Procurement - Purchasing Shannxi Hermaion Solar Company Limited
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PEC® Timing C1

PEC® Activity Construction - Merit Shop

Project Probability Low (0-69%)

Scope Shannxi Hermaion Solar Company with The 11 Electronics Design & Research Institute Engineering Company (Design Unit) perform Construction - Merit Shop for Xianyang Grassroot Polysilicon Manufacturing Plant. DETAILS: Construct plant/building and install process equipment to produce Polysilicon ingot for producing Solar Panels (1,000 Megawatts/yr) in 2 Phases. REQUIRES: Buildings, Ingot Furnace, Crystal Pulling Furnace, Polycrystal Stove & Slicer, Reduction Furnace, Thermal Converters, Inconel Vessels & Piping, Heat Exchangers, Pumps, Byproducts Plant, Sintering Furnace, Spin/Rinse and Dry, Acid Etching Tanks/Storage, Motors, Compressors (Air), Generators, Motors, Drives, MCC, Clean Room, plus Controls (PLC). ENVIRONMENTAL: (A) Vent, Baghouse, Scrubbers, Thermal Oxidizers; (L) Containment; (W) Wastewater Treatment.

Schedule Shannxi Hermaion Solar Company with The 11 Electronics Design & Research Institute Engineering Company (Design Unit) perform Construction - Merit Shop for Xianyang Grassroot Polysilicon Manufacturing Plant. Shannxi Hermaion Solar Company will release RFQs & Bid Documents for remaining equipment and construction as required 2Q15. Project Completion 2Q15 (Jun).

Details Oct-2017 Nov 2017 Cancelled due to other constraints

Engineering				
Contracting				
Project Key Needs	Electrical	Environmental	HVAC	
			Control Room	
	Instrumentation	Electrical	Mechanical	HVAC
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
				Continuous Process
Matter Phase				Solid
Energy				
Buy	Electricity	Fuel		
Sell				

Historical Reports

Project Name	Report Date	TIV	Phase
XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	15-Nov-2011	255,000,000 USD	Detailed Engineering (E2 - 31)
XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	16-Mar-2012	255,000,000 USD	Structural Erection (C1 - 34)

XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	21-Mar-2013	255,000,000 USD	Construction - Merit Shop (C1 - 36)
XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	25-Mar-2014	255,000,000 USD	Construction - Merit Shop (C1 - 36)
XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	23-Mar-2015	255,000,000 USD	Construction - Merit Shop (C1 - 36)
XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	28-Jun-2015	255,000,000 USD	Construction - Merit Shop (C1 - 36)
XIANYANG GRASSROOT POLYSILICON MANUFACTURING PLANT	31-Oct-2017	255,000,000 USD	Construction - Merit Shop (C1 - 36)

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