



No.UCG/Chemistry/04/2012

June 09, 2012

Subject: Tender for Moisture Analyzer.

Detail specifications of the subject items are as under:-

Sr. No.	Item Descriptions	Qty
1	<p>Moisture Analyzer (online) intrinsically Safe (For Raw Syn Gas)</p> <p>Specifications Temperature range 0 to 180 °C Pressure range 0 - 4 MPa Probe cable length 10 meters Probe diameter 13.5 mm/12 mm</p> <p>Installation</p> <p>Fitting body ISO1/2 solid structure Fitting body NPT1/2 solid structure Ball valve ISO 1/2 with welding joint</p> <p>Technical data Moisture Measurement range 0 -100 % Accuracy (including non-linearity, hysteresis, and repeatability) 180 or 180R for typical applications Response time (90 %) at +20 °C (+68 °F) in still air with grid filter 8 s / 17 s with grid + steel netting filter 20 s / 50 s with sintered filter 40 s / 60 s</p> <p>Operating environment It can be used in the stream of Raw Syn gas containing up to , 10% hydrogen sulfide , 50% carbon dioxide, 50% Carbon Monoxide Ammonia, Fly Ash, Carbon Soot and Tar Components.</p> <p>Inputs and outputs Analog outputs two-wire 4 - 20 mA, one standard, one optional RS232C serial output for service use connector type RJ45 Display two-line LCD</p> <p>Options and accessories Duct installation kit Mounting flange Ball valve ISO 1/2 with welding joint Dust classification (with protection cover) II 1 D (IP65 T=70 °C)</p>	3

- I. Blank tender forms can be collected from the office of Manager (Admin & Accounts), UCG Project Thar, upto 29-06-2012 at 12:00 Noon, during office hours after depositing the tender fee amounting to Rs.200/- (Non Refundable) in the shape of pay order in favor of Accounts Officer, UCG Thar Project, Islamkot.
- II. The tenders will be received backup to 30-06-2012 at 11:00 and will be opened on the same day at 12:00hrs in the presence of Purchase Committee and the bidders or their authorized representatives who wish to be present.
- III. 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.
- IV. 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.
- V. Amount of the tender is below Rs.01 Million.
- VI. Conditional tender and tender without bid security shall not be considered.
- VII. Delivery time will be 10 days starting after the issuance of supply order.
- VIII. GST/Income Tax Certificates, as the case may be, must be accompanied with the tender.
- IX. The procuring agency may 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.
- X. Tender envelope should bear the tender No. UCG/Chemistry/04/2012 **and Tender for Moisture Analyzer.**

Brig(R)
Farooq Ahmad Pasha
Principal Administrator (Tech)
UCG Thar Project Site,
C/O Manager,
National Bank of Pakistan
Islamkot.
Ph: 0232-923030