



UNDERGROUND COAL GASIFICATION PROJECT THAR
ENERGY DEPARTMENT, GOVERNMENT OF SINDH
Bhambneo Bheel, Islamkot, Tharparkar



No.UGG/Tender/Elect-204/2014

August 13, 2014

Tender Documents
Low Voltage Distribution Boards

UCG Thar Project is interested to purchase the subject items on FOR UCG Site basis (Islamkot). Details are as per Schedule Annexure-'A' and technical specifications as per Annexure-'B'. Terms and conditions are given below:


1. Blank tender forms can be collected from the Procurement Officer, UCG Project Thar, up to **28-08-2014** during office hours after depositing the tender fee amounting to **Rs.500/- (Non Refundable)** in the shape of pay order in favor of Accounts Officer, UCG Thar Project, Islamkot. Tender documents can also be obtained through email by submitting scanned copy of Bank Draft/ Pay Order however its original should accompany the tender otherwise bid will not be considered.
2. The tenders will be received back up to **29-08-2014 at 1400 Hrs**, Technical offers will be opened at **1500 Hrs** and Financial offers will be opened at **1600 Hrs** at the same day, in the presence of Purchase Committee and the bidders or their authorized representatives who wish to be present.
3. The bid package must consist of **two sealed envelopes**:
 - First envelope marked: **"UCG/Elect-204/2014 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.
 - Second envelope marked: **"UCG/Elect-204/2014 FINANCIAL OFFER"** should contain a financial offer and 2% of total cost of the bid as earnest money in shape of Bank Draft / Pay Order in favor of Accounts Officer UCG Thar.

Note that:

- **No prices** to be shown in first envelope.
- 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 request.
- The evaluation of any company shall not be continued in case they fail to meet the criteria of the envelope requirements.
- Each envelope should be **clearly marked** with the bidder's company name.
- If additional information or technical details are needed, please contact:

Mr. Abdul Manan, Junior Engineer (Electrical)
Underground Coal Gasification Project Thar
Pakistan's. Tel: 92-232 923036
Mob: 0341-3584481
E-mail: ucgthar@gmail.com

4. Bid Security amounting to 2% of Bid Price should be submitted along with the Bid in shape of Pay Order in favor of Accounts Officer, UCG Thar Project, issued by any scheduled Bank of Pakistan.
5. The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
6. Amount of the tender is below Rs.1 Million.
7. Conditional tender and tender without bid security shall not be considered.
8. Delivery Time will be 30 days (max.) starting after the issuance of supply order.
9. GST/Income Tax Exemption Certificates, as the case may be, must be accompanied with the tender.
10. Receipt of bid/ tender after due time and date will not be accepted.
11. Only manufacturers or authorized dealers can participate with current/ valid authorization certification.
12. The procuring agency may amend quantities / reject all or any bid at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPP Rules 2010.
13. Only sealed quotations duly stamped are accepted. Tender envelope should bear the tender No. **UCG/Tender/Elect-204/2014** and **Tender for Low Voltage Distribution Boards.**


Procurement Officer
UCG Thar Project Site,
C/O Manager,
National Bank of Pakistan
Islamkot.
Ph: 0232-923008
Cell: 0342-1220408
Email: poucgtar@gmail.com

SCHEDULE TO TENDER

- 1 IT No. UCG/Elect-204/2014
 2 Time and Date of Technical Bid Opening at 1500 hrs on 29-08-2014
 3 Time and Date of Financial Bid Opening at 1600 hrs on 29-08-2014

Low Voltage Distribution Boards

S.No	Description	Unit	Qty	Unit Price	Total Price
1	<p>Floor standing, Front access type L.V (400 Volts AC,50Hz, TPNE) distribution board/panel made of M.S sheet, Upper and Down Plate Detachable and by using all sort of circuit Breakers from Siemens,ABB,Scheniders,with proper glands completed in all respects with weather coated, having 3P,Neutral and Earth bus Tinned Copper Bus bars, comprising of:</p> <p>INCOMING:</p> <p>200 Amps. TP MCCB Adjustable 36KA</p> <p>1-Ammeter with selector switch.</p> <p>1-Voltmeter with selectors switch</p> <p>1-Set Instrument Fuses</p> <p>1-Set of Indication Lamps.</p> <p>OUTGOING:</p> <p>48 x 16 Amps .SP MCB 10KA</p> <p>18 x 20 Amps SP MCB 10 KA</p>	No	1		
2	<p>Floor standing, Front access type L.V (400 Volts AC,50Hz, TPNE) distribution board/panel made of M.S sheet, Upper and Down Plate Detachable and by using all sort of circuit Breakers from Siemens,ABB,Scheniders,with proper glands completed in all respects with weather coated, having 3P,Neutral and Earth bus Tinned Copper Bus bars, comprising of:</p> <p>INCOMING:</p> <p>100 Amps. TP MCCB Adjustable 36KA</p> <p>1-Ammeter with selector switch.</p> <p>1-Voltmeter with selectors switch</p> <p>1-Set Instrument Fuses</p> <p>1-Set of Indication Lamps.</p> <p>OUTGOING:</p> <p>2x 30 Amps. TP MCCB Adjustable 36KA</p> <p>18x 16 Amps .SP MCB 10KA</p> <p>12 x 20 Amps SP MCB 10 KA</p>	No	1		

Floor standing, Front access type L.V (400 Volts AC,50Hz, TPNE) distribution board/panel made of M.S sheet, Upper and Down Plate Detachable and by using all sort of circuit Breakers from Siemens,ABB,Scheniders,with proper glands completed in all respects with weather coated, having 3P,Neutral and Earth bus Tinned Copper Bus bars, comprising of:

3

INCOMING:

100 Amps. TP MCCB Adjustable 36KA

1-Ammeter with selector switch.

1-Voltmeter with selectors switch

1-Set Instrument Fuses

1-Set of Indication Lamps.

OUTGOING:

2x 60 Amps. TP MCCB Adjustable 36KA

15 x 16 Amps .SP MCB 10KA

No

1

TECHNICAL SPECIFICATIONS

LV Distribution Boards / Panels

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

- Voltage: 400 Volts AC
 - Frequency: 50 Hz
 - No. of Phases: Three + Neutral + Earth
1. The Enclosure of the Switchgear shall be Powder Coated.
 2. Tin Plated Bus bars will be used with Color coded sleeves.
 3. Holes in earth and Neutral terminals should be sufficient to accommodate all incoming and outgoing circuits.
 4. The panels shall also provide protection for equipment against:
 - Dust
 - Water
 - Insects or rodents.
 5. The Switchgear shall form a lineup of freestanding metal enclosure suitable for indoor service. Enclosure shall have adequate strength to withstand all stresses imposed by shipping/handling, installation and operation without distortion or damage..
 6. Hinged doors 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. Hinged rear door or removable bolted panel shall provide access to bus compartment.
 7. Enclosures shall be constructed of smooth finished sheet metal/ with sufficient structural requirement to ensure a plane surface, to limit vibration to provide rigidity.
 8. 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.
 9. The arrangement of equipment shall in no case prevent satisfactory performance/and shall allow sufficient space for proper maintenance within the structure.
 10. The panel front/top and sides shall be made from minimum 2mm thick hot rolled steel plate. Panel frame shall be fabricated from minimum 2mm thick steel sheet.
 11. Each completed enclosures shall have provision for lifting and handling.
 12. The Circuit Breakers will be as specified in Bill of Quantities.
 13. The Circuit Breakers provided shall be along with technical brochures and manuals.
 14. MCCB Stands for Moulded Case Circuit Breaker.

