

# **GREATER CALCUTTA GAS SUPPLY CORPORATION LTD.**

(A GOVERNMENT OF WEST BENGAL ENTERPRISE)



**CORPORATE OFFICE** : 12A, PARK STREET,  
KOLKATA-700 071.

**REGD. OFFICE** : 14, CANAL WEST ROAD,  
KOLKATA-700 009.

**PHONE** : (033) 2350 4101/2/3, 2360 8298.

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: calgas.stores@hotmail.com

**TENDER DOCUMENT FOR "SUPPLY OF 1(ONE) JUNKERS GAS CALORIMETER (DIGITAL MODEL)  
COMPLETE IN ALL RESPECT WITH COMMISSIONING; DEMONSTRATION & TRAINING FOR THE  
DETERMINATION OF CALORIFIC VALUE OF GASEOUS FUEL (COAL GAS) AT GCGSCL  
LABORATORY,KOLKATA".**

**TENDER NO.** : GCG/PUR/ENQ/1744, DATED 25.5.2016.

**DUE DATE** : 08.6.2016, Up to 1.00 PM.

**COST OF TENDER DOCUMENTS: NIL.**



**GREATER CALCUTTA GAS SUPPLY CORPORATION LTD.**

(A Govt. of west Bengal Enterprise)

14, Canal West Road, Kolkata-700 009.

Phone: (033) 2360 8298; Fax: (033) 2350 5413/2249 9629; E-MAIL: [info@gcgsccl.org.in](mailto:info@gcgsccl.org.in)

**TENDER NO.: GCG/PUR/ENQ/1744, DATED 25.5.2016.**

Greater Calcutta Gas Supply Corporation Limited intends to procure ONE NO. JUNKERS GAS CALORIMETER (DIGITAL MODEL) COMPLETE IN ALL RESPECT WITH INSTALLATION, COMMISSIONING, TESTING, DEMONSTRATION & TRAINING FOR DETERMINATION OF CALORIFIC VALUE OF GASEOUS FUEL (COAL GAS) AT GCGSCL LABORATORY AT RAJABAZAR WORKS, KOLKATA under the given terms & conditions.

<b>Ref: Tender Number</b>	<b>: GCG/PUR/ENQ/1744, DATED 25.5.2016</b>
<b>Last Date &amp; Time of Submission of Complete sealed Tender</b>	<b>: 08.6.2016, Up to 1.00 PM.</b>
<b>Date &amp; Time of Opening of sealed Tender</b>	<b>: 08.6.2016, at 1.30 PM..</b>
<b>Venue of Opening</b>	<b>: Administrative Bldg., GCGSC Ltd., 14, Canal West Road, Kolkata-700 009.</b>

Intending bidders are requested to submit their SEALED BID complete in all respect for the supply of aforesaid instrument within the due date & time as per following terms and conditions:

**A. General Terms & Conditions:-**

- I) Complete tender documents may be downloaded from websites [www.tenders.gov.in](http://www.tenders.gov.in) and [www.gcgsccl.org.in](http://www.gcgsccl.org.in) or may be collected personally on any working days up to 2:00 PM from our material section at Rajabazar works.
- II) Please send your detailed & complete techno-commercial bid in **sealed Envelope within the prescribed time limit** addressed to the **Asst. Manager (Materials), GCGSC Ltd., 14 Canal West Road, Kolkata-700 009, West Bengal, India**. Do write Tender No. , Last Date & Time of submission of complete sealed bid on the top of the envelope for quick disposal
- III) **Price Basis:** Must be on F.O.R Stores, 14 Canal West Road, Kolkata-700009 basis including unloading at our end. **The price should also include charges for installation, commissioning, testing, demonstration & training at registered office of GCGSCL and all applicable charges** (Excise duty, Cess, VAT/CST, Freight, Surcharge, Insurance, Octroi, Packing & Forwarding etc if any. Please note that CST will be full, as we do not issue Form-C/D) **including discount, if any**. The quoted rate should be firm during the entire period of validity. Escalation of price on any ground shall not be entertained under any circumstances. TDS shall be deducted as per rule.

- IV) **Delivery Schedule:** Delivery & Installation must be completed within 8 weeks from the date of placement of order.
- V) **Payment Terms:** 50% of the P.O. Value will be released as advance after placement of order against your Proforma Invoice and balance 50 % will be handed over to the technician/authorised representative after successful Installation/commissioning of the instrument.
- VI) **Relevant Technical Catalogue/CD/Manual:** Latest & detailed SOP of Product / technical catalogue / brochure/data sheet/CD/Installation manual must be enclosed along with the Offer/Product.
- VII) **Validity:** Offers should be valid for a period of 120 days from the Date of opening of the offers.
- VIII) **Consignee:** Materials will have to be consigned to GCGSC Ltd, 14, Canal West Road, Kolkata-700009.
- IX) **Short / Defective supply:** Suppliers will be responsible for any short and or defective supply of items/materials etc., if it is found that the items/materials supplied are not matching with the description / specification / quality /quantity to match the end application as mentioned in our Purchase Order/Drawing etc. The defective or wrongly supplied items/materials need to be replaced free of cost within 2 weeks by the suppliers and the cost incurred in this connection will be borne by the suppliers.
- X) **Inspection:** The instrument as a whole will be inspected at our end after successful installation /commissioning and during trial/test runs.
- XI) **Price Reduction Schedule for Delays in delivery/completion of order:** Price reduction schedule for delay in delivery beyond contractually agreed schedule shall be @1% of undelivered portion of order value per week of delay or part thereof to a ceiling of 10% of order value. Once 10% is reached, the order is liable for termination.
- XII) **Force Majeure:** The term “Force Majeure” as employed herein shall mean Acts of God, War, Riots, Revolt, Fire, Flood and Acts, and regulations of respective Governments of the two Parties, namely the Buyer and the supplier. If supply is suspended due to Force Majeure conditions lasting for more than two weeks, then the Buyer shall have the option of cancelling or terminating the Order in whole or part thereof at Buyer’s discretion without any liability at its part.
- XIII) **Warranty:** The supplier/manufacturer shall warrant that the materials/equipment supplied are free from any defects and faults in material & workmanship and conform in all respects to the specifications of our requirements mentioned in this tender. Necessary warranty certificate from the manufacturer/OEM duly certified by the supplier/dealer/distributor/agent will have to be provided during delivery. The supplier shall also ensure that the materials to be supplied under this tender will be new and unused (not re-conditioned) and of recent make. The period of warranty should be 12 months from the date of successful commissioning, demonstration, training & trial run OR 18 months from the date of supply whichever is earlier.

In case of any defect/deficiency/shortcomings etc. in the performance of the instrument/equipment, the same will be replaced/attended/set right ‘ONSITE’ free of cost during the period of warranty. It should be attended to by your authorized representative/technician within a reasonable period of 2 weeks from the date of lodging the complaint.

In no circumstances, GCGSC Ltd will bear any additional cost within the warranty period. If the supplier, during warranty period, fails to repair/replace the instrument/equipment for non-performance

/satisfactory performance of the same within the reasonable period, then the supplier is liable to extend the warranty period by equivalent period of non-performance.

- XIV) **Performance Guarantee:** The supplier shall also guarantee the proper performance of the equipment to meet the intended purpose during the warranty period.
- XV) **Breach of Contract:** Techno-commercial offer containing the brand / make / specification of materials must be the same as that will be supplied if order is placed / executed, failing which order will be cancelled with immediate effect with forfeiture of earnest money deposited by the supplier. Any resulting loss, as decided by the purchaser, caused upon this breach of contract, will be reimbursed from the supplier/s.
- XVI) **Dispatch Documents:** Dispatch documents shall consist of following:
- Commercial Tax Invoice (in triplicates).
  - Excise Certificate / Excise Gate Pass / Excise Invoice (in duplicate), if any.
  - Delivery Challan / receipted consignment Note-GR (in triplicates).
  - **Manufacturer's Factory Test certificates.**
  - **Installation manual/Operating manual/CD/ Data sheet.**
  - **Warranty Certificate.**
  - **Performance Guarantee Certificate**
  - Way-Bill/s.
  - Service Centre details in Eastern India preferably in Kolkata.
- XVII) **Scope of Work:** Supply & installation of One Junkers Gas Calorimeter (Digital Model) Complete in all respect with Commissioning, Demonstration & Training for determination of Calorific Value of Gaseous Fuel (Coal Gas) at GCGSCL laboratory at 14, Canal West Road; Kolkata – 700 009.
- XVIII) **Specifications:** The Junkers Calorimeter should measures the Calorific Value of gaseous fuel) Coal Gas) from 120 B.Th.U. to 3000 B.Th.U. (1000-26000 K. Calorie/M<sup>3</sup>).
- XIX) **Bill of Quantity:** One(1) number Junkers Calorimeter complete in all respect consisting of Pressure Governors , Gas Flow Meters, Unbreakable Measuring Jars, Digital Temperature Indicators (with PT100 sensors), Flexible tubing (at least 4 meters of good quality material),Bunsen burner: 2 nos. (Set with different flow rate nozzles), Stainless steel Tripod stand, Copper heat exchanger tubes etc. Powder coating should be done on appropriate apparatus.
- XX) **Installation, Demonstration & Training:** The supplier is required to install & demonstrate the process of evaluation of calorific value of coal gas at GCGSCL laboratory within the limiting value of error as per standard and also required to impart training for a period of 2 days to the GCGSCL personnel regarding its usage after successful installation, commissioning & testing. Prior intimation must be given to us about the itinerary of the technician. Onsite test report f the equipment must be submitted showing the value of both the CV of gas & error %, if any.
- XXI) **Packing & Transportation:** The calorimeter should be adequately packed with clear markings on the package to avoid any damage from environment & external objects. Appropriate transportation/carriers should be selected for safe & sound transportation & unloading.

- XXII) The authority of GCGSCL reserves the right to cancel the Tender or issue corrigendum notices to the tender due to unavoidable circumstances and no claim in this respect will be entertained.
- XXIII) Complete tender documents & each bid document submitted by the bidder shall be duly authenticated by an authorised officer of the Firm through his signature with date and official seal. All corrections, editing, alterations etc. in the bid document should be authenticated by initials.
- XXIV) The Bidder shall bear all cost associated with the preparation, submission, clarification, presentation etc. of the bid. Nothing on this account will be paid by GCGSCL.
- XXV) Prospective bidder requesting for any clarification of the bid / tender document may notify not later than three working days prior to the last date for receipt of bid prescribed, in writing at GCGSCL mailing address. GCGSCL will respond in writing (preferably through email) to any request for clarification of the tender document if received within the time limit as mentioned above.
- XXVI) The bidder must furnish their valid contact numbers and email id.
- XXVII) The authority of GCGSCL reserves the right to reject any or all bids / or accept or reject any or all the offers and also to cancel the entire bidding process all together without assigning any reason whatsoever and is not liable to pay any cost that might have been incurred by any bidder at any stage of bid.
- XXVIII) **The bidder is to quote the total amount in figures and as well as in words in the price schedule (Financial Bid) of the bid document and nowhere else.**
- XXIX) **CHECK LIST:** Please ensure your bid covers the following by furnishing: a) Offer with clear demarcation with tender no. & date, b) Service Centre Detail & c) Details of offered items/ accessories etc.
- XXX) **Specific Price Schedule:**

SI No	Description of Job/Supply	Unit	Quoted Amount (INR)
<b>01</b>	One(1) number Junkers Calorimeter complete in all respect consisting of Pressure Governors , Gas Flow Meters, Unbreakable Measuring Jars, Digital Temperature Indicators (with PT100 sensors), Flexible tubing (at least 4 meters of good quality material), Bunsen burner(Set with different flow rate nozzles), Stainless steel Tripod stand, Copper heat exchanger tubes etc. with Powder coating done on appropriate apparatus for measurement of CV of coal gas in the range of 1000-26000 K. Calorie/M <sup>3</sup>	<b>01 No</b>	
<b>Total Quoted Amount in Words:</b>			