

PROCUREMENT PLAN

Basic Data

Project Name: Chemical Industry Energy Efficiency and Emission Reduction Project	
Project Number: 47051-002	Approval Number: 3308
Country: China, People's Republic of	Executing Agency: China National Chemical Corporation Group
Project Financing Amount: US\$ 245,010,000 ADB Financing: US\$ 100,000,000 Cofinancing (ADB Administered): Non-ADB Financing: US\$ 145,010,000	Implementing Agency: Beijing Zhonghao Huatai Energy Technology Company, China Hoahua Chemical Group Co., Ltd., Dezhou Shihua Chemical Co.Ltd. Project Closing Date: 31 August 2021
Date of First Procurement Plan: 30 October 2015	Date of this Procurement Plan: 18 November 2020, Version 4
Advance Contracting: No	e-GP: No

A. Methods, Thresholds, Review and 18-Month Procurement Plan

1. Procurement and Consulting Methods and Thresholds

Except as the Asian Development Bank (ADB) may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	US\$ 10,000,000 and Above	Subject to prior review by ADB (EAEN, OSFMD, OGC).
National Competitive Bidding for Goods	Up to US\$ 9,999,999	ADB-approved model NCB documents to be followed.
Government Procedure for Goods	Up to US\$ 9,999,999	
National Competitive Bidding for Works	Up to US\$ 39,999,999	ADB-approved model NCB documents to be followed.
Government Procedure for Works	Up to US\$ 14,999,999	

Consulting Services	
Method	Comments
Consultant's Qualification Selection for Consulting Firm	Subject to prior review.
Individual Consultant Selection for Individual Consultant	Subject to prior review.

2. Goods and Works Contracts Estimated to Cost \$1 Million or More

The following table lists goods and works contracts for which the procurement activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
16C	1.optimization & control transformation of tetrafluoroethylene monomer unit; 2. optimization and control of hcfc-22 device; 3. construction of online motor monitoring system; 4. construction of intelligent patrol system	3,500,000.00	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

							Covid-19 Response? No Comments: ADB-approved model NCB documents to be followed.
16D	VCM phase 2 tower type, container equipment	4,270,000.00	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: ADB-approved model NCB documents to be followed.
17D	VCM phase 2 units & pumps	2,390,000.00	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: ADB-approved model NCB documents to be followed.

3. Consulting Services Contracts Estimated to Cost \$100,000 or More

The following table lists consulting services contracts for which the recruitment activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/ Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
4	Subproject preparation	530,000.00	ICS	Prior	Q2 / 2020		Assignment: National

							Expertise: Project evaluation
							Covid-19 Response? No
							Comments: Individual, tbd

4. Goods and Works Contracts Estimated to Cost Less than \$1 Million and Consulting Services Contracts Less than \$100,000 (Smaller Value Contracts)

The following table lists smaller-value goods, works and consulting services contracts for which the activity is either ongoing or expected to commence within the next 18 months.

Goods and Works								
Package Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
None								

Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
None								

B. Indicative List of Packages Required Under the Project

The following table provides an indicative list of goods, works and consulting services contracts over the life of the project, other than those mentioned in previous sections (i.e., those expected beyond the current period).

Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
None							

Consulting Services							
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Type of Proposal	Comments
None							

C. List of Awarded and On-going, and Completed Contracts

The following tables list the awarded and on-going contracts, and completed contracts.

1. Awarded and Ongoing Contracts

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
12C	Equipment supply and installation for energy-saving renovation of vacuum pump system	1,004,701.00	700,000.00	NCB	Q3 / 2018	28-SEP-18	
15C	Procurement of efficient and energy-saving motors	1,021,358.00	400,000.00	NCB	Q3 / 2018	28-SEP-18	
10C	equipment supply for energy-saving renovation of the evaporative cooling system.	763,507.00	760,000.00	NCB	Q3 / 2018	28-SEP-18	
14C	1.General engineer contracting of energy-saving renovation of -35 °C direct evaporative refrigeration renovation; 2.Energy-saving renovation of frozen brine system	1,500,000.00	1,500,000.00	NCB	Q3 / 2018	31-OCT-18	
17C	Decoration for energy management center construction	500,000.00	480,000.00	NCB	Q3 / 2019	30-SEP-19	
14D	PVC process installation	1,580,000.00	1,000,000.00	NCB	Q3 / 2018	31-DEC-18	
9D (5)	PVC polymerization kettle, drying bed and stripping column; drying bed and stripping column	4,000,000.00	3,700,000.00	NCB	Q2 / 2018	02-APR-18	
8D (2)	VCM phase 1 electrical installation materials	3,150,000.00	2,700,000.00	NCB	Q3 / 2018	31-DEC-18	
5C	General engineer contracting of 2500t/a PTFE dispersion resin post-treatment drying system renovation (total solution program)	2,537,313.00	1,600,000.00	NCB	Q3 / 2018	28-SEP-18	
9C	General engineer contracting of energy	6,347,135.00	5,000,000.00	NCB	Q3 / 2018	28-SEP-18	

	management and control center system construction (total solution program)						
9D	PVC heat exchanger, vessel & water treatment device	3,200,000.00	2,830,000.00	GP	Q1 / 2016	31-DEC-16	4 contracts awarded from Dec. 2016 to Jan. 2018

Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
3	Environment Monitoring Specialist	60,000.00	57,000.00	ICS	Q3 / 2018	28-JUN-19	
2	Project Implementation Specialist	45,000.00	43,000.00	ICS	Q3 / 2018	28-JUN-19	

D. National Competitive Bidding

A. Regulation and Reference Documents

1. The procedures to be followed for national competitive bidding shall be those set forth in *The Government Procurement Law of People's Republic of China* approved on 29 June 2002 and *Law of the People's Republic of China on Bid Invitation and Bidding of the People's Republic of China* promulgated on August 30, 1999 with the clarifications and modifications described in the following paragraphs required for compliance with the provisions of the ADB Procurement Guidelines.

B. Procurement Procedures

1. Competitive Bidding Procedure (Procurement Law Art. 26 and Law on Bidding Art. 10).

2. Public tendering is the acceptable method of government procurement, and public invitation is the accepted bid invitation mode.

2. Eligibility

3. The eligibility of bidders shall be as defined under section I of the Procurement Guidelines; accordingly, no bidder or potential bidder should be declared ineligible for reasons other than those provided in section I of the Guidelines, as amended from time to time.

3. Advertising

4. All invitations to prequalify or to bid shall be advertised in the national press (China Daily Newspaper) or a free and open access website (www.chinabidding.com). Such advertisement shall be made in sufficient time for prospective bidders to obtain prequalification or bidding documents and prepare and submit their

responses. In any event, a minimum preparation period of twenty-eight (28) days shall be given. The preparation period shall count (a) from the date of advertisement, or (b) when the documents are available for issue, whichever date is later. The advertisement and the prequalification and bidding documents shall specify the deadline for such submission.

4. Bidding Period

5. The minimum bidding period is 28 days prior to the deadline for the submission of bids.

5. Participation by Government-Owned Enterprises

6. Government owned enterprises in the Borrower's country may be permitted to bid if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law and (c) are not a dependent agency of the Borrower/Project Executing Agency.

6. Rebidding

7. Re-bidding shall not be allowed solely because the number of bids is less than three (3).

C. Bidding Documents

7. Qualification requirements

8. Qualification requirements of bidders and the method of evaluating the qualification of each bidder shall be specified in detail in the bidding documents, and in the prequalification documents if the bidding is preceded by a prequalification process.

8. Bid Submission and Opening

9. Bidders shall be allowed to submit bids by mail or by hand.

10. All bids shall be opened in public; all bidders shall be afforded an opportunity to be present (either in person or through their representatives) at the time of bid opening, but bidders shall not be required to be present at the bid opening.

9. Bid Evaluation and Award

11. No bid may be rejected solely on the basis that the bid price falls outside any standard contract estimate, or margin or bracket of average bids established by the Borrower/Project Executing Agency.

12. Each contract shall be awarded to the lowest evaluated responsive bidder, that is, the bidder who meets the appropriate standards of capability and resources and whose bid has been determined (a) to be substantially responsive to the bidding documents and (b) to offer the lowest evaluated cost. The winning bidder shall not be required, as a condition of award, to undertake responsibilities for work not stipulated in the bidding documents or otherwise to modify the bid as originally submitted.

10. ADB Policy Clauses

13. Each contract financed with the proceeds of the Loan shall provide that the suppliers and contractors shall permit ADB, at its request, to inspect their accounts and records relating to the performance of the contract and to have said accounts and records audited by auditors appointed by ADB.

14. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that the Borrower shall reject a proposal for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question.

15. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that ADB will declare a firm or individual ineligible, either indefinitely or for a stated period, to be awarded a contract financed by ADB, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices or any integrity violation in competing for, or in executing, ADB-financed contract.