



Underground Coal Gasification Project Thar  
Energy Department, Government of Sindh  
BhambinoBheel, Islamkot, Tharparkar



Liaison Office, House No.28 Street No. 03, Sector E-11/4, Islamabad Ph: 051-2223813, Fax:051-2223817

No.UCG/Misc. Tenders/1/2018

January 26, 2018

The Sindh Public Procurement Regulatory Authority,  
Block No. 08, Sindh Secretariat No. 04-A, Court Road,  
Karachi.  
Ph.# 021-99205356-99205369  
Fax # 021-99206291

Subject: **POSTING OF ADVERTISEMENT ON SPPRA WEB SITE**

I am directed to enclose material to be published on SPPRA Web Site as on Monday, January 29, 2018 for procurement of various items for UCG Project Thar. Following documents are attached for the purpose.

- i. Annual Procurement Plan of UCG Project Thar.
- ii. Copy of Tender Documents (119-01-18 to 123-01-18) (05 Tenders).
- iii. Procurement Committee.
- iv. Complaint Redressal Committee (CRC).

  
Assistant Manager  
(Admin/Finance)

Encl: **As Above**

SPPRA INWARD DIARY  
NO: SMS  
DATED 29-01-2018

CC:

- PS to Coordinator General and Chairman( BoG), UCG Project Thar, Islamabad
- PS to Managing Director, UCG Project Site, Islamkot

**Underground Coal Gasification Project Thar Government of Sindh  
ANNUAL PROCUREMENT PLAN(Revised)**

(WORKS, GOODS & SERVICES)

Sr. No	Description Of Procurement	Quantity (Where Applicable)	Estimated Unit Cost (where applicable) Million	Estimated total cost Rupees in Million	Financial		Proposed procurement method	Year <u>2017-18</u> Timing of procurements				Remarks
					Funds allocated (300.00 Million)	Source of funds (ADP/ Non ADP)		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	Diesel and Petrol	0.0842 Gallon	0.0043516 Gallon /	70.00	70.00	√	from state owned enterprise	√	√	√	√	
2	Workshop Consumable	-	-	45.00	45.00	√	open Tender	√	√	√	√	
3	Workshop Machinery	-	-			√	√	√	√	√	√	
4	Pipes/Valves/Fittings	-	-	18.00	18.00	√	√	√	√	√	√	
5	Welding Equipments	-	-	3.00	3.00	√	√	√	√	√	√	
6	Electrical Items, Equipment Transmission Line, Submersible Bore Hole Pump, Heavey Motors etc	-	-	5.00	5.00	√	√	√	√	√	√	
7	Vehicles Repairing Spares Parts	-	-	5.00	5.00	√	√	√	√	√	√	
8	Drilling Consumable Spare Parts , Baby Cementing Unit, etc	-	-	8.00	8.00	√	√	√	√	√	√	
9	Tricone Roller Bit of different sizes	-	-	5.00	5.00	√	√	√	√	√	√	
10	Geology Consumable Equipments	-	-	9.0	9.0	√	√	√	√	√	√	
11	R.O Plant Chemcials, RO Plant, etc	-	2.0	7.0	7.0	√	√	√	√	√	√	
12	Contingency Services	-	-	2.0	2.0	√	√	√	√	√	√	
13	Gen. Items Such as Office Equipments/Computers Hardwares, Software/ Office Stationary/Furniture Fixture/LPG Gas & other Misc.	-	-	2.0	2.0	√	Open Tender	√	√	√	√	



# GOVERNMENT OF SINDH ENERGY DEPARTMENT

## NOTIFICATION

SO (COORD)/C&EDD/5-8/2014:- In pursuance of Rule 7 of the Sindh Public Procurement Rules 2010 the Govt. of Sindh is pleased to constitute following "Procurement Committee" for Underground Coal Gasification Project, Tharparkar, along with its ToRs, as per detail below:

- |       |   |                  |
|-------|---|------------------|
| (i)   | Chief Engineer, UCG Thar Project, Islamkot.   | Chairman         |
| (ii)  | Senior Engineer, UCG Thar Project, Islamkot.  | Member           |
| (iii) | In-charge Site, Sindh Coal Authority, Mithi or his representative.                    | Member           |
| (iv)  | Representative of Secretary, Finance Department i.e. District Account Officer, Mithi. | Member           |
| (v)   | Procurement Officer, UCG Project Thar, Islamkot.                                      | Member/Secretary |

### Terms of Reference

- Preparing Bid Documents.
- Carrying out Technical & Financial Evaluation of the bids.
- Preparing Evaluation Report as provided in Rule 45.
- Making recommendations for the award of contract to the competent authority.
- Perform any other function ancillary and incidental to the above.
- The Committee may co-opt one or more non-member participation as per nature of item (s) tendered.

SECRETARY TO GOVERNMENT OF SINDH

Karachi, dated: September 15, 2014

No.SO (COORD)/C&EDD/5-8/2014

Copy forwarded for information to:

1. The ACS (Dev), P&D Deptt. Government of Sindh.
2. The Secretary, Finance Department, Sindh
3. The Managing Director, SPPRA, Karachi.
4. The Director General, Sindh Coal Authority.
5. The Managing Director, UCG Thar Projects, Islamabad.
6. The Site In charge/ Director (UCG), UCG Thar Projects, Islamkot.
7. The Committee member (All)
8. The P.S. to Secretary, ED, Government of Sindh.
9. Related files (SPPRA & Project)

R&I Section  
Planning and Dev. Department  
Government of Sindh  
Karachi



(SHARIQ RAZA)  
SECTION OFFICER (COORD)





**GOVERNMENT OF SINDH  
ENERGY DEPARTMENT**

**NOTIFICATION**

SO (COORD)/ED(Coal)/5-8/2016:- In pursuance of Rule 31 & 32 of the Sindh Public Procurement Rules 2010 (Amended 2013), the Govt. of Sindh is pleased to constitute a complaint redressal committee (CRC) for Underground Coal Gasification Project at Thar coalfield with the following composition and ToRs:

(i) Managing Director, UCG Thar Project, Islamkot	Chairman
(ii) AG Sindh (through representative), Karachi	Member
(iii) Chief Engineer, UCG Thar Project, Islamkot	Member
(iv) Mr. Amanullaha Junejo, Geologist, Islamkot (An independent professional)	Member
(v) Principle Engineer, UCG Thar Project, Tharparkar	Member/Secretary

**Terms of Reference**

- To examine complaint (s) of bidder (s) with regard to all procurements of UCG Project (goods and services).
- To take decision in light of SPPRA Rules 2010 (Amended 2013)

(AGHA WASIF ABBAS)  
SECRETARY TO GOVERNMENT OF SINDH

No.SO (COORD)/ED(Coal)/5-8/2016  
Copy forwarded for information to:

Karachi, dated: January 1, 2016

1. The ACS (Dev), P&D Deptt., Government of Sindh, Karachi.
2. The Accountant General, Sindh, Karachi.
3. The Secretary, Finance Department, Karachi.
4. The Managing Director, SPPRA, Karachi.
5. The Managing Director, UCG Thar Project, Islamabad.
6. The DS (Staff) to CS Sindh, Karachi.
- ✓ 7. The Committee member (All) *The Chief Engineer, UCG Thar Project.*
8. The P.S. to Secretary, ED, Karachi.
9. Office Order file.

(SHARIQ RAZA)  
SECTION OFFICER (COORD)





## NOTICE INVITING TENDER



The Underground Coal Gasification (UCG) Project Thar, Energy Department, Government of Sindh invites sealed tenders from reputed suppliers / firms registered with Income Tax / Sale Tax Department (Federal and Sindh Government) for the provision of misc. items. Opening of Technical & Financial Bids will be held on specified dates & time at UCG Project Thar Site, Bhambnio Bheel, Islamkot Mithi District Tharparkar. Earnest money equivalent to 2% of the total cost in the shape of Bank Draft, Pay Order or Bank Guarantee in favour of MD, UCG Thar must accompany the tender.

Tender No.	Description (FOR Basis)	Qty.	Tender Fee (Rs.)	Closing of Bid's, Date & Time	Opening of Technical Bid's, Date & Time	Opening of Financial Bid's, Date & Time
UCG/119-01-18	Supply of "Baby Cementing Unit"	(Details as per Tender Documents)	2500	19-02-2018 at 1500 Hours	19-02-2018 at 1600 Hours	20-02-2018 at 1200 Hours
UCG/120-01-18	Hiring of "Cementing Units along with accessories on Monthly Rental Basis"	(Details as per Tender Documents)	2500	19-02-2018 at 1600 Hours	19-02-2018 at 1700 Hours	20-02-2018 at 1300 Hours
UCG/121-01-18	Submersible Bore Hole Pumps	(Details as per Tender Documents)	2500	21-02-2018 at 1500 Hours	21-02-2018 at 1600 Hours	22-02-2018 at 1200 Hours
UCG/122-01-18	Power Transmission System	(Details as per Tender Documents)	2500	22-02-2018 at 1500 Hours	22-02-2018 at 1600 Hours	23-02-2018 at 1200 Hours
UCG/123-01-18	For the Supply & Installation of 500 m <sup>3</sup> /day Reverse Osmosis Plant	(Details as per Tender Documents)	2500	24-02-2018 at 1500 Hours	24-02-2018 at 1600 Hours	25-02-2018 at 1200 Hours

Tender documents will be issued during office hours from the date of hoisting of above mentioned tenders to 01 hour before closing date/time of each tender respectively.

Tender documents containing detailed specification, terms and conditions can be purchased against payment of above mentioned amount in shape of Pay Order/Bank Draft in the name of Accounts Officer UCG on written request from the undersigned. The UCG Project Thar reserves the right to accept or reject any or all offers subject to the relevant provision of SPP Rules 2010. Tender documents can also be obtained through email by submitting scanned copy of Pay Order / Bank Draft, however its original should accompany the tender otherwise bid will not be considered. Tender documents can be downloaded from SPPRA website [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk).

Bid must reach this office by the date and time specified in the "Schedule A" of each tender documents. This Project will not accept any excuse of delay occurring in post. Bid received after the fix date/time will NOT be entertained.

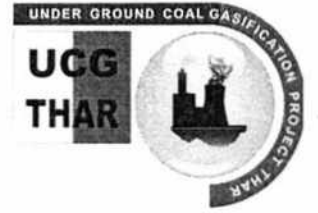
Alternately bid can be brought to the tender opening venue at least one hour before opening time at UCG Project Site, Village Bhanbneo Bheel, District Tharparkar, Sindh.

*[Handwritten signature]*  
25.01.2018

Procurement Officer  
UCG Project Thar, Government of Sindh  
C/O Manager, NBP, Islamkot Branch,  
Mithi District Tharparkar  
Cell: 0345-2102922  
Email: ucgthar@gmail.com



**UNDERGROUND COAL GASIFICATION  
PROJECT THAR**



**Tender Document**

**For the Supply of  
Baby Cementing Unit.  
At Islamkot, Dist: Mithi, Sindh**

**Tender No: UCG/119-01-18**

M/s

---

---

---

**Invitation to Tender and General Instructions.**

Dear Sir

I invite you to tender for the supply of “Baby Cementing Unit” in accordance with the description of items at Appendix “A”.

2. **Delivery of Tender: -**

- a) Quotation must be completed in all respect, please attach brochures where necessary.
- b) Earnest money equivalent to 2% of the total cost in the shape of Bank Draft or Pay Order in favor of MD, UCG Thar must accompany the tender.
- c) **The tender duly sealed will be addressed to: -**

**Procurement Officer,  
Underground Coal Gasification Project Thar  
Energy Department,  
Government of Sindh.  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell: 0345-2102922**



3. **Date and Time For Receipt of Tender:** Your tender must reach this office by the date and time specified in the “Appendix A”. This Project will not accept any excuse of delay occurring in post. Tender received after the fixed date/time will NOT be entertained.

4. **Terms of Payment:**

85% at the time of Delivery and 15% after one year successful operation (negotiable).

5. **Warranty:** All goods/stores/offered would be brand new, from current production and will be governed as per warranty clause.

6. **Validity of Offer:** The validity period of quotations must be indicated and should invariably be 90 days extendable to 90 days from the date of opening of commercial offer.

7. **Photocopies of Documents :** Following information/copy of documents must be provided/attached with offer: -

- a) A copy of letter from the Bank showing firm’s financial capability.

- b) Income tax and Sales Tax No. Sindh Sales Tax No. to be mentioned on the offer and copy of Registration Certificate issued by FBR.
- c) Copy of original Principal/Agency Agreement in case of Bidders other than manufacturer or importing from abroad.

8. **Disqualification.** Offers are liable to be rejected if: -

- a) Earnest money is not attached, with the offer.
- b) Offers are found conditional or incomplete in any respect.
- c) Manufacturer's relevant brochures and technical details on major equipment are not attached in support of specifications.
- d) Received later than appointed/fixed date and time.
- e) If the validity of the agency agreement is expired.
- f) If validity of offer is not quoted as required in NIT or made subject to confirmation later.

9. **Rights Reserved.** UCG reserves full rights to accept or reject any or all offers including the lowest without assigning any reason.

10. **Application of Official Secret Acts.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the official Secret Act, 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

11. **Force Majeure.** As per international law.

12. **Subletting.** Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per purchaser's right and discretion.



Faithfully Yours

**Procurement Officer,  
Underground Coal Gasification  
Project Thar, Energy Deptt.,  
Government of Sindh  
C/O Manager, National Bank of  
Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell: 0345-2102922**

## TECHNICAL PARAMETER

1. **Technical Specifications.**

- a) The store/equipment should conform to specification/service requirements and technical data/drawing (if applicable). Offer not conforming to required specifications will be rejected. The supplier shall further undertake to provide all the contracted stores/goods as per the specifications.
- b) All stores/items/goods delivered would be brand new, from current production, conforming to purchaser specifications, quality certification/inspection documents to the purchaser confirming the quality of the product being supplied under this contract. Stores must bear the manufacturer's identification marking/monogram.

2. **Inspection/Testing of Store.** Inspection/testing will be carried out by the concerned inspecting team/inspector at the premises of suppliers/manufacturer's as detailed by the technical authority of respective service on behalf of the purchaser in accordance with the laid down acceptance criteria. Whatever the expenditure such as Air Ticket, Boarding and lodging will be borne by the supplier.

3. **Change in Specification/Manufacturer/Model.** No alteration in make/brand and quality of stores will be entertained after the tenders have been opened. Any change/improvement will requires approval of tech authority/user.

4. **Technical Documentation.** All catalogues will be supplied free of cost by the supplier at the request of purchaser unless otherwise stated in the contract. The Supplier will provide one sets of following documents free of cost for technical scrutiny of the offer (as applicable):

- a) Technical literature of each item.
- b) Manufacturer's Specifications/Technical Data/Drawing and packing details etc of each item.
- c) Acceptance test procedure/criteria of each item.
- d) Country of origin of each item and port of shipment.



**SCHEDULE TO TENDER**

1. NIT No.

UCG – 119-01-18

2. Time and Date for Opening of Technical Bid at 1600 hrs. on 19-02-2018 & Opening of Financial Bid at 1200 Hrs. on 20-02-2018 at UCG Project Thar Site, Bhambino Bheel, Islamkot Mithi, Tharparkar, C/o Manager NBP Islamkot Branch. Islamkot.

A:

S.No	Description	Unit	Quantity
01	<p><b>Trailer Mounted Baby Cement Unit along with following accessories.</b></p> <ul style="list-style-type: none"> <li>• Deck engine 400HP (water cooled)</li> <li>• Deck transmission Allison</li> <li>• Triplex pump 10000 psi (4.5inch) Plunger</li> <li>• Centrifugal Pump 6" x 5" x 11" (Hydraulically Driven variable speed)</li> <li>• High pressure piping 105 MPa.</li> <li>• Low Pressure Piping 1.03 MPa.</li> <li>• Main Technical Parameters</li> <li>i) Flow Rate 2.1 cubic meter/ mint (MAX)</li> <li>ii) Discharge Pressure 43.4 MPa</li> </ul>	set	01
02	<p><b>Trailer Mounted 100 Barrel Cement Batch Mixing Unit (2 x 50 Barrel) along with accessories.</b></p> <ul style="list-style-type: none"> <li>• Carrier-Trailer Mounted</li> <li>• Deck Engine 325HP</li> <li>• Hydraulically Operated</li> <li>• Gear Box Plus Hydraulic drive system</li> <li>• Centrifugal Pump 6" x 5" x 11" (Hydraulically Driven variable speed)</li> <li>• Low Carbon Steel Piping 1.03 MPa</li> <li>• Batch Mixing Tank Carbon Steel (Quantity 02 Capacity 8cubic meter (50 bbl) each</li> <li>• Hydraulically Driven Mixing Agitator per tank 02 layers, 03 paddles each, variable speed upto 75rpm</li> <li>• 4 inch Butterfly valve should be manually operative.</li> </ul>	Set	01
03	<p><b>Trailer Mounted High Pressure Cement Silos.</b></p> <ul style="list-style-type: none"> <li>• Capacity 10 Ton (02Nos)</li> </ul>	Set	01



	<ul style="list-style-type: none"> <li>Powered by Air Compressor Traylor Mounted.</li> <li>Material: Q235B with the thickness of 06mm</li> <li>Working Pressure 0.2MPa</li> <li>Testing Pressure 0.35MPa</li> </ul>		
04	<b>Cutting Bottle</b> <ul style="list-style-type: none"> <li>Capacity 1.5m/ton (1500kg)</li> <li>Working Pressure 0.2MPa (29bbl)</li> <li>Average discharge speed <math>\geq</math> 1.2t/min</li> <li>Ambient Temperature -20degree ~ 45°C.</li> <li>Discharge Pipe outlet 4inch Butterfly valve</li> </ul>	Set	01
05	<b>Manifolds</b> <ol style="list-style-type: none"> <li>2inch x2inch Plug Valve (10000Psi)</li> <li>Swivel Joint Style 10 (10000Psi)</li> <li>Swivel Joint Style 50 (10000Psi)</li> <li>Integral Pipe 8ft (10000Psi)</li> <li>Integral Pipe 12ft (10000Psi)</li> <li>Loops FxMxF (10000 Psi)</li> </ol>	No Nos Nos Nos Nos Nos	01 03 03 04 04 02
06	<b>Prime Mover (6x6) for shifting above traylor mounted equipments One place to another place.</b>	No	01
07	<b>Necessary Accessories and Spare Parts of Baby Cementing Unit required for the Cement Job of 100 (One Hundred) Wells.</b>	No	Sufficient for 100 Wells.

**Grand Total "FOR" Cost (Inclusive of all applicable taxes)**  
**Rs. \_\_\_\_\_**

**Special Instructions.**

01. Date by which store can be delivered by the firm is to be specified.
02. Quotation will be submitted on "FOR" basis at UCG Project Thar Site Islamkot.
03. Price will be mentioned separately both in figures and words.



## PART 1 - GENERAL TENDERING INSTRUCTIONS

- 1.1 The quotation shall be **strictly in accordance** with Underground Coal Gasification Project Thar Pakistan Tender Book.
- 1.2 Actual order quantity of items / categories can be decreased or increased.
- 1.3 The quoted prices should be in **Pak. Rupees**; otherwise your bid will automatically be rejected. Bidders have to quote their prices based on Underground Coal Gasification Project Thar Pakistan Tender Book conditions.

Bidders when submitting their Bid should stamp by their official stamp all the pages of the received Tender Book.

Bidders have the right to **request for clarification** provided that any request is received latest 10 days before the bidding deadline.

Answers to questions seeking for clarification of technical matters will be sent to all Bidders without identifying the source of the query.

At any time prior to the deadline for the submission of Bids, Project may, for any reason, whether at its own initiative or in response to a clarification requested by a Bidder, modify the Bidding Documents by amendment.

The amendment will be forwarded in writing to all Bidders and will be binding on them. In order to grant Bidders sufficient time to take the amendment into account, PROJECT may, at its discretion, extend the deadline for the submission of Bids.

- 1.4 Bid closing date is 19.02.2018 at 1500 Hrs. local Pakistani time. Bids received after bid-closing date will be automatically rejected. Bids once submitted will have to stand valid during the validity period as stated in Article 1.9 of this General Tendering Instructions, Bidders are not allowed to modify or add anything to or to withdraw their Bid after Closing Date. Technical offers will be opened on the 19.02.18 at 1600 Hrs publically. Commercial offers will be opened after technical evaluation on 20.02.2018 at 1200 Hrs.
- 1.5 Bidder should indicate his **full acceptance of:**
  - Underground Coal Gasification Project Thar Pakistan's General Purchasing Terms
  - Standard Conditions of the Contract
  - Special Conditions of the Contract
- 1.6 Bid package must be submitted in two complete, identical sets in sealed envelopes clearly marked with the reference "UCG /119-01-18" **"ORIGINAL" and "COPY 1" and should be addressed and delivered to:**



Procurement Officer,  
Underground Coal Gasification Project Thar  
Government of Sindh, Energy Department,  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot, Sindh Tharparkar  
Cell: 0345-2102922

1.7 This tender is invited on Single Stage Two Envelopes Procedure basis that is must consist of **two sealed envelopes:**

i) First envelope marked: "UCG /119-01-18"-**TECHNICAL OFFER**" should contain the technical documentation and technical specifications with references, statements, literature, drawings, as appropriate. An un-priced financial offer shall be made part of the technical offer.

ii) Second envelope marked: "UCG /119-01-18 " - FINANCIAL OFFER" should contain:

- A financial offer which should be valid 90 days from bid closing date.
- A price sheet as per Appendix "A "of the Form of Contract.
- Additional price information, if any, to be submitted on separate sheet. Itemized prices shall be quoted by bidder

Note that:

- **No prices** to be shown in first or second envelope
- Envelope should contain **prices only**, with no reservations
- Failing to submit two envelopes or omitting any of the requested information will lead automatically to the **rejection of the bid**.
- Envelopes shall be opened in the same sequence as requested.
- The evaluation of any company shall not be continued in case they fail to meet the criteria of the envelope requirements.

1.8 **One offer** will only be accepted from each bidder.

1.9 The quotation must be **valid** for at least 90 days after bid closing.

1.10 In case bidder **does not want to participate**, he is kindly requested to advise: Underground Coal Gasification Project Thar Pakistan by return mail referring to relevant Tender Book number.

1.11 In case Bidder is **interested to participate** in the referred Tender, it should send back by through email [ucgthar@gmail.com](mailto:ucgthar@gmail.com) or the attached Acknowledgement Letter to the Project within a fortnight from the receipt of the Tender Book.

1.12 Each envelope should be **clearly marked** with the bidder's company name.

1.13 In the first envelope the **mailing address and telephone/cell No. and email address** of the bidder should be clearly seen.

1.14 Services offered must be clearly stated and availability of each service must be mentioned keeping in view our schedule stated under Introduction above. This information should be clearly stated and documented in the Technical Offer envelope.

1.15 Bidder must submit in envelope marked "1" a bid bond. This **bid bond/demand draft** must be equal to **2%** of total value of work.

- The bid bond is to be submitted in the form of a Letter of Guarantee issued by a **first class international bank accepted by** Underground Coal Gasification Project Thar Pakistan.

The bid bond **shall be returned** to its owner if his bid is rejected or the bidder has not awarded the Contract. The bid bond must be valid for 3 months after receiving of bid.



## **PART 2 - ADDITIONAL TENDERING INSTRUCTIONS**

- 2.1 The equipment specifications contained in Schedule represent the **minimum requirement** which UCG Project Thar considers necessary to accomplish concerned job.
- 2.2 All items listed in Schedule and later on should be addressed in the **same order and detail** as specified.
- 2.3 If additional information or details are needed, please contact:

**Muhammad Ali Khaskheli Drilling Engineer & Adeeb Hussain Laghari Drilling Engineer**

Underground coal gasification project Thar,

Tel.: **0345-2102922**

Cell # **0300-3314876 & 0333-2545087**

E-mail: [ucgthar@gmail.com](mailto:ucgthar@gmail.com)

**Note:** Every request should have a "subject" line that clearly indicates the tender reference number.

A handwritten signature in black ink, appearing to be 'M. A. Khaskheli', written over a horizontal line.

### PART 3 - GENERAL PURCHASING TERMS

- 3.1 **Payment Terms:** 85% at the time of Delivery and 15% after one year successful operation (negotiable).
- 3.2 **Delay Penalty:** As per clause 15 of the contract.
- 3.3 PROJECT reserves the right to accept other than the lowest Bid, **to split the Contract between multiple CONTRACTORS** and to accept or reject any Bid in whole or in part, or to reject all Bids **with or without notice or reasons**, and if no Bids are accepted, to abandon the work or to have the work performed in such manner as the Issuer may elect, in this later case all Bids received will be sent back as received to the Bidders.
- 3.4 PROJECT shall not be liable for any costs and/or expenses incurred by the Bidder in the preparation and delivery of the Tender.
- 3.5 The Tender, any supporting documentation and the Contract shall be in the English language.
- 3.6 **Pricing:** PROJECT shall make no advance payment to the successful Bidder. Import Duties of whatever nature in respect of the execution of the Contract together with all other taxes, etc., of whatever nature shall be paid by the successful Bidder and the prices quoted shall include such costs. PROJECT will accept no liability for the Bidder's failure to include all taxes, duties and the like in its bid.
- 3.7 Project will negotiate the exceptions if any with the bidders before finalizing the evaluation, the outcome of which will have the impact on the ranking of the bidders.

A handwritten signature in black ink, appearing to be 'M. M. M.', is located in the lower center of the page.



**UNDERGROUND COAL GASIFICATION  
PROJECT THAR**

**CONTRACT**



UNDERGROUND COAL GASIFICATION THAR PROJECT  
Village Bhambnio Bheel Islamkot Tharparkar. Cell No. 0345-2102922

PROCUREMENT DIVISION

CONTRACT No. "UCG /119-01-18 " Dated \_\_\_\_\_

An agreement made on the ----- day of ----- Two thousand and Eighteen.

Between the UCG (hereinafter called the 'PURCHASER') of the one part and Messrs  
\_\_\_\_\_ herein after called the "SUPPLIER" of the other part.

Whereby it is agreed that the Purchaser shall purchase and the Supplier shall sell the equipment described in the schedule at the price mentioned therein subject to the special conditions covered in the contract and the international law.

**WARNING**

Any information about the sale/purchase of the stores under this contract shall not be communicated to any person, other than the manufacturer of the stores or to any press or agency not authorized by the Procurement Officer, UCG to receive it. The breach of the undertaking shall be punishable under the Official Secrets Act, 1923.



1. **Name of Project:** UNDERGROUND COAL GASIFICATION THARPROJECT
2. **Description of Equipment:** As per Schedule attached at Appendix "A"
3. **Consignee:** UCG ISLAMKOT
4. **Details of Item:**

Technical Specifications: Complete technical specifications of the items are at Appendix "A".

**5. Total FOR Value:**

**5.1** PAK Rupees: Rs. \_\_\_\_\_ (PKR \_\_\_\_\_)

**6. Terms of Payment:**

6.1 All payments will be released after delivery / inspection of consignment.

6.2 2% payment will be retained as performance guarantee.

**7. Time of Delivery:**

**8. Principal/ Manufacturer:** M/s. XYZ

**9. Sole Distributors/ Agent:** M/s. \_\_\_\_\_

**10. Country of Origin:** \_\_\_\_\_

**11. Installation/Acceptance:** M/s. \_\_\_\_\_ shall arrange free installation of the equipment. The consignee shall provide electrical connections, switchboards, panels, electric wiring and other related services.

**12. Training:** The seller will provide free training to the staff of **UCG**.

**13. Operating Manual/ Brochure:** Operation Manual, Maintenance Manual and Spare Parts List in English language shall be supplied with the equipment.

**14. Warranty/Guarantee: As per Annex "B"**

**14.1** One Year from the date of installation of equipment.

**14.2** The "Supplier" undertakes free after sales service for the entire warranty period from the date of installation of the equipment with free supply of parts.

**14.3** On expiry of warranty period the "Supplier" undertakes to supply spare parts for ten (10) years on International market price on demand.

**14.4** Firm will maintain a sizeable inventory of parts free of cost during warranty period for emergency repairs. (List will be provided by the supplier)

**15. Imposition of Liquidated Damages:** The supplier is liable to pay the stipulated liquidated damages for the period of delay @ 2% per month but not less than 1% of the value of the un-supplied quantity of the stores. This will be levied for the period exceeding



to the original delivery period subject to provision that the total liquidated damages thus levied will not exceed 10% of the contract value.

16. **Force Majeure:** The supplier does not undertake any responsibilities of delivery of stores according to delivery schedule in case of labor unrest, civil commotion, strike, riots, war act of God at the supplier/ manufacturer end. This shall not include non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin.
17. **Packing/ Marking Instructions:**
- 17.1 As per packing worthy of international standards so as to ensure that the consignment is free from loss or damage on arrival at the ultimate destination. Any loss occurred paid due to wrong marking, shall be made good by the supplier and all the expenses incurred by **UCG** as a result of wrong packing shall be recovered from the supplier.
- 17.2 In case of damage of stores due to improper packing, the supplier will be responsible for replacement of the equipment/stores, free of charge.
- 17.3 Packages will be marked as per following details:-
- Gross weight (KGs), dimensions and consignment number (Top side)
  - Consignee Name, name of destination, Numbering of Packages and Contract No and date.
18. **Inspection:** At consignee's end jointly by representative of and M/s \_\_\_\_\_ and **UCG**
- 18.1 Inspecting Authority: Designated rep. of MD UCG
- 18.2 Place of Inspection: \_\_\_\_\_
19. **Short Shipment:** Short shipment, if any, will be the responsibility of the "Supplier".
20. **Performance / Bank Guarantee Clause:** To ensure timely and correct supply of stores, the firm will furnish 2 % of the total value of the contract unconditional Bank Guarantee immediately on the signing of the contract, endorsed in favour of **MD UCG** which will remain valid for One year from the date of installation.
21. **Modification / Amendments to Contract:** This contract may be modified / amended to include fresh clause (s) to the mutual agreement by the supplier and the purchaser. Such modification shall form an integral part of the contract.
22. **Insurance:**
- 22.1 The supplier will arrange Insurance cover of the equipment up to the consignee's end.
23. **Failure and Termination:** If the supplier fails to deliver the stores or any consignment within the period prescribed, then on the expiry of 30 days after such period the purchaser shall be entitled to take either of the following actions:-
- 23.1 To cancel the contract.
- 23.2 To purchase elsewhere store not delivered totally or partially at the risk and expense of the supplier. The supplier shall also be liable for any loss, which the purchaser may sustain on this account but shall not be entitled to any gain on re-purchase made against the contract.
24. **Purchaser's Right:** The purchaser reserves the right of deletion, addition and cancellation of the contract, in part or full without assigning any reason whatsoever and without financial repercussion on either side within 30 days after the issuance of contract. Such information will be passed to the seller by the purchaser through the fastest possible means i.e. Telephone, Fax, Telex, Cable, Telegram, E-mail etc.



25. **No Demand Certificate:** The supplier will submit 'NO DEMAND CERTIFICATE' on the completion of contract.
26. **Secrecy:** The foreign suppliers / contractors undertaking along with the local firm / agent that any information about the sale / purchase of stores under their contract shall not be communicated to any person other than the manufacturers of stores who too shall maintain strict secrecy and under no circumstance any information shall be given to any person or agency not authorised by MD UCG. The foreign suppliers contractors should note that the contract is governed by the laws of Pakistan.
27. **Arbitration:** The contracting parties shall endeavor to resolve all their difference / disputes if any arising out of this contract. The matter in dispute or difference shall be referred to the decision of the MD UCG. His decision thereon shall be final and binding on the parties. The venue of arbitration shall be the place to be notified by the arbitrator at his discretion.
28. **Undertaking**
- 28.1 M/s \_\_\_\_\_ when signed contract No. unconditionally guarantee the full and proper performance of this contract and hereby under take to accept all liabilities to compensate the "Purchaser" for Acts / Defaults of our Principals.
- 28.2 We undertake that manufacturing date of our products / stores will not be more than three months old by the date of delivery.

**SIGNATURES**



SUPPLIER

PURCHASER

M/s \_\_\_\_\_

M/s. UCG Project Thar

Name \_\_\_\_\_

Name: \_\_\_\_\_

Designation \_\_\_\_\_

Designation: \_\_\_\_\_

Date : \_\_\_\_\_

Date: \_\_\_\_\_

## WARRANTY/GUARANTEE CERTIFICATE

**The Managing Director  
UCG Project,  
Thar.**

From: M/s \_\_\_\_\_

Order No. \_\_\_\_\_ Dated \_\_\_\_\_

1. We hereby guarantee that the goods supplied against the above contract are in all respects in accordance with the relevant specifications and terms of the order and that material used whether or not of our manufacture are in accordance with the latest approved standards and are of good workmanship/quality. We shall replace free of cost every article or part thereof which before use or in use shall be found defective or not within the limits and tolerance of specifications / requirements or in any way not in accordance with the terms of the tender.
2. In case of our failure to replace the defective stores free of cost with in the period specified by the purchaser, we will pay the relevant cost including all other expenses incurred by you.
3. The supplier also undertakes to make good the deficiency in supply, if any.
4. This warranty will remain valid for (12) twelve month after the date of commissioning/receipt of material. . One year additional maintenance will be provided free of cost, cost of parts for additional year will be borne by \_\_\_\_\_.

**Signature:** \_\_\_\_\_

**Relationship with the firm:** Director

**Date and seal of the firm:** \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'S. M. A.', written over a horizontal line.



**UNDERGROUND COAL GASIFICATION  
PROJECT THAR**



**Tender Document**

**For the Hiring of “Cementing Units along  
with accessories on Monthly Rental Basis”.  
At Islamkot, Dist: Mithi, Sindh**

**Tender No: UCG/120-01-18**

M/s

---

---

**Invitation to Tender and General Instructions.**

**Dear Sir**

I invite you to tender for the supply of "Cementing Units along with accessories for Monthly Rental Basis" in accordance with the description of items at Appendix "A".

**2. Delivery of Tender: -**

- a) Quotation must be completed in all respect, please attach brochures where necessary.
- b) Earnest money equivalent to 2% of the total cost in the shape of Bank Draft or Pay Order in favor of **MD, UCG Thar** must accompany the tender.
- c) **The tender duly sealed will be addressed to: -**

**Procurement Officer,  
Underground Coal Gasification Project Thar  
Energy Department,  
Government of Sindh.  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell: 0345-2102922**

3. **Date and Time For Receipt of Tender:** - Your tender must reach this office by the date and time specified in the "Appendix A". This Project will not accept any excuse of delay occurring in post. Tender received after the fixed date/time will NOT be entertained.

4. **Terms of Payment.** Within 30 working days after rendering of services for the month/ period.

6. **Validity of Offer.** The validity period of quotations must be indicated and should invariably be 90 days extendable to 90 days from the date of opening of commercial offer.

7. **Photocopies of Documents.** Following information/copy of documents must be provided/attached with offer: -

- a) A copy of letter from the Bank showing firm's financial capability.
- b) Income tax and Sales Tax Registration No., Sindh Sales Tax Registration No. to be mentioned on the offer and copy of Registration Certificate issued FBR.
- c) Copy of original Principal/Agency Agreement in case of Bidders other than manufacturer or importing from abroad.

8. **Disqualification.** Offers are liable to be rejected if: -





- a) If earnest money is not attached, with the offer.
- b) Offers are found conditional or incomplete in any respect.
- c) Manufacturer's relevant brochures and technical details on major equipment are not attached in support of specifications.
- d) Received later than appointed/fixed date and time.
- e) If the validity of the agency agreement is expired.
- f) If validity of offer is not quoted as required in NIT or made subject to confirmation later.

9. **Rights Reserved.** UCG reserves full rights to accept or reject any or all offers including the lowest without assigning any reason.

10. **Application of Official Secret Acts.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the official Secret Act, 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

11. **Force Majeure.** As per international law.

12. **Subletting.** Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per purchaser's right and discretion.



Faithfully Yours

**Procurement Officer,  
Underground Coal Gasification  
Project Thar, Energy Deptt.,  
Government of Sindh  
C/O Manager, National Bank of  
Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell: 0345-2102922**

## TECHNICAL PARAMETER

1. **Technical Specifications.**
  - a) The store/equipment should conform to specification/service requirements and technical data/drawing (if applicable). Offer not conforming to required specifications will be rejected. The supplier shall further undertake to provide all the contracted stores/goods as per the specifications.
  - b) All stores/items/goods delivered would be conforming to purchaser specifications, quality certification/inspection documents to the purchaser confirming the quality of the product being supplied under this contract. Stores must bear the manufacturer's identification marking/monogram.
2. **Inspection/Testing of Store.** Inspection/testing will be carried out by the concerned inspecting team/inspector at the premises of suppliers/manufacturer's as detailed by the technical authority of respective service on behalf of the purchaser in accordance with the laid down acceptance criteria.
3. **Change in Specification/Manufacturer/Model.** No alteration in make/brand and quality of stores will be entertained after the tenders have been opened. Any change/improvement will requires approval of tech authority/user.
4. **Technical Documentation.** All catalogues will be supplied free of cost by the supplier at the request of purchaser unless otherwise stated in the contract. The Supplier will provide one sets of following documents free of cost for technical scrutiny of the offer (as applicable):
  - a) Technical literature of each item.
  - b) Manufacturer's Specifications/Technical Data/Drawing and packing details etc of each item.
  - c) Acceptance test procedure/criteria of each item.
  - d) Country of origin of each item and port of shipment.



**SCHEDULE TO TENDER**

1. NIT No. UCG – 120-01-18
2. Time and Date for Opening of Technical Bid at 1700 hrs. on 19-02-2018 & Opening of Financial Bid at 1200 Hrs. on 20-02-2018 at UCG Project Thar Site, Bhambino Bheel, Islamkot Mithi, Tharparkar, C/o Manager NBP Islamkot Branch. Islamkot.

S.No	Description	Unit	Quantity/ Duration
01	<b>Skid/ Trailer Mounted Baby Cement Unit along with the accessories and Operator.</b> Technical Parameters:- <ul style="list-style-type: none"> <li>• Deck Engine: 400HP ~ equivalent</li> <li>• Pressure Rating of 10000PSI</li> <li>• Flow Rate: 2.1m<sup>3</sup> per min</li> </ul>	Set	03 Months Extendable
1.1	i- Twin pumping truck with prime mover 450 HP Pressure rating 10,000 Psi (for pumping cement slurry). ii- Bulking equipment – (01 silo) (1000 CUF each) (hi pressure)/Banana Bulker. iii- Air compressor (01 No.) iv- Weigh batch blender (01 no.) v- Cutting bottle (01 no.) vi- Batch mixer 100 bbl (01 no.)	Set	03 Months Extendable
02	<b>Skid/ Trailer Mounted Cement Batch Mixing (2X50 Barrel) along with accessories.</b>	Set	01
03	<b>Skid/ Trailer Mounted High Pressure Cement Silos.</b> Technical Parameters:- <ul style="list-style-type: none"> <li>• Capacity: 10 Tons</li> <li>• Working Pressure: 0.2 MPa to 0.35MPa</li> <li>• Power By Air Compressor (available at site)</li> </ul>	Set	01
04	<b>Cutting Bottle</b> Technical Parameter:- <ul style="list-style-type: none"> <li>• Capacity : 1.5m/Ton</li> <li>• Working Pressure: 0.2MPa</li> </ul>	Set	01
05	<b>Allied Accessories / Tools/ Manifolds and Connections.</b>	Set	01
06	<b>Prime Mover (6x6) for shifting above trailer mounted equipments One place to another place.</b>	No	01
07	<b>Rates for Cement Slurries (all materials will be provided by service company).</b>		
7.1	<b>Light Weight Cement Slurry having Sp.Gr. from 1.41 to 1.60 and temperature upto 900°C with compressive strength 1200 Psi.</b>	BBL	500
7.2	<b>Cement slurry having Sp.Gr. From 1.61 to 1.94 and temperature up to 900°C with compressive strength up to 2500 Psi.</b>	BBL	500



**Terms and Condition:**

- ❖ The above stated Unit to be quoted Rental Basis per month.
- ❖ The Supplier firm will provide the Operator and maintenance Technician for machinery.
- ❖ The expenditure incurring on the repair and maintenance of Equipment, Oil Change, insurance/ accident caused by therefore will be borne by the Supplier firm.
- ❖ The fuel during operation will be provided by the client as per actual
- ❖ The machinery / equipment should be in good to working condition, duly inspected by the Engineer Incharge.
- ❖ With reference of S.NO 05, Allied Accessories /Tools manifold and connections duly suggested by the supplier firm and agreed by the engineer Incharge.
- ❖ In case of disorder or dis-functioning of any equipment the supplier firm will repair or replace the equipment immediately at his on expenses. Down time @ equivalent rate will be deducted from the bill.
- ❖ The Mobilization and demobilization cost should be borne by the Supplier firm.

**Grand Total FOR Cost (Inclusive of all applicable taxes)  
(13% Sindh Sale Tax supply on Rental Basis)**

Rs. \_\_\_\_\_

**Special Instructions.**

01. Date by which store can be delivered by the firm is to be specified.
02. Quotation will be submitted on FOR Islamkot UCG Thar Site Basis.
03. Price will be mentioned separately both in figures and words.



## PART 1 - GENERAL TENDERING INSTRUCTIONS

1.1 The quotation shall be **strictly in accordance** with Underground Coal Gasification Project Thar Pakistan Tender Book.

1.2 Actual order quantity of items / categories can be decreased or increased.

1.3 The quoted prices should be in **Pak. Rupees**; otherwise your bid will automatically be rejected. Bidders have to quote their prices based on Underground Coal Gasification Project Thar Pakistan Tender Book conditions.

Bidders when submitting their Bid should stamp by their official stamp all the pages of the received Tender Book.

Bidders have the right to **request for clarification** provided that any request is received latest 10 days before the bidding deadline.

Answers to questions seeking for clarification of technical matters will be sent to all Bidders without identifying the source of the query.

At any time prior to the deadline for the submission of Bids, Project may, for any reason, whether at its own initiative or in response to a clarification requested by a Bidder, modify the Bidding Documents by amendment.

The amendment will be forwarded in writing to all Bidders and will be binding on them. In order to grant Bidders sufficient time to take the amendment into account, PROJECT may, at its discretion, extend the deadline for the submission of Bids.

1.4 Bid closing date is 19-02-2018 **at 1600 Hrs. local Pakistani time**. Bids received after bid-closing date will be automatically rejected. Bids once submitted will have to stand valid during the validity period as stated in Article 1.9 of this General Tendering Instructions, Bidders are not allowed to modify or add anything to or to withdraw their Bid after Closing Date. Technical offers will be opened as on 19.02.2018 at 1700 Hrs. publically. Commercial offers will be opened after technical evaluation on 20-02-2018 at 1300hrs.

1.5 Bidder should indicate his **full acceptance of:**

- Underground Coal Gasification Project Thar Pakistan's General Purchasing Terms
- Standard Conditions of the Contract
- Special Conditions of the Contract

1.6 Bid package must be submitted in two complete, identical sets in sealed envelopes clearly marked with the reference "UCG /120-01-18 " **"ORIGINAL" and "COPY 1" and should be addressed and delivered to:**



**Procurement Officer,  
Underground Coal Gasification Project Thar  
Government of Sindh, Energy Department,  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot, Sindh Tharparkar  
Cell: 0345-2102922**

1.7 This tender is invited on Single Stage Two Envelopes Procedure basis that is must consist of **two sealed envelopes:**

i) First envelope marked: "UCG /120-01-18"-TECHNICAL OFFER" should contain the technical documentation and technical specifications with references, statements, literature, drawings, as appropriate. An un-priced financial offer shall be made part of the technical offer.

ii) Second envelope marked: "UCG /120-01-18 " - FINANCIAL OFFER" should contain:

- A financial offer which should be valid 90 days from bid closing date.
- A price sheet as per Appendix "A "of the Form of Contract.
- Additional price information, if any, to be submitted on separate sheet. Itemized prices shall be quoted by bidder

Note that:

- **No prices** to be shown in first or second envelope
- Envelope should contain **prices only**, with no reservations
- Failing to submit two envelopes or omitting any of the requested information will lead automatically to the **rejection of the bid.**
- Envelopes shall be opened in the same sequence as requested.
- The evaluation of any company shall not be continued in case they fail to meet the criteria of the envelope requirements.

1.8 **One offer** will only be accepted from each bidder.

1.9 The quotation must be **valid** for at least 90 days after bid closing.

1.10 In case bidder **does not want to participate**, he is kindly requested to advice: Underground Coal Gasification Project Thar Pakistan by return mail referring to relevant Tender Book number.

1.11 In case Bidder is **interested to participate** in the referred Tender, it should send back by through email [ucgthar@gmail.com](mailto:ucgthar@gmail.com) or the attached Acknowledgement Letter to the Project within a fortnight from the receipt of the Tender Book.

1.12 Each envelope should be **clearly marked** with the bidder's company name.

1.13 In the first envelope the **mailing address and telephone/cell No. and email address** of the bidder should be clearly seen.

1.14 Services offered must be clearly stated and availability of each service must be mentioned keeping in view our schedule stated under Introduction above. This information should be clearly stated and documented in the Technical Offer envelope.

1.15 Bidder must submit in envelope marked "1" a bid bond. This **bid bond/demand draft** must be equal to **2%** of total value of work.

- The bid bond is to be submitted in the form of a Letter of Guarantee issued by a **first class international bank accepted by** Underground Coal Gasification Project Thar Pakistan.

The bid bond **shall be returned** to its owner if his bid is rejected or the bidder has not awarded the Contract. The bid bond must be valid for 3 months after receiving of bid.



## **PART 2 - ADDITIONAL TENDERING INSTRUCTIONS**

2.1 The equipment specifications contained in Schedule represent the **minimum requirement** which UCG Project Thar considers necessary to accomplish concerned job.



- 2.2 All items listed in Schedule and later on should be addressed in the **same order and detail** as specified.
- 2.3 If additional information or details are needed, please contact:

**Muhammad Ali Khaskheli Drilling Engineer & Adeeb Hussain Laghari Drilling Engineer**

Underground coal gasification project Thar.

Tel. **0345-2102922**

Cell # **0300-3314876 & 0333-2545087**

E-mail: [ucgthar@gmail.com](mailto:ucgthar@gmail.com)

**Note:** Every request should have a "subject" line that clearly indicates the tender reference number.

A handwritten signature in black ink, appearing to be 'M.A. Khaskheli', written in a cursive style.

### PART 3 - GENERAL PURCHASING TERMS

- 3.1 **Payment Terms:** Within 30 working days after rendering of services for the month/ period.
- 3.2 **Delay Penalty:** As per clause 15 of the contract.
- 3.3 PROJECT reserves the right to accept other than the lowest Bid, **to split the Contract between multiple CONTRACTORS** and to accept or reject any Bid in whole or in part, or to reject all Bids **with or without notice or reasons**, and if no Bids are accepted, to abandon the work or to have the work performed in such manner as the Issuer may elect, in this later case all Bids received will be sent back as received to the Bidders.
- 3.4 PROJECT shall not be liable for any costs and/or expenses incurred by the Bidder in the preparation and delivery of the Tender.
- 3.5 The Tender, any supporting documentation and the Contract shall be in the English language.
- 3.6 **Pricing:** PROJECT shall make no advance payment to the successful Bidder. Import Duties of whatever nature in respect of the execution of the Contract together with all other taxes, etc., of whatever nature shall be paid by the successful Bidder and the prices quoted shall include such costs. PROJECT will accept no liability for the Bidder's failure to include all taxes, duties and the like in its bid.
- 3.7 Project will negotiate the exceptions if any with the bidders before finalizing the evaluation, the outcome of which will have the impact on the ranking of the bidders.

A handwritten signature in black ink, appearing to be 'AM', with a long, thin vertical line extending downwards from the right side of the signature.



# UNDERGROUND COAL GASIFICATION PROJECT THAR



## CONTRACT

UNDERGROUND COAL GASIFICATION THAR PROJECT  
Village Bhambnio Bheel Islamkot Tharparkar. Cell No. 0345-2102922

### PROCUREMENT DIVISION

CONTRACT No. "UCG /120-01-18 " Dated \_\_\_\_\_

An agreement made on the \_\_\_\_ day of \_\_\_\_\_ Two thousand and Eighteen  
Between the UCG (hereinafter called the 'PURCHASER') of the one part and Messrs  
\_\_\_\_\_ herein after called the "SUPPLIER" of the other part.

Whereby it is agreed that the Purchaser shall purchase and the Supplier shall sell the  
equipment described in the schedule at the price mentioned therein subject to the special  
conditions covered in the contract and the international law.

### **WARNING**

Any information about the sale/purchase of the stores under  
this contract shall not be communicated to any person, other than the  
manufacturer of the stores or to any press or agency not authorized  
by the Manager Procurement UCG to receive it. The breach of the  
undertaking shall be punishable under the Official Secrets Act, 1923.

1. **Name of Project:** UNDERGROUND COAL GASIFICATION THARPROJECT
2. **Description of Equipment:** As per Schedule attached at Appendix "A"
3. **Consignee:** UCG PROJECT THAR ISLAMKOT
4. **Details of Item:**

**Technical Specifications:** Complete technical specifications of the items are at Appendix "A".

5. **Total "FOR" Value:**

5.1 **PAK Rupees:** Rs. \_\_\_\_\_ (PKR \_\_\_\_\_)

6. **Terms of Payment:** Within 30 working days after rendering of services for the month/ period
7. **Time of Delivery:** \_\_\_\_\_  
M/s. XYZ
8. **Principal/ Manufacturer:** \_\_\_\_\_
9. **Sole Distributors/ Agent:** M/s. \_\_\_\_\_
10. **Country of Origin:** \_\_\_\_\_
11. **Installation/Acceptance:** M/s. \_\_\_\_\_ shall arrange free installation of the equipment. The consignee shall provide electrical connections, switchboards, panels, electric wiring and other related services.
12. **Training:** The seller will provide free training to the staff of UCG.
13. **Operating Manual/ Brochure:** Operation Manual, Maintenance Manual and Spare Parts List in English language shall be supplied with the equipment.
14. **Short Shipment:** Short shipment, if any, will be the responsibility of the "Supplier".
15. **Imposition of Liquidated Damages:** The supplier is liable to pay the stipulated liquidated damages for the period of delay @ 2% per month but not less than 1% of the value of the un-supplied quantity of the stores. This will be levied for the period exceeding to the original delivery period subject to provision that the total liquidated damages thus levied will not exceed 10% of the contract value.
16. **Force Majeure:** The supplier does not undertake any responsibilities of delivery of stores according to delivery schedule in case of labor unrest, civil commotion, strike, riots, war act of God at the supplier/ manufacturer end. This shall not include non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin.



17. **Packing/ Marking Instructions:**
- 17.1 As per packing worthy of international standards so as to ensure that the consignment is free from loss or damage on arrival at the ultimate destination. Any loss occurred paid due to wrong marking, shall be made good by the supplier and all the expenses incurred by UCG as a result of wrong packing shall be recovered from the supplier.
- 17.2 In case of damage of stores due to improper packing, the supplier will be responsible for replacement of the equipment/stores, free of charge.
- 17.3 Packages will be marked as per following details:-
- Gross weight (KGs), dimensions and consignment number (Top side)
  - Consignee Name, name of destination, Numbering of Packages and Contract No and date.
18. **Inspection:** At consignee's end jointly by representative of and M/s \_\_\_\_\_ and UCG
- 18.1 Inspecting Authority: Designated rep. of MD UCG
- 18.2 Place of Inspection: \_\_\_\_\_
19. **Performance / Bank Guarantee Clause:** To ensure timely and correct supply of stores, the firm will furnish 2 % of the total value of the contract unconditional Bank Guarantee immediately on the signing of the contract, endorsed in favour of MD UCG which will remain valid for One year from the date of installation.
20. **Modification / Amendments to Contract:** This contract may be modified / amended to include fresh clause (s) to the mutual agreement by the supplier and the purchaser. Such modification shall form an integral part of the contract.
21. **Insurance:**
- 21.1 The supplier will arrange Insurance cover of the equipment up to the consignee's end.
22. **Failure and Termination:** If the supplier fails to deliver the stores or any consignment within the period prescribed, then on the expiry of 30 days after such period the purchaser shall be entitled to take either of the following actions:-
- To cancel the contract.
  - To purchase elsewhere store not delivered totally or partially at the risk and expense of the supplier. The supplier shall also be liable for any loss, which the purchaser may sustain on this account but shall not be entitled to any gain on re-purchase made against the contract.
23. **Purchaser's Right:** The purchaser reserves the right of deletion, addition and cancellation of the contract, in part or full without assigning any reason whatsoever and without financial repercussion on either side within 30 days after the issuance of contract. Such information will be passed to the seller by the purchaser through the fastest possible means i.e. Telephone, Fax, Telex, Cable, Telegram, E-mail etc.
24. **No Demand Certificate:** The supplier will submit 'NO DEMAND CERTIFICATE' on the completion of contract.
25. **Secrecy:** The foreign suppliers / contractors undertaking along with the local firm / agent that any information about the sale / purchase of stores under their contract shall not be communicated to any person other than the manufacturers of stores who too shall maintain strict secrecy and under no circumstance any information shall be given to any person or agency not authorised by MD UCG. The foreign suppliers contractors should note that the contract is governed by the laws of Pakistan.
26. **Arbitration:** The contracting parties shall endeavor to resolve all their difference / disputes if any arising out of this contract. The matter in dispute or difference shall be



referred to the decision of the **MD UCG**. His decision thereon shall be final and binding on the parties. The venue of arbitration shall be the place to be notified by the arbitrator at his discretion.

**27. Undertaking**

**27.1** M/s \_\_\_\_\_ when signed contract No. unconditionally guarantee the full and proper performance of this contract and hereby under take to accept all liabilities to compensate the "Purchaser" for Acts / Defaults of our Principals.

**27.2** We undertake that manufacturing date of our products / stores will not be more than three months old by the date of delivery.

**SIGNATURES**

**SUPPLIER**

**M/s** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Name** \_\_\_\_\_

**Date :** \_\_\_\_\_

**PURCHASER**

**M/s. UCG Project Thar**

**Designation:**

**Name:**

**Date:** \_\_\_\_\_



## WARRANTY/GUARANTEE CERTIFICATE

The Managing Director  
UCG Project,  
Thar.

From: M/s \_\_\_\_\_

Order No. \_\_\_\_\_ Dated \_\_\_\_\_

1. We hereby guarantee that the goods supplied against the above contract are in all respects in accordance with the relevant specifications and terms of the order and that material used whether or not of our manufacture are in accordance with the latest approved standards and are of good workmanship/quality. We shall replace free of cost every article or part thereof which before use or in use shall be found defective or not within the limits and tolerance of specifications / requirements or in any way not in accordance with the terms of the tender.
2. In case of our failure to replace the defective stores free of cost with in the period specified by the purchaser, we will pay the relevant cost including all other expenses incurred by you.
3. The supplier also undertakes to make good the deficiency in supply, if any.
4. This warranty will remain valid for (12) twelve month after the date of commissioning/receipt of material. . One year additional maintenance will be provided free of cost, cost of parts for additional year will be borne by \_\_\_\_\_.

Signature: \_\_\_\_\_

Relationship with the firm: Director

Date and seal of the firm: \_\_\_\_\_





**UNDERGROUND COAL GASIFICATION  
PROJECT THAR**



**Tender Document**

**For the Supply of  
Submersible Bore Hole Pumps  
At Islamkot, Dist: Mithi, Sindh**

**Tender No: UCG/121-01-18**



M/s

---

---

---

**Invitation to Tender and General Instructions.**

**Dear Sir**

I invite you to tender for the supply of “**Submersible Bore Hole Pumps**” in accordance with the description of items at Appendix “A”.

**2. Delivery of Tender: -**

- a) Quotation must be completed in all respect, please attach brochures where necessary.
- b) Earnest money equivalent to 2% of the total cost in the shape of Bank Draft or Pay Order in favor of **MD, UCG Thar** must accompany the tender.
- c) **The tender duly sealed will be addressed to: -**

**Procurement Officer,  
Underground Coal Gasification Project Thar  
Energy Department,  
Government of Sindh.  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell: 0345-2102922**

**3. Date and Time For Receipt of Tender: -** Your tender must reach this office by the date and time specified in the “Appendix A”. This Project will not accept any excuse of delay occurring in post. Tender received after the fixed date/time will NOT be entertained.

**4. Terms of Payment.**

90% at the time of Delivery and commissioning at UCG site, 10% after one year successful operation.

**5. Warranty.** All goods/stores/offered would be brand new, from current production and will be governed as per warranty clause.

**6. Validity of Offer.** The validity period of quotations must be indicated and should invariably be 90 days extendable to 90 days from the date of opening of commercial offer.

**7. Photocopies of Documents.** Following information/copy of documents must be provided/attached with offer: -



- a) A copy of letter from the Bank showing firm's financial capability.
- b) Income tax and Sales Tax No. Sindh Sales Tax No. to be mentioned on the offer and copy of Registration Certificate issued by FBR.
- c) Copy of original Principal/Agency Agreement in case of Bidders other than manufacturer or importing from abroad.

8. **Disqualification.** Offers are liable to be rejected if: -

- a) Earnest money is not attached, with the offer.
- b) Offers are found conditional or incomplete in any respect.
- c) Manufacturer's relevant brochures and technical details on major equipment are not attached in support of specifications.
- d) Received later than appointed/fixed date and time.
- e) If the validity of the agency agreement is expired.
- f) If validity of offer is not quoted as required in NIT or made subject to confirmation later.

9. **Rights Reserved.** UCG reserves full rights to accept or reject any or all offers including the lowest without assigning any reason.

10. **Application of Official Secret Acts.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the official Secret Act, 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

11. **Force Majeure.** As per international law.

12. **Subletting.** Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per purchaser's right and discretion.



Faithfully Yours

**Procurement Officer,  
Underground Coal Gasification  
Project Thar, Energy Deptt.,  
Government of Sindh  
C/O Manager, National Bank of  
Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell: 0345-2102922**

## TECHNICAL PARAMETER

1. Technical Specifications.

- a) The store/equipment should conform to specification/service requirements and technical data/drawing (if applicable). Offer not conforming to required specifications will be rejected. The supplier shall further undertake to provide all the contracted stores/goods as per the specifications.
- b) All stores/items/goods delivered would be brand new, from current production, conforming to purchaser specifications, quality certification/inspection documents to the purchaser confirming the quality of the product being supplied under this contract. Stores must bear the manufacturer's identification marking/monogram.

2. Inspection/Testing of Store. Inspection/testing will be carried out by the concerned inspecting team/inspector at the premises of suppliers/manufacturer's as detailed by the technical authority of respective service on behalf of the purchaser in accordance with the laid down acceptance criteria. Whatever the expenditure such as Air Ticket, Boarding and lodging will be borne by the supplier.

3. Change in Specification/Manufacturer/Model. No alteration in make/brand and quality of stores will be entertained after the tenders have been opened. Any change/improvement will requires approval of tech authority/user.

4. Technical Documentation. All catalogues will be supplied free of cost by the supplier at the request of purchaser unless otherwise stated in the contract. The Supplier will provide one sets of following documents free of cost for technical scrutiny of the offer (as applicable):-

- a) Technical literature of each item.
- b) Manufacturer's Specifications/Technical Data/Drawing and packing details etc of each item.
- c) Acceptance test procedure/criteria of each item.
- d) Country of origin of each item and port of shipment.



**SCHEDULE TO TENDER**

1. NIT No.

UCG – 121-01-18

Time and Date for Opening of Technical Bid at 1600 hrs. on 21-02-2018 & Opening of Financial Bid at 1200 Hrs. on 22-02-2018 at UCG Project Thar Site, Bhambino Bheel, Islamkot Mithi, Tharparkar, C/o Manager NBP Islamkot Branch. Islamkot.

A.

S No	Description	Unit	Qty
01.	<b><u>Submersible Bore Hole Pump (For Water/ Dewatering wells)</u></b> Discharge Flow: 15-20 m <sup>3</sup> /hr Bore hole Diameter: 200 mm Max. outside diameter 165 mm (max) Type of Pump : Multistage (Centrifugal) Delivery Connection 65 mm Head: 200 meter Pumped medium Temperature 50 <sup>0</sup> C (max) <b>Note:</b> Quantity of pumps may be increase or decrease.	Nos.	05

**A. Materials of construction for submersible bore hole Pump Sr. No.1**

Submersible borehole pumps must be multistage centrifugal pump for vertical installation having intermediate bearing in every stage and integrated with easy-to-remove anti-jam non-return valve. Suction strainer drive and valve body.

Pumped medium	Brackish water
Type	Multistage - close-coupled
2. Design according to standard for	brackish water
Flange connection	Round flange
Non return valve	with
Valve body	Stainless steel 1.4408
Suction casing	Stainless steel 1.4408
Stage casing	CrNiMo steel 1.4404
Casing wear ring	Nitrile rubber NBR
Clockwise impeller	CrNiMo steel 1.4404
Pump shaft	Stainless steel 1.4460+AT+C+PL
Bearing carrier	Stainless steel 1.4571
Impeller wear ring	CrNiMo steel 1.4404
Bearing bush	Nitrile rubber NBR
Orientation	Vertical
Performance Test	Yes
Make: KSB / Grundfos or Pedrollo.	

**B. Quality of Water to be pumped**

Water Type	Brackish
TDS	5000 to 7000 ppm
PH	7.0 to 8.0
Total hardness	600 to 700 ppm

Turbidity	5 NTU
Chloride	2000 to 2500 ppm
Sand/coal particles in water	50g/m <sup>3</sup> liter (sand particles are dominant)

**C. Specifications of Motor for S No.1 submersible pumps along with Cable its starting mode and allied materials**

Pre- filled submersible motor. Three-phase squirrel cage motor with self-aligning thrust bearing and adequately sized expansion diaphragm for pressure equalization. Design in compliance with VDE standards.

**Motor Specification**

Motor size (dia)	165 mm (max)
Motor shaft	Duplex stainless steel 1.4462
Frequency	50 Hz
Operating voltage	400 V
Make	KSB/Siemens/ABB or Grundfos.

**Motor Cable Material/Size/Length:** The material of motor cable is PVC / PVC, Copper conductor flexible and size as per design of motor. The length of cable required for each motor is 225 meter.

**Note:** In addition to above 500 meter extra cable of same specification is required to be supplied.

Thus Cable required for five (05) motors = 05 x 225 meter = 1125 meter

Extra Length of required Cable of the same specification = 500 meter

Total length of Cable = 1625 meter.

**Motor Starting Mode:** Direct-on-line starting panel with complete specification i.e. breaker, magnetic contactor, over load relay, phase sequence relay, volt and ammeter with selector switch.

**Control Module of Pump:** The control module have following features for pump protection during operation.

- Dry running
- Overload operating against a closed valve or blocked pipe
- Insufficient flow of liquid past the motor
- Too high temperature of the pumped liquid
- Deposits on the motor
- Over-or under-voltage
- Phase asymmetry
- Onset of motor failure
- Motor overheating or burnout

**OR**

Others protection suggested by manufacturers.

Note: All components of control cabinet shall be of Siemens/Schneider/ABB and Telemecanique.

**Special Instructions.**

01. Date by which store can be delivered by the firm is to be specified.
02. Quotation will be submitted on "FOR" basis at UCG Project Thar Site Islamkot.
03. Price will be mentioned separately both in figures and words.

## PART 1 - GENERAL TENDERING INSTRUCTIONS

- 1.1 The quotation shall be **strictly in accordance** with Underground Coal Gasification Project Thar Pakistan Tender Book.
- 1.2 Actual order quantity of items / categories can be decreased or increased.
- 1.3 The quoted prices should be in **Pak. Rupees**; otherwise your bid will automatically be rejected. Bidders have to quote their prices based on Underground Coal Gasification Project Thar Pakistan Tender Book conditions.

Bidders when submitting their Bid should stamp by their official stamp all the pages of the received Tender Book.

Bidders have the right to **request for clarification** provided that any request is received latest 10 days before the bidding deadline.

Answers to questions seeking for clarification of technical matters will be sent to all Bidders without identifying the source of the query.

At any time prior to the deadline for the submission of Bids, Project may, for any reason, whether at its own initiative or in response to a clarification requested by a Bidder, modify the Bidding Documents by amendment.

The amendment will be forwarded in writing to all Bidders and will be binding on them. In order to grant Bidders sufficient time to take the amendment into account, PROJECT may, at its discretion, extend the deadline for the submission of Bids.

- 1.4 Bid closing date is 21.02.2018 at 1500 Hrs. local Pakistani time. Bids received after bid-closing date will be automatically rejected. Bids once submitted will have to stand valid during the validity period as stated in Article 1.9 of this General Tendering Instructions, Bidders are not allowed to modify or add anything to or to withdraw their Bid after Closing Date. Technical offers will be opened on the 21.02.18 at 1600 Hrs publically. Commercial offers will be opened after technical evaluation on 22.02.2018 at 1200 Hrs.
- 1.5 Bidder should indicate his **full acceptance of:**
  - Underground Coal Gasification Project Thar Pakistan's General Purchasing Terms
  - Standard Conditions of the Contract
  - Special Conditions of the Contract
- 1.6 Bid package must be submitted in two complete, identical sets in sealed envelopes clearly marked with the reference **"UCG /121-01-18 " "ORIGINAL" and "COPY 1" and should be addressed and delivered to:**



**Procurement Officer,  
Underground Coal Gasification Project Thar  
Government of Sindh, Energy Department,  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot, Sindh Tharparkar  
Cell: 0345-2102922**

- 1.7 This tender is invited on Single Stage Two Envelopes Procedure basis that is must consist of **two**

**sealed envelopes:**

i) First envelope marked: "**UCG /121-01-18"-TECHNICAL OFFER**" should contain the technical documentation and technical specifications with references, statements, literature, drawings, as appropriate. An un-priced financial offer shall be made part of the technical offer.

ii) Second envelope marked: "**UCG /121-01-18 " - FINANCIAL OFFER**" should contain:

- A financial offer which should be valid 90 days from bid closing date.
- A price sheet as per **Appendix "A "**of the Form of Contract.
- Additional price information, if any, to be submitted on separate sheet. Itemized prices shall be quoted by bidder

Note that:

- **No prices** to be shown in first or second envelope
- Envelope should contain **prices only**, with no reservations
- Failing to submit two envelopes or omitting any of the requested information will lead automatically to the **rejection of the bid**.
- Envelopes shall be opened in the same sequence as requested.
- The evaluation of any company shall not be continued in case they fail to meet the criteria of the envelope requirements.

1.8 **One offer** will only be accepted from each bidder.

1.9 The quotation must be **valid** for at least 90 days after bid closing.

1.10 In case bidder **does not want to participate**, he is kindly requested to advice: Underground Coal Gasification Project Thar Pakistan by return mail referring to relevant Tender Book number.

1.11 In case Bidder is **interested to participate** in the referred Tender, it should send back by through email [ucgthar@gmail.com](mailto:ucgthar@gmail.com) or the attached Acknowledgement Letter to the Project within a fortnight from the receipt of the Tender Book.

1.12 Each envelope should be **clearly marked** with the bidder's company name.

1.13 In the first envelope the **mailing address and telephone/cell No. and email address** of the bidder should be clearly seen.

1.14 Services offered must be clearly stated and availability of each service must be mentioned keeping in view our schedule stated under Introduction above. This information should be clearly stated and documented in the Technical Offer envelope.

1.15 Bidder must submit in envelope marked "1" a bid bond. This **bid bond/demand draft** must be equal to **2%** of total value of work.

- The bid bond is to be submitted in the form of a Letter of Guarantee issued by a **first class international bank accepted by** Underground Coal Gasification Project Thar Pakistan.

The bid bond **shall be returned** to its owner if his bid is rejected or the bidder has not awarded the Contract. The bid bond must be valid for 3 months after receiving of bid.



**PART 2 - ADDITIONAL TENDERING INSTRUCTIONS**

- 2.1 The equipment specifications contained in Schedule represent the **minimum requirement** which UCG Project Thar considers necessary to accomplish concerned job.
- 2.2 All items listed in Schedule and later on should be addressed in the **same order and detail** as specified.
- 2.3 If additional information or details are needed, please contact:

**Muhammad Khalid Electrical Engineer & Zafarullah Mechanical Engineer**  
Underground coal gasification project Thar,  
Cell # **0323-2877546 & 0346-8940621**  
E-mail: [ucgthar@gmail.com](mailto:ucgthar@gmail.com)

**Note:** Every request should have a “subject” line that clearly indicates the tender reference number.

A handwritten signature in black ink, appearing to be 'mg' or similar, written in a cursive style.



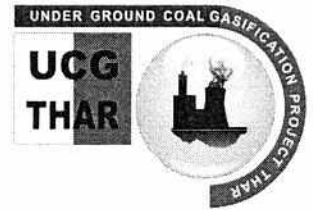
### PART 3 - GENERAL PURCHASING TERMS

- 3.1 **Payment Terms:** 90% at the time of Delivery and commissioning at UCG site, 10% after one year successful operation.
- 3.2 **Delay Penalty:** As per clause 15 of the contract.
- 3.3 PROJECT reserves the right to accept other than the lowest Bid, **to split the Contract between multiple CONTRACTORS** and to accept or reject any Bid in whole or in part, or to reject all Bids **with or without notice or reasons**, and if no Bids are accepted, to abandon the work or to have the work performed in such manner as the Issuer may elect, in this later case all Bids received will be sent back as received to the Bidders.
- 3.4 PROJECT shall not be liable for any costs and/or expenses incurred by the Bidder in the preparation and delivery of the Tender.
- 3.5 The Tender, any supporting documentation and the Contract shall be in the English language.
- 3.6 **Pricing:** PROJECT shall make no advance payment to the successful Bidder. Import Duties of whatever nature in respect of the execution of the Contract together with all other taxes, etc., of whatever nature shall be paid by the successful Bidder and the prices quoted shall include such costs. PROJECT will accept no liability for the Bidder's failure to include all taxes, duties and the like in its bid.
- 3.7 Project will negotiate the exceptions if any with the bidders before finalizing the evaluation, the outcome of which will have the impact on the ranking of the bidders.

A handwritten signature in black ink, appearing to be a stylized name, located below the text of clause 3.7.



# UNDERGROUND COAL GASIFICATION PROJECT THAR



## CONTRACT

UNDERGROUND COAL GASIFICATION THAR PROJECT  
Village Bhambnio Bheel Islamkot Tharparkar. Cell No. 0345-2102922

PROCUREMENT DIVISION

CONTRACT No. "UCG /121-01-18" Dated \_\_\_\_\_

An agreement made on the ----- day of ----- Two thousand and Eighteen.  
Between the UCG (hereinafter called the 'PURCHASER') of the one part and Messrs  
\_\_\_\_\_ herein after called the "SUPPLIER" of the other part.

Whereby it is agreed that the Purchaser shall purchase and the Supplier shall sell the  
equipment described in the schedule at the price mentioned therein subject to the special  
conditions covered in the contract and the international law.

### **WARNING**

Any information about the sale/purchase of the stores under  
this contract shall not be communicated to any person, other than the  
manufacturer of the stores or to any press or agency not authorized  
by the Procurement Officer, UCG to receive it. The breach of the  
undertaking shall be punishable under the Official Secrets Act, 1923.

1. **Name of Project:** UNDERGROUND COAL GASIFICATION THARPROJECT
2. **Description of Equipment:** As per Schedule attached at Appendix "A"
3. **Consignee:** UCG ISLAMKOT
4. **Details of Item:**

**Technical Specifications:** Complete technical specifications of the items are at Appendix "A".

**5. Total FOR Value:**

**PAK Rupees:** Rs. \_\_\_\_\_ (PKR \_\_\_\_\_)

**6. Terms of Payment:**

6.1 All payments will be released after delivery / inspection of consignment.

6.2 2% payment will be retained as performance guarantee.

**7. Time of Delivery:**

**8. Principal/ Manufacturer:** M/s. XYZ

**9. Sole Distributors/ Agent:** M/s. \_\_\_\_\_

**10. Country of Origin:** \_\_\_\_\_

**11. Installation/Acceptance:** M/s. \_\_\_\_\_ shall arrange free installation of the equipment. The consignee shall provide electrical connections, switchboards, panels, electric wiring and other related services.

**12. Training:** The seller will provide free training to the staff of UCG.

**13. Operating Manual/ Brochure:** Operation Manual, Maintenance Manual and Spare Parts List in English language shall be supplied with the equipment.

**14. Warranty/Guarantee: As per Annex "B"**

**14.1** One Year from the date of installation of equipment.

**14.2** The "Supplier" undertakes free after sales service for the entire warranty period from the date of installation of the equipment with free supply of parts.

**14.3** On expiry of warranty period the "Supplier" undertakes to supply spare parts for ten (10) years on International market price on demand.

**14.4** Firm will maintain a sizeable inventory of parts free of cost during warranty period for emergency repairs. (List will be provided by the supplier)

**15. Imposition of Liquidated Damages:** The supplier is liable to pay the stipulated liquidated damages for the period of delay @ 2% per month but not less than 1% of the value of the un-supplied quantity of the stores. This will be levied for the period exceeding

to the original delivery period subject to provision that the total liquidated damages thus levied will not exceed 10% of the contract value.

16. **Force Majoure:** The supplier does not undertake any responsibilities of delivery of stores according to delivery schedule in case of labor unrest, civil commotion, strike, riots, war act of God at the supplier/ manufacturer end. This shall not include non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin.
17. **Packing/ Marking Instructions:**
- 17.1 As per packing worthy of international standards so as to ensure that the consignment is free from loss or damage on arrival at the ultimate destination. Any loss occurred paid due to wrong marking, shall be made good by the supplier and all the expenses incurred by UCG as a result of wrong packing shall be recovered from the supplier.
- 17.2 In case of damage of stores due to improper packing, the supplier will be responsible for replacement of the equipment/stores, free of charge.
- 17.3 Packages will be marked as per following details:-
- Gross weight (KGs), dimensions and consignment number (Top side)
  - Consignee Name, name of destination, Numbering of Packages and Contract No and date.
18. **Inspection:** At consignee's end jointly by representative of and M/s \_\_\_\_\_ and UCG
- 18.1 Inspecting Authority: Designated rep. of MD UCG
- 18.2 Place of Inspection: \_\_\_\_\_
19. **Short Shipment:** Short shipment, if any, will be the responsibility of the "Supplier".
20. **Performance / Bank Guarantee Clause:** To ensure timely and correct supply of stores, the firm will furnish 2 % of the total value of the contract unconditional Bank Guarantee immediately on the signing of the contract, endorsed in favour of MD UCG which will remain valid for One year from the date of installation.
21. **Modification / Amendments to Contract:** This contract may be modified / amended to include fresh clause (s) to the mutual agreement by the supplier and the purchaser. Such modification shall form an integral part of the contract.
22. **Insurance:**
- 22.1 The supplier will arrange Insurance cover of the equipment up to the consignee's end.
23. **Failure and Termination:** If the supplier fails to deliver the stores or any consignment within the period prescribed, then on the expiry of 30 days after such period the purchaser shall be entitled to take either of the following actions:-
- 23.1 To cancel the contract.
- 23.2 To purchase elsewhere store not delivered totally or partially at the risk and expense of the supplier. The supplier shall also be liable for any loss, which the purchaser may sustain on this account but shall not be entitled to any gain on re-purchase made against the contract.
24. **Purchaser's Right:** The purchaser reserves the right of deletion, addition and cancellation of the contract, in part or full without assigning any reason whatsoever and without financial repercussion on either side within 30 days after the issuance of contract. Such information will be passed to the seller by the purchaser through the fastest possible means i.e. Telephone, Fax, Telex, Cable, Telegram, E-mail etc.



25. **No Demand Certificate:** The supplier will submit 'NO DEMAND CERTIFICATE' on the completion of contract.
26. **Secrecy:** The foreign suppliers / contractors undertaking along with the local firm / agent that any information about the sale / purchase of stores under their contract shall not be communicated to any person other than the manufacturers of stores who too shall maintain strict secrecy and under no circumstance any information shall be given to any person or agency not authorised by MD UCG. The foreign suppliers contractors should note that the contract is governed by the laws of Pakistan.
27. **Arbitration:** The contracting parties shall endeavor to resolve all their difference / disputes if any arising out of this contract. The matter in dispute or difference shall be referred to the decision of the MD UCG. His decision thereon shall be final and binding on the parties. The venue of arbitration shall be the place to be notified by the arbitrator at his discretion.
28. **Undertaking**
- 28.1 M/s \_\_\_\_\_ when signed contract No. unconditionally guarantee the full and proper performance of this contract and hereby under take to accept all liabilities to compensate the "Purchaser" for Acts / Defaults of our Principals.
- 28.2 We undertake that manufacturing date of our products / stores will not be more than three months old by the date of delivery.

**SIGNATURES**



SUPPLIER

M/s \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Date : \_\_\_\_\_

PURCHASER

M/s. UCG Project Thar

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

## WARRANTY/GUARANTEE CERTIFICATE

The Managing Director  
UCG Project,  
Thar.

From: M/s \_\_\_\_\_

Order No. \_\_\_\_\_ Dated \_\_\_\_\_

1. We hereby guarantee that the goods supplied against the above contract are in all respects in accordance with the relevant specifications and terms of the order and that material used whether or not of our manufacture are in accordance with the latest approved standards and are of good workmanship/quality. We shall replace free of cost every article or part thereof which before use or in use shall be found defective or not within the limits and tolerance of specifications / requirements or in any way not in accordance with the terms of the tender.
2. In case of our failure to replace the defective stores free of cost with in the period specified by the purchaser, we will pay the relevant cost including all other expenses incurred by you.
3. The supplier also undertakes to make good the deficiency in supply, if any.
4. This warranty will remain valid for (12) twelve month after the date of commissioning/receipt of material. . One year additional maintenance will be provided free of cost, cost of parts for additional year will be borne by \_\_\_\_\_.

Signature: \_\_\_\_\_

Relationship with the firm: Director

Date and seal of the firm: \_\_\_\_\_





**UNDERGROUND COAL GASIFICATION  
PROJECT THAR**



**Tender Document**

**For the Supply of  
Power Transmission System.  
At Islamkot, Dist: Mithi, Sindh**

**Tender No: UCG/122-01-18**

M/s

---

---

---

**Invitation to Tender and General Instructions.**

**Dear Sir**

I invite you to tender for the supply of “**Power Transmission System**” in accordance with the description of items at Appendix “A”.

**2. Delivery of Tender: -**

- a) Quotation must be completed in all respect, please attach brochures where necessary.
- b) Earnest money equivalent to 2% of the total cost in the shape of Bank Draft or Pay Order in favor of **MD, UCG Thar** must accompany the tender.
- c) **The tender duly sealed will be addressed to: -**

**Procurement Officer,  
Underground Coal Gasification Project Thar  
Energy Department,  
Government of Sindh.  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell # 0345-2102922**

3. **Date and Time For Receipt of Tender:** - Your tender must reach this office by the date and time specified in the “Appendix A”. This Project will not accept any excuse of delay occurring in post. Tender received after the fixed date/time will NOT be entertained.

**4. Terms of Payment.**

85% at the time of Delivery after inspection and 15% after one year successful operation (negotiable).

5. **Warranty.** All goods/stores/offered would be brand new, from current production and will be governed as per warranty clause.

6. **Validity of Offer.** The validity period of quotations must be indicated and should invariably be 90 days from the date of opening of commercial offer.

7. **Photocopies of Documents.** Following information/copy of documents must be provided/attached with offer: -





- a) A copy of letter from the Bank showing firm's financial capability.
- b) Income tax and Sales Tax No. Sindh Sales Tax No. to be mentioned on the offer and copy of Registration Certificate issued by FBR.
- c) Copy of original Principal/Agency Agreement in case of Bidders other than manufacturer or importing from abroad.

8. **Disqualification.** Offers are liable to be rejected if: -

- a) Earnest money is not attached, with the offer.
- b) Offers are found conditional or incomplete in any respect.
- c) Manufacturer's relevant brochures and technical details on major equipment are not attached in support of specifications.
- d) Received later than appointed/fixed date and time.
- e) If the validity of the agency agreement is expired.
- f) If validity of offer is not quoted as required in NIT or made subject to confirmation later.

9. **Rights Reserved.** UCG reserves full rights to accept or reject any or all offers including the lowest without assigning any reason.

10. **Application of Official Secret Acts.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the official Secret Act, 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

11. **Force Majeure.** As per international law.

12. **Subletting.** Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per purchaser's right and discretion.



Faithfully Yours

**Procurement Officer,  
Underground Coal Gasification  
Project Thar, Energy Deptt.,  
Government of Sindh  
C/O Manager, National Bank of  
Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell# 0345-2102922**

## TECHNICAL PARAMETER

1. **Technical Specifications:**
  - a) The store/equipment should conform to specification/service requirements and technical data/drawing (if applicable). Offer not conforming to required specifications will be rejected. The supplier shall further undertake to provide all the contracted stores/goods as per the specifications.
  - b) All stores/items/goods delivered would be brand new, from current production, conforming to purchaser specifications, quality certification/inspection documents to the purchaser confirming the quality of the product being supplied under this contract. Stores must bear the manufacturer's identification marking/monogram.
2. **Inspection/Testing of Store:** Inspection/testing will be carried out by the concerned inspecting team/inspector at the premises of suppliers/manufacturer's as detailed by the technical authority of respective service on behalf of the purchaser in accordance with the laid down acceptance criteria. Whatever the expenditure such as Air Ticket, Boarding and lodging will be borne by the supplier.
3. **Change in Specification/Manufacturer/Model:** No alteration in make/brand and quality of stores will be entertained after the tenders have been opened. Any change/improvement will requires approval of tech authority/user.
4. **Technical Documentation:** All catalogues will be supplied free of cost by the supplier at the request of purchaser unless otherwise stated in the contract. The Supplier will provide one sets of following documents free of cost for technical scrutiny of the offer (as applicable): -
  - a) Technical literature of each item.
  - b) Manufacturer's Specifications/Technical Data/Drawing and packing details etc of each item.
  - c) Acceptance test procedure/criteria of each item.
  - d) Country of origin of each item and port of shipment.



**SCHEDULE TO TENDER**

1. NIT No. UCG – 122-01-18
2. Time and Date for Opening of Technical Bid at 1600 hrs. on 22-02-2018 & Opening of Financial Bid at 1200 Hrs. on 23-02-2018 at UCG Project Thar Site, bhambino bheel, Islamkot Mithi, Tharparkar, C/o Manager NBP Islamkot Branch. Islamkot.

Sr.No	Description	Unit	Quantity	Unit Price (Rs.)	Total Price (Rs.)
<b>LV &amp; MV SWITCHGEAR</b>					
01	Supply of LV Distribution Board/ Panel Floor standing front access type, made of MS sheet, using all sort of Circuit Breakers Siemens, ABB, Schneider and GE complete in all respects and generally comprising of: 800 A, MCCB, TP having adjustable Thermal Trip,65KA, on/off Push button, Voltmeter + VSS, Ammeter + ASS (CT include). Note: Suitable arrangement for Installation of Incoming 2 x 300 sq mm cable per phase and 1 x 300 sq mm cable for Neutral and outgoing Bus bars of suitable size coupled with Incoming of Change over Switch mentioned at S.No.2	No.	01		
02	Supply of LV Distribution Board/ Panel Floor standing front access type, made of MS sheet, 4 Pole Motorized change over switch, 800A make of Socomec or equivalent as approved by Engineer In charge, complete in all respect having suitable arrangement of incoming and outgoing.	No.	01		
03	Supply of indoor-type MV Board/ Panel Floor standing front access type, made of MS sheet, MV switches Disconnecter with 50 Amp Fuse.	No.	02		
<b>MV CABLE</b>					
04	Providing and laying guide of 3 Core, 25 Sqmm AWG/XLPE insulated 12KV grade copper conductor make of Fast cables, Newage cables and Pakistan Cables.	Meters.	780		
<b>11 KV TERMINATION KITS AND JOINTS</b>					
05	a) Supply and installation of Outdoor 11 KV termination Kits as approved by Engineer In charge.	No.	08		
	b) Supply and installation of Outdoor 11 KV straight joint Kits as approved by Engineer In charge.	No.	02		
	c)Supply of Copper Lugs for 25 Sqmm cable AWG as approved by Engineer Incharge	No.	25		

	d) Supply of Gland for 3 Core 25 Sqmm cable AWG.	No.	06		
<b>POWER TRANSFORMER</b>					
06	Supply and Supervision of installation, Testing and commissioning of 500KVA, Power Transformer, Oil immersed, 3 phase 0.4/11KV, including Termination connection Box (TCB) complete in all respect make of Siemens, PEL or any approved by WAPDA	No.	01		
	b) Supply and Supervision of installation, Testing and commissioning of 500KVA, Power Transformer, Oil immersed, 3 phase 11/0.4KV complete in all respect including Termination connection Box (TCB) complete in all respect make of Siemens, PEL or any approved by WAPDA.	No.	01		
TOTAL COST ON FOR BASIS (INCLUSIVE OF TAXES)					

**Special Instructions.**

01. Date by which store can be delivered by the firm is to be specified.
02. Quotation will be submitted on "FOR" basis at UCG Project Thar Site Islamkot.
03. Price will be mentioned separately both in figures and words.
04. Supply should be strictly as per approved samples
05. Items to be supplied must be new with material certificate.



**OIL-IMMERSED MV/LV DISTRIBUTION TRANSFORMER**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

- A. This section cover the manufacturer, furnish and test all equipment, accessories and materials required for the installation of oil-immersed distribution transformer in accordance with specifications and drawings. Any material or equipment necessary for the proper operation not specified or described herein shall be deemed part of the specifications.

**1.2 APPLICABLE CODES AND STANDARDS**

- A. The work shall be carried out in accordance with this specification, the contract drawings and the standards listed hereunder.

The following codes and standards provide an acceptable level of quality for materials and products:

1. IEC 60076-1            Power transformers  
   to 60076-5
2. IEC 60354            Loading guide for oil-immersed type power transformers, 50 HZ, 500 KVA

**1.3 QUALITY ASSURANCE**

- A. All materials and products shall be new, sound and uniform in quality, size, shape, color and texture and shall be free from defects.
- B. The contractor shall be responsible for ensuring that the required standards of quality control as mentioned in relative sections are maintained for the proposed transformer.
- C. If requested by the client, the supplier shall provide proof of application of a quality procedure complying with standards. This means:
1. Use of a quality manual approved and signed by a management representative,
  2. Regular updating of this manual so that it reflects the most recent applicable quality control procedures.
- D. The manufacturer must have a sound experience in the field of transformers for not less than ten years, and should have a presentable reference list of the already supplied equipment of the same type and same make and that this equipment has been in satisfactory operation in Pakistan for at least three years.

**1.4 SUBMITTAL**

- A. Shop Drawings and Manufacturer's Data:  
The contractor shall submit to the client/client representative for review, detailed dimensioned shop drawings and manufacturer's literature. Shop drawings and/or data sheets shall be based on information stated in the specifications.  
Manufacturer's data sheets shall be submitted indicating the necessary installation dimensions, weights, materials and performance information. The above information may be provided by standard catalogue sheets marked to indicate the specific items provided.
- B. Operation and Maintenance Instructions:  
The contractor shall furnish data covering model, type and serial numbers, capacities, maintenance and operation of each major item of equipment or apparatus in accordance with the requirements of the contract documents. Operating instructions shall cover all phases of control.
- C. Test Reports:  
The contractor shall submit test reports to the client/client representative for review.



- D. Recommended Spare Parts List:  
The contractor shall submit recommended spare parts list to the client/client representative for review.
- E. As Built Drawings:  
The contractor shall submit the as built drawings to the client/client representative for review and approval.

### 1.5 COORDINATION

- A. The contractor shall be held responsible for the proper coordination of all phases of the work under this contract.
- B. It shall be the responsibility of the contractor to coordinate the work and equipment as specified herein with work to be performed and equipment to be furnished under other sections of the specifications in order to assure a complete and satisfactory installation.

### 1.6 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver, store, protect and handle products to site as per manufacturer's instructions.
- B. Store transformers in clean and dry space. Inspect for damage. Maintain factory wrapping or provide an additional heavy canvas or heavy plastic cover to protect units from dirt, water, construction debris and traffic.
- C. Lift only with lugs provided for the purpose. Handle carefully to avoid damage to transformers internal components, enclosure and finish.

## PART 2 - PRODUCTION

### 2.1 GENERAL

- A. The following specifications apply to three-phase oil-immersed transformers, hermetically sealed with integral filling, insulation system with oil natural air natural (ONAN) cooling for indoor or outdoor installation destined for use in three-phase MV/LV distribution systems.

### 2.2 GENERAL REQUIREMENTS

- A. **Magnetic Core**
  - 1. This shall be made from laminations of grain oriented silicon steel, insulated with mineral oxide; the method of cutting and stacking shall be "step lap", so as to optimise the level of no-load losses.
- B. **LV Windings**
  - 1. These shall be made from copper profile wire or copper foil (according to the manufacturer's preference).
- C. **MV Windings**
  - 1. These shall be made of copper profile wire or copper round wire (according to the manufacturer's preference).
- D. **MV Connections**
  - 1. The standard MV connections shall use porcelain bushings on the top of the transformer.
  - 2. Fixed MV plug-in bushings, with MV mobile plug-in bushings - straight or elbow according to the orientation of the incoming cables - may be provided if specified in the other documents.
- E. **LV Connections**
  - 1. The LV connections shall be made using porcelain bushings up to 500 KVA.
  - 2. Complete air-insulated terminal cover may be provided if specified in the documents.



**F. MV Tapping**

1. The tapping which act on the highest voltage adapting the transformer to the real supply voltage value, shall be provided with an off-circuit tap-changer switch with a padlocking facility on the top cover of the transformer.

**2.3 MAIN CHARACTERISTIC OF CONSTRUCTION**

**A. Tank**

1. The tank of the transformer shall be made with flexible cooling corrugations, in order to absorb the expansion of the dielectric due to temperature variations.
2. The cover shall be bolted on top of the tank.
3. The tank shall be built in such a way as to avoid any water accumulation.

**B. Dielectric and Component Material**

1. The components of the transformer such as insulation material, varnish, painting, etc. have to be new and PCB-free.
2. The filling of the transformer shall be made under vacuum, in order to guarantee the maximum preservation of dielectric properties.
3. The live part of the transformer shall be previously oven dried so as to remove all residual humidity.

**C. Gaskets**

1. All the gaskets shall be resistant against the action of the mineral oil, at the working temperature.

**D. Protection Against Corrosion**

1. -The anticorrosion treatment of the tank and the cover shall comprise:
  - An external degreasing and rinsing
  - A hot phosphating operation
  - A powdering through application of a polyester resin with an electrostatic spray gun.

**2.4 ACCESSORIES AND STANDARD EQUIPMENT**

**A. The transformers shall be equipped with:**

1. First filling of Oil
2. Pressure relief device without contacts
3. Magnetic oil level indicator without contacts
4. Oil temperature indicator without contacts
5. Terminal cover box (Gland on HV and LV Cable on LT Side), with dimensions as per drawing.
6. 4 bi-directional flat rollers
7. 2 lifting and untanking lugs
8. 2 earthing terminals
9. 1 filling plug
10. 1 draining device
11. 1 rating plate
12. 1 "Danger Electricity" warning label
13. 1 routine tests certificate
14. 1 instruction manual for installation, commissioning and maintenance in English.

**B. Protection**

1. The transformers shall be equipped with a DGPT2 protection relay including:
  - 1 gas detector/flow level indicator with one contact (for gas discharge and drop in liquid level)
  - 1 over pressure contact (for internal pressure increase)
  - 2 thermostats for alarm and tripping (for internal temperature increase)
  - 1 dial type thermometer without contact.



## 2.5 ROUTINE AND TYPE TESTS

### A. Routine Tests

The following tests shall be carried out on all the transformers after the manufacturing, enabling an official test certificate to be produced in presence of Client at Factory for each one:

1. Measurement of windings resistance.
2. Measurement of the transformation ratio and vector group
3. Measurement of impedance voltage and load loss
4. Measurement of no load loss and no load current
5. Applied voltage dielectric test
6. Induced voltage dielectric test
7. All type of FATs (Factory assessment tests) will be done at manufacturer facility.
8. All type of SATs (Site assessment tests) will be done at Site.

All the tests shall be carried out as per IEC / Equivalent standards

### B. Type Tests and Special Tests

The following tests may be requested (if mentioned in the documents):

1. Temperature rise test.
2. Lightning impulse test.
3. Short circuit test.
4. Noise level measurements.
5. Measurement of partial discharges.

All the tests shall be carried out as per IEC / Equivalent standards

- C. The manufacturer shall produce a test report from an official laboratory on a transformer of the same design as those produced.





TECHNICAL SPECIFICATIONS

LV/MV Distribution Boards / Panels

The nominal characteristics of the LV / MV Distribution Boards / Panels are:

- Voltage: 400/11 KV Volts AC
  - Frequency: 50 Hz
  - No. of Phases: Three + Neutral + Earth
1. The Enclosure of the Switchgear and its Stand shall be Powder Coated.
  2. Size of the Cu Bus bar should be of suitable size and shall be Tin Plated. Holes in earth and Neutral terminals should be sufficient to accommodate all incoming and outgoing circuits.
  3. The panels shall also provide protection for equipment against:
    - Dust
    - Water
    - Insects or rodents.
  4. The Switchgear shall form a lineup of freestanding metal enclosure suitable for outdoor service. Enclosure shall have adequate strength to withstand all stresses imposed by shipping/handling, installation and operation without distortion or damage.
  5. Hinged doors / Rack in- rack out trolley for MV Switchgear of framed steel construction, with locks, shall provide access to circuit breaker compartments. The supplier shall also provide a set of duplicate keys for each panel
  6. Enclosures shall be constructed of smooth finished sheet metal/ with sufficient structural requirement to ensure a plane surface, to limit vibration to provide rigidity.
  7. Design, material selection and workmanship shall be such as to result in a neat appearance outside and inside, with no weld, rivets or bolt head apparent from outside and with all exterior surfaces clean and smooth.
  8. The arrangement of equipment shall in no case prevent satisfactory performance/and shall allow sufficient space for proper maintenance within the structure.
  9. The panel front/top and sides shall be made from minimum 14SWG thick hot rolled steel plate. Panel frame shall be fabricated from minimum 14SWG thick steel sheet.
  10. Each completed enclosures shall have provision for lifting and handling.
  11. The Circuit Breakers will be as specified in Bill of Quantities.
  12. The Circuit Breakers provided shall be along with technical brochures and manuals.
  13. MCCB Stands for Molded Case Circuit Breaker.
  14. MCB stands for Miniature Circuit Breaker.



• **PART 1 - GENERAL TENDERING INSTRUCTIONS**

1.1 The quotation shall be **strictly in accordance** with Underground Coal Gasification Project Thar Pakistan Tender Book.

1.2 Actual order quantity of items / categories can be decreased or increased.

1.3 The quoted prices should be in **Pak. Rupees**; otherwise your bid will automatically be rejected. Bidders have to quote their prices based on Underground Coal Gasification Project Thar Pakistan Tender Book conditions.  
Bidders when submitting their Bid should stamp by their official stamp all the pages of the received Tender Book.

Bidders have the right to **request for clarification** provided that any request is received latest 10 days before the bidding deadline.

Answers to questions seeking for clarification of technical matters will be sent to all Bidders without identifying the source of the query.

At any time prior to the deadline for the submission of Bids, Project may, for any reason, whether at its own initiative or in response to a clarification requested by a Bidder, modify the Bidding Documents by amendment.

The amendment will be forwarded in writing to all Bidders and will be binding on them. In order to grant Bidders sufficient time to take the amendment into account, PROJECT may, at its discretion, extend the deadline for the submission of Bids.

1.4 Bid closing date is 22.02.2018 at 1500 Hrs. local Pakistani time. Bids received after bid-closing date will be automatically rejected. Bids once submitted will have to stand valid during the validity period as stated in Article 1.9 of this General Tendering Instructions, Bidders are not allowed to modify or add anything to or to withdraw their Bid after Closing Date. Technical offers will be opened on the 22.02.18 at 1600 Hrs publically. Commercial offers will be opened after technical evaluation on 23.02.2018 at 1200 Hrs.

1.5 Bidder should indicate his **full acceptance of:**

- Underground Coal Gasification Project Thar Pakistan's General Purchasing Terms
- Standard Conditions of the Contract
- Special Conditions of the Contract

1.6 Bid package must be submitted in two complete, identical sets in sealed envelopes clearly marked with the reference "**UCG /122-01-18 "** **"ORIGINAL" and "COPY 1" and should be addressed and delivered to:**

**Procurement Officer,  
Underground Coal Gasification Project Thar  
Government of Sindh, Energy Department,  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot, Sindh Tharparkar  
Cell # 0345-2102922**



1.7 This tender is invited on Single Stage Two Envelopes Procedure basis that is must consist of two sealed envelopes:

i) First envelope marked: "**UCG /122-01-18"- TECHNICAL OFFER"** should contain the technical documentation and technical specifications with references, statements, literature, drawings, as appropriate. An un-priced financial offer shall be made part of the technical offer.

ii) Second envelope marked: "**UCG /122-01-18 " - FINANCIAL OFFER"** should contain:

- A financial offer which should be valid 90 days from bid closing date.
- A price sheet as per Appendix "A" of the Form of Contract.
- Additional price information, if any, to be submitted on separate sheet.
- Itemized prices shall be quoted by bidder

Note that:

- **No prices** to be shown in Technical offer viz First envelope.
- Financial offer viz Second envelope should contain **prices only**, with no reservations
- Failing to submit two envelopes or omitting any of the requested information will lead automatically to the **rejection of the bid**.
- Envelopes shall be opened in the same sequence as requested.
- The evaluation of any company shall not be continued in case they fail to meet the criteria of the envelope requirements.

1.8 One offer will only be accepted from each bidder.

1.9 The quotation must be valid for at least 90 days after bid closing.

1.10 In case bidder does not want to participate, he is kindly requested to advise: Underground Coal Gasification Project Thar Pakistan by return mail referring to relevant Tender Book number.

1.11 In case Bidder is interested to participate in the referred Tender, it should send back by through email [ucgthar@gmail.com](mailto:ucgthar@gmail.com) or the attached Acknowledgement Letter to the Project within a fortnight from the receipt of the Tender Book.

1.12 Each envelope should be clearly marked with the bidder's company name.

1.13 In the first envelope the mailing address and telephone/cell No. and email address of the bidder should be clearly seen.

1.14 Services offered must be clearly stated and availability of each service must be mentioned keeping in view our schedule stated under Introduction above. This information should be clearly stated and documented in the Technical Offer envelope.

1.15 Bidder must submit in envelope marked "1" a bid bond. This bid bond/demand draft must be equal to 2% of total value of work.

- The bid bond is to be submitted in the form of a Letter of Guarantee issued by a **first class National / International Bank accepted by** Underground Coal Gasification Project Thar Pakistan.

The bid bond **shall be returned** to its owner if his bid is rejected or the bidder has not awarded the Contract. The bid bond must be valid for 3 months after receiving of bid.

**PART 2 - ADDITIONAL TENDERING INSTRUCTIONS**

- 2.1 The equipment specifications contained in Schedule represent the **minimum requirement** which UCG Project Thar considers necessary to accomplish concerned job.
- 2.2 All items listed in Schedule and later on should be addressed in the **same order and detail** as specified.
- 2.3 If additional information or details are needed, please contact:

**Jahanzeb Khan Abro Engineer (Electrical) and Abdul Manan JE (Electrical)**  
**UNDERGROUND COAL GASIFICATION PROJECT THAR.**  
**Cell # 0346-6686568 & 0341-3584481**  
**E-mail: [ucgthar@gmail.com](mailto:ucgthar@gmail.com)**

**Note:** Every request should have a "subject" line that clearly indicates the tender reference number.

A handwritten signature in black ink, appearing to be 'J. Khan' or similar, written in a cursive style.

### PART 3 - GENERAL PURCHASING TERMS

- 3.1 **Payment Terms:** 85% at the time of Delivery after inspection and 15% after one year successful operation (negotiable).
- 3.2 **Delay Penalty:** As per clause 15 of the contract.
- 3.3 PROJECT reserves the right to accept other than the lowest Bid, **to split the Contract between multiple CONTRACTORS** and to accept or reject any Bid in whole or in part, or to reject all Bids **with or without notice or reasons**, and if no Bids are accepted, to abandon the work or to have the work performed in such manner as the Issuer may elect, in this later case all Bids received will be sent back as received to the Bidders.
- 3.4 PROJECT shall not be liable for any costs and/or expenses incurred by the Bidder in the preparation and delivery of the Tender.
- 3.5 The Tender, any supporting documentation and the Contract shall be in the English language.
- 3.6 **Pricing:** PROJECT shall make no advance payment to the successful Bidder. Import Duties of whatever nature in respect of the execution of the Contract together with all other taxes, etc., of whatever nature shall be paid by the successful Bidder and the prices quoted shall include such costs. PROJECT will accept no liability for the Bidder's failure to include all taxes, duties and the like in its bid.
- 3.7 Project will negotiate the exceptions if any with the bidders before finalizing the evaluation, the outcome of which will have the impact on the ranking of the bidders.

A handwritten signature in black ink, appearing to be a stylized name, located at the bottom center of the page.



# UNDERGROUND COAL GASIFICATION PROJECT THAR



## CONTRACT

UNDERGROUND COAL GASIFICATION THAR PROJECT  
Village Bhambnio Bheel Islamkot Tharparkar. Cell: 0345-2102922

### PROCUREMENT DIVISION

CONTRACT No. "UCG /122-01-18" Dated \_\_\_\_\_

An agreement made on the ----- day of ----- Two thousand and Eighteen.  
Between the UCG (hereinafter called the 'PURCHASER') of the one part and M/S  
\_\_\_\_\_ herein after called the "SUPPLIER" of the other part.

Whereby it is agreed that the Purchaser shall purchase and the Supplier shall sell the equipment described in the schedule at the price mentioned therein subject to the special conditions covered in the contract and the international law.

### **WARNING**

Any information about the sale/purchase of the stores under this contract shall not be communicated to any person, other than the manufacturer of the stores or to any press or agency not authorized by the Procurement Officer, UCG to receive it. The breach of the undertaking shall be punishable under the Official Secrets Act, 1923.

1. **Name of Project:** UNDERGROUND COAL GASIFICATION THARPROJECT
2. **Description of Equipment:** As per Schedule attached at Appendix "A"
3. **Consignee:** UCG ISLAMKOT
4. **Details of Item:**

Technical Specifications: Complete technical specifications of the items are at Appendix "A".

5. **Total FOR Value:**

5.1 **PAK Rupees:** Rs. \_\_\_\_\_ (PKR \_\_\_\_\_)

6. **Terms of Payment:**

6.1 All payments will be released after delivery / inspection of consignment.

6.2 2% payment will be retained as performance guarantee.

7. **Time of Delivery:**

8. **Principal/ Manufacturer:** M/s. \_\_\_\_\_

9. **Sole Distributors/ Agent:** M/s. \_\_\_\_\_

10. **Country of Origin:** \_\_\_\_\_

11. **Installation/Acceptance:** M/s. \_\_\_\_\_ shall arrange free installation guidance / Supervision of the equipment. The consignee shall provide electrical connections, switchboards, panels, electric wiring and other related services.

12. **Training:** The seller will provide free training to the staff of UCG.

13. **Operating Manual/ Brochure:** Operation Manual, Maintenance Manual and Spare Parts List in English language shall be supplied with the equipment.

14. **Warranty/Guarantee: As per Annex "A"**

14.1 One Year from the date of installation of equipment.

14.2 The "Supplier" undertakes free after sales service for the entire warranty period from the date of installation of the equipment with free supply of parts.

14.3 On expiry of warranty period the "Supplier" undertakes to supply spare parts for ten (10) years on National / International market price on demand.

14.4 Firm will maintain a sizeable inventory of parts free of cost during warranty period for emergency repairs. (List will be provided by the supplier)

15. **Imposition of Liquidated Damages:** The supplier is liable to pay the stipulated liquidated damages for the period of delay @ 2% per month but not less than 1% of the

value of the un-supplied quantity of the stores. This will be levied for the period exceeding to the original delivery period subject to provision that the total liquidated damages thus levied will not exceed 10% of the contract value.

16. **Force Majeure:** The supplier does not undertake any responsibilities of delivery of stores according to delivery schedule in case of labor unrest, civil commotion, strike, riots, war act of God at the supplier/ manufacturer end. This shall not include non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin.
17. **Packing/ Marking Instructions:**
- 17.1 As per packing worthy of National / International standards so as to ensure that the consignment is free from loss or damage on arrival at the ultimate destination. Any loss occurred paid due to wrong marking, shall be made good by the supplier and all the expenses incurred by UCG as a result of wrong packing shall be recovered from the supplier.
- 17.2 In case of damage of stores due to improper packing, the supplier will be responsible for replacement of the equipment/stores, free of charge.
- 17.3 Packages will be marked as per following details:-
- Gross weight (KGs), dimensions and consignment number (Top side)
  - Consignee Name, name of destination, Numbering of Packages and Contract No and date.
18. **Inspection:** At consignee's end jointly by representative of and M/s \_\_\_\_\_ and UCG
- 18.1 Inspecting Authority: Designated rep. of MD UCG
- 18.2 Place of Inspection: \_\_\_\_\_
19. **Short Shipment:** Short shipment, if any, will be the responsibility of the "Supplier".
20. **Performance / Bank Guarantee Clause:** To ensure timely and correct supply of stores, the firm will furnish 2 % of the total value of the contract unconditional Bank Guarantee immediately on the signing of the contract, endorsed in favour of MD UCG which will remain valid for One year from the date of installation.
21. **Modification / Amendments to Contract:** This contract may be modified / amended to include fresh clause (s) to the mutual agreement by the supplier and the purchaser. Such modification shall form an integral part of the contract.
22. **Insurance:**
- 22.1 The supplier will arrange Insurance cover of the equipment up to the consignee's end.
23. **Failure and Termination:** If the supplier fails to deliver the stores or any consignment within the period prescribed, then on the expiry of 30 days after such period the purchaser shall be entitled to take either of the following actions:-
- 23.1 To cancel the contract.
- 23.2 To purchase elsewhere store not delivered totally or partially at the risk and expense of the supplier. The supplier shall also be liable for any loss, which the purchaser may sustain on this account but shall not be entitled to any gain on re-purchase made against the contract.
24. **Purchaser's Right:** The purchaser reserves the right of deletion, addition and cancellation of the contract, in part or full without assigning any reason whatsoever and without financial repercussion on either side within 30 days after the issuance of contract. Such information will be passed to the seller by the purchaser through the fastest possible means i.e. Telephone, Fax, Telex, Cable, Telegram, E-mail etc.



25. **No Demand Certificate:** The supplier will submit 'NO DEMAND CERTIFICATE' on the completion of contract.
26. **Secrecy:** The foreign suppliers / contractors undertaking along with the local firm / agent that any information about the sale / purchase of stores under their contract shall not be communicated to any person other than the manufacturers of stores who too shall maintain strict secrecy and under no circumstance any information shall be given to any person or agency not authorised by MD UCG. The foreign suppliers contractors should note that the contract is governed by the laws of Pakistan.
27. **Arbitration:** The contracting parties shall endeavor to resolve all their difference / disputes if any arising out of this contract. The matter in dispute or difference shall be referred to the decision of the MD UCG. His decision thereon shall be final and binding on the parties. The venue of arbitration shall be the place to be notified by the arbitrator at his discretion.
28. **Undertaking**
- 28.1 M/s \_\_\_\_\_ when signed contract No. unconditionally guarantee the full and proper performance of this contract and hereby under take to accept all liabilities to compensate the "Purchaser" for Acts / Defaults of our Principals.
- 28.2 We undertake that manufacturing date of our products / stores will not be more than three months old by the date of delivery.

### SIGNATURES

SUPPLIER

M/s \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Date : \_\_\_\_\_

PURCHASER

M/s. UCG Project Thar

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_



## WARRANTY/GUARANTEE CERTIFICATE

The Managing Director  
UCG Project,  
Thar.

From: M/s \_\_\_\_\_

Order No. \_\_\_\_\_ Dated \_\_\_\_\_

1. We hereby guarantee that the goods supplied against the above contract are in all respects in accordance with the relevant specifications and terms of the order and that material used whether or not of our manufacture are in accordance with the latest approved standards and are of good workmanship/quality. We shall replace free of cost every article or part thereof which before use or in use shall be found defective or not within the limits and tolerance of specifications / requirements or in any way not in accordance with the terms of the tender.
2. In case of our failure to replace the defective stores free of cost with in the period specified by the purchaser, we will pay the relevant cost including all other expenses incurred by you.
3. The supplier also undertakes to make good the deficiency in supply, if any.
4. This warranty will remain valid for (12) twelve month after the date of commissioning/receipt of material. . One year additional maintenance will be provided free of cost, cost of parts for additional year will be borne by \_\_\_\_\_.

Signature: \_\_\_\_\_

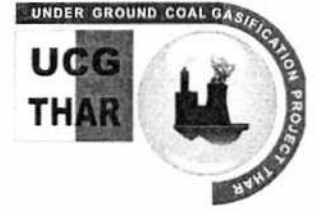
Relationship with the firm: Director

Date and seal of the firm: \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'M. G.', written over a horizontal line.



**UNDERGROUND COAL GASIFICATION  
PROJECT THAR**



**Tender Document**

**For the Supply and Installation of  
500 m<sup>3</sup>/day Reverse Osmosis Plant.  
At Islamkot, Dist: Mithi, Sindh**

**Tender No: UCG/123-01-18**

M/s

---

---

---

**Invitation to Tender and General Instructions.**

**Dear Sir**

I invite you to tender for the supply of “Supply and Installation of 500 m<sup>3</sup>/day Reverse Osmosis Plant” in accordance with the description of items at Appendix “A”.

**2. Delivery of Tender: -**

- a) Quotation must be completed in all respect, please attach brochures where necessary.
- b) Earnest money equivalent to 2% of the total cost in the shape of Bank Draft or Pay Order in favor of **MD, UCG Thar** must accompany the tender.
- c) **The tender duly sealed will be addressed to: -**

**Procurement Officer,  
Underground Coal Gasification Project Thar  
Energy Department,  
Government of Sindh.  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell : 0345-2102922**

3. **Date and Time For Receipt of Tender:** - Your tender must reach this office by the date and time specified in the “Appendix A”. This Project will not accept any excuse of delay occurring in post. Tender received after the fixed date/time will NOT be entertained.

**4. Terms of Payment.**

85% at the time of delivery and 15% after One year successful operation (negotiable)

5. **Warranty.** All goods/stores/offered would be brand new, from current production and will be governed as per warranty clause.

6. **Validity of Offer.** The validity period of quotations must be indicated and should invariably be 90 days extendable to 90 days from the date of opening of commercial offer.

7. **Photocopies of Documents.** Following information/copy of documents must be provided/attached with offer: -

- a) A copy of letter from the Bank showing firm’s financial capability.



- b) Income tax and Sales Tax No. Sindh Sales Tax No. to be mentioned on the offer and copy of Registration Certificate issued by FBR.
- c) Copy of original Principal/Agency Agreement in case of Bidders other than manufacturer or importing from abroad.

8. **Disqualification.** Offers are liable to be rejected if: -

- a) Earnest money is not attached, with the offer.
- b) Offers are found conditional or incomplete in any respect.
- c) Manufacturer's relevant brochures and technical details on major equipment are not attached in support of specifications.
- d) Received later than appointed/fixed date and time.
- e) If the validity of the agency agreement is expired.
- f) If validity of offer is not quoted as required in NIT or made subject to confirmation later.

9. **Rights Reserved.** UCG reserves full rights to accept or reject any or all offers including the lowest without assigning any reason.

10. **Application of Official Secret Acts.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the official Secret Act, 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

11. **Force Majeure.** As per international law.

12. **Subletting.** Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per purchaser's right and discretion.

Faithfully Yours



**Procurement Officer,  
Underground Coal Gasification  
Project Thar, Energy Deptt.,  
Government of Sindh  
C/O Manager, National Bank of  
Pakistan,  
Islamkot Branch, Islamkot,  
Sindh Tharparkar  
Cell : 0345-2102922**

## TECHNICAL PARAMETER

1. **Technical Specifications.**

- a) The store/equipment should conform to specification/service requirements and technical data/drawing (if applicable). Offer not conforming to required specifications will be rejected. The supplier shall further undertake to provide all the contracted stores/goods as per the specifications.
- b) All stores/items/goods delivered would be brand new, from current production, conforming to purchaser specifications, quality certification/inspection documents to the purchaser confirming the quality of the product being supplied under this contract. Stores must bear the manufacturer's identification marking/monogram.

2. **Inspection/Testing of Store.** Inspection/testing will be carried out by the concerned inspecting team/inspector at the premises of suppliers/manufacturer's as detailed by the technical authority of respective service on behalf of the purchaser in accordance with the laid down acceptance criteria. Whatever the expenditure such as Air Ticket, Boarding and lodging will be borne by the supplier.

3. **Change in Specification/Manufacturer/Model.** No alteration in make/brand and quality of stores will be entertained after the tenders have been opened. Any change/improvement will requires approval of tech authority/user.

4. **Technical Documentation.** All catalogues will be supplied free of cost by the supplier at the request of purchaser unless otherwise stated in the contract. The Supplier will provide one sets of following documents free of cost for technical scrutiny of the offer (as applicable):

- a) Technical literature of each item.
- b) Manufacturer's Specifications/Technical Data/Drawing and packing details etc of each item.
- c) Acceptance test procedure/criteria of each item.
- d) Country of origin of each item and port of shipment.



**SCHEDULE TO TENDER**

UCG – 123-01-18

1. NIT No.
2. Time and Date for Opening of Technical Bid at 1600 hrs. on 24-02-2018 & Opening of Financial Bid at 1200 Hrs. on 25-02-2018 at UCG Project Thar Site, Bhambino Bheel, Islamkot Mithi, Tharparkar, C/o Manager NBP Islamkot Branch. Islamkot.

A:

**Supply and Installation of 500 m<sup>3</sup>/day Reverse Osmosis Plant****1. Feed Water Chemistry & Product Water Quality**

Type:	Ground Water
pH:	7.2 – 8.0
Total Dissolved Solids:	7000 mg/L
Total Hardness:	150 ppm
<b>Final Product Water Quality:</b>	
pH:	6.0 – 7.0
Product water TDS:	≤ 200 ppm

**2. Specifications for Feed Pump & Multimedia Filter****Feed Pump:**

Number of unit:	01 No
Model:	CNP
Manufacturer:	Imported
Type:	Multistage/Centrifugal
Material:	SS
Flow:	50 m <sup>3</sup> /hr
Head:	40 meter
Rated Voltage:	380 – 415
Rated Speed:	2960 rpm
Power:	11.0 kW

**Multimedia Design Basis:**

Flow:	50 m <sup>3</sup> /hr
-------	-----------------------

**Pressure Vessel:**

Quantity:	03 No
Size:	78 x 84"
Material:	FRP
Inlet/Outlet:	4.0"
Design pressure:	6.5 Bar
Working Pressure:	3 - 4 Bar
Origin:	Pakistan
Valves:	
Quantity:	03 No
Type:	Manual Valves (Multiport)

**PVC Piping & Fittings:**

Quantity:	01 Lot
Type:	PVC Sch: 80
Brand:	Hydroseal

Origin:	Canada
---------	--------

**Media:**

Sand:	0.85 – 1.5 mm
Gravel:	3.0 – 7.0 mm
Activated carbon:	Effective Size 0.55-0.75 mm

**Pressure Gauges:**

Quantity:	03 No
Range:	0 – 10 bar
Dial Size:	2.5"
Make:	WIKA

**Installation & Utilities:**

Water Flow:	50 m3/hr Up to Feed Pump Suction
Drain:	50 m3/hr

**3. Specifications for Reverse Osmosis System**

**Reverse Osmosis System:**

No of Reverse Osmosis Unit:	1 No
Feed capacity:	50 m3/h
Design Permeate Flow rate:	25 m3/h
Concentrate Capacity:	25 m3/h
Recovery:	50-60% (Testing will decide for exact recovery)
Design Temperature:	25 <sup>0</sup> C

**Control:**

Type:	Fully Automatic Through Logic
Start up:	Auto Flush
Shut Down:	Flush with Biocide
Enclosure:	Powder coated carbon steel

**Material of Constructions:**


Low-Pressure Piping:	PVC Sch: 80
High-Pressure Piping:	SS 316
Clamps/Fittings:	Zinc plated
Skid Material:	MS
Skid Painting:	Enamel

**Bag Filtration:**

Quantity:	01 No
Flow:	50 m3/h
Housing Material:	PP
Pressure gauge:	01 No
Porosity:	5-10 Micron

**Cartridge Filtration:**

Quantity:	01 No
Flow:	50 m3/h
Cartridge length:	40"
Housing Material:	PP
No of Cartridge:	18 No





Porosity:	5 Micron
-----------	----------

**High Pressure Pump:**

Number of unit:	01 No
Model:	CNP
Manufacturer:	Imported
Type:	Multistage/Vertical
Material:	SS 316
Flow:	50 m3/h
Head:	180 meter
Rated Voltage:	380-415
Rated Speed:	2960 rpm
Power:	37.0 kW

**Membrane Elements:**

Quantity:	30.0 elements
Model:	CPA3
Configuration:	Spiral Wound
Membrane Polymer:	Composite Polyamide
Nominal membrane area:	365-400 ft2
Manufacturer:	Hydranautics
Origin:	USA

**Membrane Housings:**

Quantity:	5.0 Sets
Manufacturer:	KEDI
Type of Housings:	FRP 8-inch diameter
Style of Housings:	6-element long, end port/side port
Rated pressure:	24.2 bar (350 psi)
Housing Closure Type:	Ring and plate style closure

**Flow Meter:**

Quantity:	2 Sets
Manufacturer:	LZT
Origin:	China
Type:	Rota
Placement: Inline/Penal Mounted	

**TDS Meter:**

Quantity:	1 Set
Manufacturer:	Create
Origin:	China
Type:	Digital
Placement:	Penal Mounted

**Pressure Gauges:**

Quantity:	4 No
Manufacturer:	WIKA
Range:	0-10 Bar & 0-16 Bar
Type:	Liquid Filled
Placement:	Inline/Penal Mounted

**Low & High Pressure Switches:**

Quantity:	2 No
Range:	0-10 Bar
Type:	Analogue
Placement:	Inline

**Automatic flush valve:**

Quantity:	1 Set
Type:	Solenoid
Connection:	NPT
Valve Body Material:	Brass
Pneumatic Actuator:	China

**Concentrate control valve:**

Quantity:	1 Set
Type:	Manual Gate Valve
Connection:	NPT
Material:	SS 316 L

**Chemical dosing system for Anti-Scalent injection:**

Quantity:	1 Set
Manufacturer:	Etatron
Origin:	Italy
Metering pump capacity:	0 - 3 LPH
Head:	07 Bar
Type:	Diaphragm, Solenoid Driven
Accessories:	Injection Nozzles, Check Valve etc
Enclosure Rating:	IP 65
Insulation Class:	F
No. of Tanks:	1
Tank capacity:	70 Liter
Tank material:	HDPE

**Chemical dosing system for Biocide injection:**

Quantity:	1 Set
Manufacturer:	Etatron
Origin:	Italy
Metering pump capacity:	0 - 3 LPH
Head:	07 Bar
Type:	Diaphragm, Solenoid Driven
Material:	Special Corrosion Resistant Material
Accessories:	Injection Nozzles, Check Valve etc
Enclosure Rating:	IP 65
No. of Tanks:	1
Tank capacity:	70 Liter
Tank material:	HDPE

**Installation and Utilities Requirement:**

Drain to be sized for:	50 m3/hr
Power:	380 - 415 VAC, 3Ø, 50 Hz

**4. Specifications for Chemical Cleaning In Place System****Cleaning Pump:**

Number of unit:	01 No
Model:	CNP
Manufacturer:	China
Type:	Multistage/Vertical
Material:	SS 316
Flow:	35 m3/hr
Head:	35 - 40 meter
Rated Voltage:	380-415
Rated Speed:	2920 rpm
Power:	5.5 kW

**Cleaning Tank:**

Tank:	1
Capacity:	300 Gallons
Material:	HDPE
Brand:	Polygon
Origin:	Pakistan

- I Total cost of RO plant 500 m3/day material supply at UCG site Rs \_\_\_\_\_
- II Cost of installation for 500 m3/day at UCG site Rs \_\_\_\_\_

**Grand Total "FOR" Cost (Inclusive of all applicable taxes)**  
**Rs. \_\_\_\_\_**


**Special Instructions.**

01. Price will be mentioned separately for RO plant Material supply and Installation Cost at UCG Thar Project Site.  
Date by which store can be delivered by the firm is to be specified.
02. Quotation will be submitted on "FOR" basis at UCG Project Thar Site Islamkot.
03. Price will be mentioned separately both in figures and words.

## PART 1 - GENERAL TENDERING INSTRUCTIONS

- 1.1 The quotation shall be **strictly in accordance** with Underground Coal Gasification Project Thar Pakistan Tender Book.
- 1.2 Actual order quantity of items / categories can be decreased or increased.
- 1.3 The quoted prices should be in **Pak. Rupees**; otherwise your bid will automatically be rejected. Bidders have to quote their prices based on Underground Coal Gasification Project Thar Pakistan Tender Book conditions.

Bidders when submitting their Bid should stamp by their official stamp all the pages of the received Tender Book.

Bidders have the right to **request for clarification** provided that any request is received latest 10 days before the bidding deadline.

Answers to questions seeking for clarification of technical matters will be sent to all Bidders without identifying the source of the query.

At any time prior to the deadline for the submission of Bids, Project may, for any reason, whether at its own initiative or in response to a clarification requested by a Bidder, modify the Bidding Documents by amendment.

The amendment will be forwarded in writing to all Bidders and will be binding on them. In order to grant Bidders sufficient time to take the amendment into account, PROJECT may, at its discretion, extend the deadline for the submission of Bids.

- 1.4 Bid closing date is 24.02.2018 at 1500 Hrs. local Pakistani time. Bids received after bid-closing date will be automatically rejected. Bids once submitted will have to stand valid during the validity period as stated in Article 1.9 of this General Tendering Instructions, Bidders are not allowed to modify or add anything to or to withdraw their Bid after Closing Date. Technical offers will be opened on the 24.02.18 at 1600 Hrs publically. Commercial offers will be opened after technical evaluation on 25.02.2018 at 1200 Hrs.

- 1.5 Bidder should indicate his **full acceptance of:**

- Underground Coal Gasification Project Thar Pakistan's General Purchasing Terms
- Standard Conditions of the Contract
- Special Conditions of the Contract

- 1.6 Bid package must be submitted in two complete, identical sets in sealed envelopes clearly marked with the reference "**UCG /123-01-18** " **"ORIGINAL" and "COPY 1" and should be addressed and delivered to:**



**Procurement Officer,  
Underground Coal Gasification Project Thar  
Government of Sindh, Energy Department,  
C/O Manager, National Bank of Pakistan,  
Islamkot Branch, Islamkot, Sindh Tharparkar  
Cell : 0345-2102922**

1.7 This tender is invited on Single Stage Two Envelopes Procedure basis that is must consist of **two sealed envelopes**:

i) First envelope marked: **"UCG /123-01-18"-TECHNICAL OFFER**" should contain the technical documentation and technical specifications with references, statements, literature, drawings, as appropriate. An un-priced financial offer shall be made part of the technical offer.

ii) Second envelope marked: **"UCG /123-01-18 " - FINANCIAL OFFER"** should contain:

- A financial offer which should be valid 90 days from bid closing date.
- A price sheet as per Appendix "A "of the Form of Contract.
- Additional price information, if any, to be submitted on separate sheet. Itemized prices shall be quoted by bidder

Note that:

- **No prices** to be shown in first or second envelope
- Envelope should contain **prices only**, with no reservations
- Failing to submit two envelopes or omitting any of the requested information will lead automatically to the **rejection of the bid**.
- Envelopes shall be opened in the same sequence as requested.
- The evaluation of any company shall not be continued in case they fail to meet the criteria of the envelope requirements.

1.8 **One offer** will only be accepted from each bidder.

1.9 The quotation must be **valid** for at least 90 days after bid closing.

1.10 In case bidder **does not want to participate**, he is kindly requested to advice: Underground Coal Gasification Project Thar Pakistan by return mail referring to relevant Tender Book number.

1.11 In case Bidder is **interested to participate** in the referred Tender, it should send back by through email [ucgthar@gmail.com](mailto:ucgthar@gmail.com) or the attached Acknowledgement Letter to the Project within a fortnight from the receipt of the Tender Book.

1.12 Each envelope should be **clearly marked** with the bidder's company name.

1.13 In the first envelope the **mailing address and telephone/cell No. and email address** of the bidder should be clearly seen.

1.14 Services offered must be clearly stated and availability of each service must be mentioned keeping in view our schedule stated under Introduction above. This information should be clearly stated and documented in the Technical Offer envelope.

1.15 Bidder must submit in envelope marked "1" a bid bond. This **bid bond/demand draft** must be equal to **2%** of total value of work.

- The bid bond is to be submitted in the form of a Letter of Guarantee issued by a **first class international bank accepted** by Underground Coal Gasification Project Thar Pakistan.

The bid bond **shall be returned** to its owner if his bid is rejected or the bidder has not awarded the Contract. The bid bond must be valid for 3 months after receiving of bid.



## PART 2 - ADDITIONAL TENDERING INSTRUCTIONS

- 2.1 The equipment specifications contained in Schedule represent the **minimum requirement** which UCG Project Thar considers necessary to accomplish concerned job.
- 2.2 All items listed in Schedule and later on should be addressed in the **same order and detail** as specified.
- 2.3 If additional information or details are needed, please contact:

Muhammad Imran Jarral Senior Scientist (Chemistry) &  
Naresh Kumar Junior Scientist (Chemistry)  
Underground coal gasification project Thar,  
**0344-5466761 ,0346-3380176**  
**0345-2102922**  
E-mail: [ucgthar@gmail.com](mailto:ucgthar@gmail.com)

**Note:** Every request should have a “subject” line that clearly indicates the tender reference number.

A handwritten signature in black ink, appearing to be 'Imran Jarral', written in a cursive style.

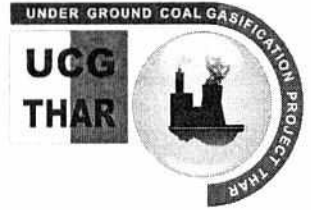
### PART 3 - GENERAL PURCHASING TERMS

- 3.1 **Payment Terms:** 85% at the time of delivery and 15% after One year successful operation (negotiable).
- 3.2 **Delay Penalty:** As per clause 15 of the contract.
- 3.3 PROJECT reserves the right to accept other than the lowest Bid, **to split the Contract between multiple CONTRACTORS** and to accept or reject any Bid in whole or in part, or to reject all Bids **with or without notice or reasons**, and if no Bids are accepted, to abandon the work or to have the work performed in such manner as the Issuer may elect, in this later case all Bids received will be sent back as received to the Bidders.
- 3.4 PROJECT shall not be liable for any costs and/or expenses incurred by the Bidder in the preparation and delivery of the Tender.
- 3.5 The Tender, any supporting documentation and the Contract shall be in the English language.
- 3.6 **Pricing:** PROJECT shall make no advance payment to the successful Bidder. Import Duties of whatever nature in respect of the execution of the Contract together with all other taxes, etc., of whatever nature shall be paid by the successful Bidder and the prices quoted shall include such costs. PROJECT will accept no liability for the Bidder's failure to include all taxes, duties and the like in its bid.
- 3.7 Project will negotiate the exceptions if any with the bidders before finalizing the evaluation, the outcome of which will have the impact on the ranking of the bidders.

A handwritten signature in black ink, consisting of several loops and a long tail stroke, positioned in the lower right quadrant of the page.



# UNDERGROUND COAL GASIFICATION PROJECT THAR



## CONTRACT

UNDERGROUND COAL GASIFICATION THAR PROJECT  
Village Bhambnio Bheel Islamkot Tharparkar. Cell No 0345-2102922

PROCUREMENT DIVISION

CONTRACT No. "UCG /123-01-18" Dated \_\_\_\_\_

An agreement made on the ----- day of ----- Two thousand and Eighteen.  
Between the UCG (hereinafter called the 'PURCHASER') of the one part and Messrs  
\_\_\_\_\_ herein after called the "SUPPLIER" of the other part.

Whereby it is agreed that the Purchaser shall purchase and the Supplier shall sell the equipment described in the schedule at the price mentioned therein subject to the special conditions covered in the contract and the international law.

### **WARNING**

Any information about the sale/purchase of the stores under this contract shall not be communicated to any person, other than the manufacturer of the stores or to any press or agency not authorized by the Procurement Officer, UCG to receive it. The breach of the undertaking shall be punishable under the Official Secrets Act, 1923.



1. **Name of Project:** UNDERGROUND COAL GASIFICATION THARPROJECT
2. **Description of Equipment:** As per Schedule attached at Appendix "A"
3. **Consignee:** UCG ISLAMKOT
4. **Details of Item:**

Technical Specifications: Complete technical specifications of the items are at Appendix "A".

5. **Total FOR Value:**

5.1 **PAK Rupees:** Rs. \_\_\_\_\_ (PKR \_\_\_\_\_)

6. **Terms of Payment:**

6.1 All payments will be released after delivery / inspection of consignment.

6.2 2% payment will be retained as performance guarantee.

7. **Time of Delivery:**

8. **Principal/ Manufacturer:** M/s. XYZ

9. **Sole Distributors/ Agent:** M/s. \_\_\_\_\_

10. **Country of Origin:** \_\_\_\_\_

11. **Installation/Acceptance:** M/s. \_\_\_\_\_ shall arrange free installation of the equipment. The consignee shall provide electrical connections, switchboards, panels, electric wiring and other related services.

12. **Training:** The seller will provide free training to the staff of UCG.

13. **Operating Manual/ Brochure:** Operation Manual, Maintenance Manual and Spare Parts List in English language shall be supplied with the equipment.

14. **Warranty/Guarantee: As per Annex "B"**

14.1 One Year from the date of installation of equipment.

14.2 The "Supplier" undertakes free after sales service for the entire warranty period from the date of installation of the equipment with free supply of parts.

14.3 On expiry of warranty period the "Supplier" undertakes to supply spare parts for ten (10) years on International market price on demand.

14.4 Firm will maintain a sizeable inventory of parts free of cost during warranty period for emergency repairs. (List will be provided by the supplier)

15. **Imposition of Liquidated Damages:** The supplier is liable to pay the stipulated liquidated damages for the period of delay @ 2% per month but not less than 1% of the value of the un-supplied quantity of the stores. This will be levied for the period exceeding

- to the original delivery period subject to provision that the total liquidated damages thus levied will not exceed 10% of the contract value.
16. **Force Majeure:** The supplier does not undertake any responsibilities of delivery of stores according to delivery schedule in case of labor unrest, civil commotion, strike, riots, war act of God at the supplier/ manufacturer end. This shall not include non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin.
17. **Packing/ Marking Instructions:**
- 17.1 As per packing worthy of international standards so as to ensure that the consignment is free from loss or damage on arrival at the ultimate destination. Any loss occurred paid due to wrong marking, shall be made good by the supplier and all the expenses incurred by UCG as a result of wrong packing shall be recovered from the supplier.
- 17.2 In case of damage of stores due to improper packing, the supplier will be responsible for replacement of the equipment/stores, free of charge.
- 17.3 Packages will be marked as per following details:-
- a. Gross weight (KGs), dimensions and consignment number (Top side)
- b. Consignee Name, name of destination, Numbering of Packages and Contract No and date.
18. **Inspection:** At consignee's end jointly by representative of and M/s \_\_\_\_\_ and UCG
- 18.1 Inspecting Authority: Designated rep. of MD UCG
- 18.2 Place of Inspection: \_\_\_\_\_
19. **Short Shipment:** Short shipment, if any, will be the responsibility of the "Supplier".
20. **Performance / Bank Guarantee Clause:** To ensure timely and correct supply of stores, the firm will furnish 2 % of the total value of the contract unconditional Bank Guarantee immediately on the signing of the contract, endorsed in favour of MD UCG which will remain valid for One year from the date of installation.
21. **Modification / Amendments to Contract:** This contract may be modified / amended to include fresh clause (s) to the mutual agreement by the supplier and the purchaser. Such modification shall form an integral part of the contract.
22. **Insurance:**
- 22.1 The supplier will arrange Insurance cover of the equipment up to the consignee's end.
23. **Failure and Termination:** If the supplier fails to deliver the stores or any consignment within the period prescribed, then on the expiry of 30 days after such period the purchaser shall be entitled to take either of the following actions:-
- 23.1 To cancel the contract.
- 23.2 To purchase elsewhere store not delivered totally or partially at the risk and expense of the supplier. The supplier shall also be liable for any loss, which the purchaser may sustain on this account but shall not be entitled to any gain on re-purchase made against the contract.
24. **Purchaser's Right:** The purchaser reserves the right of deletion, addition and cancellation of the contract, in part or full without assigning any reason whatsoever and without financial repercussion on either side within 30 days after the issuance of contract. Such information will be passed to the seller by the purchaser through the fastest possible means i.e. Telephone, Fax, Telex, Cable, Telegram, E-mail etc.



25. **No Demand Certificate:** The supplier will submit 'NO DEMAND CERTIFICATE' on the completion of contract.
26. **Secrecy:** The foreign suppliers / contractors undertaking along with the local firm / agent that any information about the sale / purchase of stores under their contract shall not be communicated to any person other than the manufacturers of stores who too shall maintain strict secrecy and under no circumstance any information shall be given to any person or agency not authorised by MD UCG. The foreign suppliers contractors should note that the contract is governed by the laws of Pakistan.
27. **Arbitration:** The contracting parties shall endeavor to resolve all their difference / disputes if any arising out of this contract. The matter in dispute or difference shall be referred to the decision of the MD UCG. His decision thereon shall be final and binding on the parties. The venue of arbitration shall be the place to be notified by the arbitrator at his discretion.
28. **Undertaking**
- 28.1 M/s \_\_\_\_\_ when signed contract No. unconditionally guarantee the full and proper performance of this contract and hereby under take to accept all liabilities to compensate the "Purchaser" for Acts / Defaults of our Principals.
- 28.2 We undertake that manufacturing date of our products / stores will not be more than three months old by the date of delivery.

### SIGNATURES



SUPPLIER

M/s \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Date : \_\_\_\_\_

PURCHASER

M/s. UCG Project Thar

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

**WARRANTY/GUARANTEE CERTIFICATE**

**The Managing Director  
UCG Project,  
Thar.**

From: M/s \_\_\_\_\_

Order No. \_\_\_\_\_ Dated \_\_\_\_\_

1. We hereby guarantee that the goods supplied against the above contract are in all respects in accordance with the relevant specifications and terms of the order and that material used whether or not of our manufacture are in accordance with the latest approved standards and are of good workmanship/quality. We shall replace free of cost every article or part thereof which before use or in use shall be found defective or not within the limits and tolerance of specifications / requirements or in any way not in accordance with the terms of the tender.
2. In case of our failure to replace the defective stores free of cost with in the period specified by the purchaser, we will pay the relevant cost including all other expenses incurred by you.
3. The supplier also undertakes to make good the deficiency in supply, if any.
4. This warranty will remain valid for (12) twelve month after the date of commissioning/receipt of material. . One year additional maintenance will be provided free of cost, cost of parts for additional year will be borne by \_\_\_\_\_.

**Signature:** \_\_\_\_\_

**Relationship with the firm: Director**

**Date and seal of the firm:** \_\_\_\_\_

