



REPLY TO BIDDERS' QUERIES

| Bid Document for the Annual Rate Contract for the Procurement of Normal Diaphragm Gas meter G1.6 for Kanpur, Ummao, Bareilly & Jhansi | | | | | Bid Document No.: CUGL/C&P/1EN2425/18 dated 09.07.2024 (NIC Tender ID: 2024_CUGL_200822.1) | |
|---|----------------------------|---------------|------------------------------------|---|---|---|
| Sr. No. | Section | Page No. | Clause No. | Subject | Bidder's Queries/ Observation/Comments | CUCL Response |
| 1 | 89 of commercial volume | SCC clause 5 | Delivery Schedule | Delivery of material shall be affected at CUGL designated Site/Stores at Kanpur, Ummao, Bareilly and Jhansi. Separate Invoices and other relevant dispatch documents shall be raised for these storage locations. | Kindly provide totewise quantity for Kanpur, Ummao, Bareilly and Jhansi. | The delivery shall be lot wise as stated in tender. For a lot 10,000 Nos, the quantity and delivery location shall be as follows: 1. Kanpur - 5,000 Nos. 2. Bareilly - 3,000 Nos. 3. Jhansi - 2,000 Nos. |
| 2 | 89 of commercial volume | SCC clause 5 | Delivery Schedule | Delivery of material shall be affected at CUGL designated Site/Stores at Kanpur, Ummao, Bareilly and Jhansi. Separate Invoices and other relevant dispatch documents shall be raised for these storage locations. Delivery period - First lot shall be within (8) Eight weeks from the date of FOI/ Intimation from CUGL. Delivery of subsequent lot shall be made within 8 (eight) weeks from Intimation from CUGL. Quantities for 1st lot and subsequent lots - First lot quantity shall be 10,000 nos. Remaining quantity shall be supply in multiple lots by bidder on the intimation of CUGL. The gap between placements of two Call-out orders shall be minimum 2 weeks. Basis of Delivery - The basis of delivery shall be FOT, CUGL store (Domestic Bidder) | Since, overall tender city is only 20K nos and total no of CA are 4. For freight calculation purpose bidder needs to know the location wise quantity breakup and lot wise details for dispatch as small lot qty attracts higher freight charges. Please confirm. Bidder further request request that all meters shall be picked up in 1 lot rather than in multiple lots | The delivery shall be lot wise as stated in tender. For a lot 10,000 Nos, the quantity and delivery location shall be as follows: 1. Kanpur - 5,000 Nos. 2. Bareilly - 3,000 Nos. 3. Jhansi - 2,000 Nos. |
| 3 | 89 of commercial volume | SCC clause 5 | Delivery Schedule | 5.2 Quantities for 1st lot and subsequent lots | Bidder understand has the clarity for the 1st lot. We request you to kindly share us approx. Lot size (Quantity) for subsequent lots for Freight. | The delivery shall be lot wise as stated in tender. For a lot 10,000 Nos, the quantity and delivery location shall be as follows: 1. Kanpur - 5,000 Nos. 2. Bareilly - 3,000 Nos. 3. Jhansi - 2,000 Nos. |
| 4 | 89 of commercial volume | SCC clause 5 | Delivery Schedule | 5.3 Basis of Delivery | We request you to kindly share us the address of all the stores for freight. | The address for delivery location shall be shared at the time of dispatch. |
| 5 | 92-93 of commercial volume | SCC clause 15 | Payment Terms | 90% (Ninety percent) payment within 15 days on receipt of goods at site along with following dispatch documents: i) Invoice in triplicate ii) Inspection Release Note / Manufacturer's Test Certificates. iii) CR / LR (W) Packing List iv) Insurance cover note covering transit insurance v) Performance Bank Guarantee(s) of 3% of Contract Value. If already submitted, a copy of the same. vi) A certificate from manufacturer that the all items/ equipment under supply including isz component or raw material used with manufacturing are new and conform to the tender requirement. In case manufacturer is not the contractor this certificate will duly be endorsed by the contractor owning overall responsibility. 10% (ten percent) within 30 (thirty) days after receipt and acceptance of goods at site and receipt of following document: i. No Claim Certificate. | Kindly consider - 100% of the Contract Price shall be paid within thirty (15) days after receipt of material and final documents along with NDC | Tender Condition Prevails |
| 6 | 48 of commercial volume | 18 | Incidental | 18.0 Incidental 18.1 The supplier may be required to provide any or all of the following Services: 18.1.2 Furnishing tools required for assembly and/or maintenance of the supplied Goods. | We understand that the requirement is for G1.6 mechanical diaphragm gas meter and no other services like installation, commissioning are required / in the scope of us; hence tools are not required to be supplied. Kindly confirm | Installation and Commissioning shall not be in the scope of bidder. However, if any specialised tool, fittings etc. would be required for proper installation and commissioning thereof, the bidder has to supply the same. |
| 7 | 49 of commercial volume | 19 | Spare Parts Maintenance Lubricants | 19.0 Spare Parts Maintenance Lubricants | We understand that the requirement is for G1.6 mechanical diaphragm gas meter. Our G1.6 mechanical diaphragm gas meter is maintenance free and hence does not require any spare parts for on site maintenance. Kindly confirm | Installation, Commissioning and maintenance shall not be in the scope of bidder. However, if any specialised tool, fittings, lubricants etc. would be required for proper installation, commissioning and maintenance thereof, the bidder has to supply the same. |
| 8 | 10 of Technical Volume II | 2 | SCOPE | The scope of work shall cover supply, design engineering, documentation, manufacturing, testing, inspection, preparation for shipment and transportation of the Diaphragm type domestic gas meters for Automated Meter Reading system as per this technical specification along with national / international standards specified. | We will supply the Domestic Diaphragm gas meter (G1.6) without AMR and compatible for Automated Meter Reading (AMR). Please confirm | KINDLY NOTE THAT METER SHALL BE SUITABLE FOR RETROFITTING OF AMR IF CLIENT REQUIRED TO UPGRADE IN FUTURE WITH AMR |
| 9 | 13 of Technical Volume II | PTS 7 | DATA SHEET | Process Condition: Pressure loss - <2mbar-g | Request to change the Pressure loss value from < 2 mbar to < 2 mbar | Tender Condition Prevails |
| 10 | 13 of Technical Volume II | PTS 7 | DATA SHEET | Body: Corrosion protection over Body - Corrosion protective coating effective life span of 20 | Our meters body is corrosion resistant. We are follow EN 1359 :2017 Standard, Kindly accept for the same. | Tender Condition Prevails |
| 11 | 13 of Technical Volume II | PTS 7 | DATA SHEET | Body- Case/ Body Steel/Aluminum alloy | Our G1.6 mechanical diaphragm gas meter Body - Case is made of CRCA steel and same is acceptable. Kindly confirm | Tender Condition Prevails |



| Bid Document for the Annual Rate Contract for the Procurement of Normal Diaphragm Gas meter G1.6 for Kanpur, Unnao, Bareilly & Jhansi | | | | Bid Document No.: CUGL/C&P/TEN2425/18 dated 09.07.2024 (NIC Tender ID: 2024_CUGL_200822.1) | | |
|---|---------------------------|---------------|----------------------------------|--|---|---|
| Sr. No. | Section | Page No. | Clause No. | Subject | Bidder's Queries/ Observation/Comments | CUGL Response |
| 12 | 13 of Technical Volume II | PTS 7 | DATA SHEET | Body- Corrosion protection over Body Corrosion protective coating effective life span of 20 years | Our G1.6 mechanical diaphragm gas meter Body - is duly powdercoated to protect from corrosion and meets requirement of EN1359 as well as meter needs to be protected from direct rain/waterflow after installation. Kindly accept | Tender Condition Prevails |
| 13 | 14 of Technical Volume II | PTS Clause 7 | DATA SHEET | MIU: IP65 or better as per IEC 60529 | Bidder understand that the tender is requirement of Post-Paid Meter and MIU is not in scope. Kindly Confirm | Bidder Understanding is correct |
| 14 | 15 of Technical Volume II | PTS Clause 7 | DATA SHEET | Cyclic Volume | It is evident that higher number of revolutions in lower cyclic volume design gas meters as compare to Cyclic volume 1.2 litre, the moving parts of the internal gas measuring mechanism make higher noise which increases with increase rotation & wear and tear of these parts. This eventually deteriorate the performance and Longevity of the product. We understand that once meters are installed in the field, it operates for years. So, standardization for this parameter with cyclic volume as 1.2 Liter will give 2 advantages 1) Improves Longevity of the Meters in field 2) Brings all manufacturer on the same platform for competition. We request CUGL to consider the Cyclic Volume to be 1.2 Litre only. | SHALL BE AS PER TERMS & CONDITIONS OF TENDER AND GOVERNING STANDARD |
| 15 | 15 of Technical Volume II | PTS Clause 8 | SPECIFICATION FOR RFID TAGS | Radio Frequency Identification (RFID) chip shall be installed on each gas meter for RFID controlled inventory | Bidder understand that RFID requirement is a typo error-Requesting CUGL to please confirm. | Tender Condition Prevails |
| 16 | 15 of Technical Volume II | PTS Clause 7 | DATA SHEET | Reverse Flow Restrictor-Meter shall be equipped with prevention of reverse rotation of index. | Bidder requesting CUGL to made mandatory requirement of Reverse flow restrictor along with the reverse count restrictor. Which should be provided with each meter as per EN1359/2017 standard-1. Meter to prevent the registration of reverse flow or reverse rotation of index which is mentioned in clause number 6.6.4 in EN1359/2017.2. Meter to prevent reverse flow which is mentioned in clause number 6.6.5 in EN1359/2017. We agree to provide both important features (Reverse flow restrictor & Reverse count restrictor) in our meter. Kindly confirm that our understanding (Supply of inbuilt Reverse flow & reverse count restrictor) is correct as per above mentioned clause of EN 1359. Kindly confirm | Tender Condition Prevails |
| 17 | 16 of Technical Volume II | PTS Clause 8 | SPECIFICATION FOR RFID TAGS | Operation Temperature -40 to +85°C | We will provide the RFID tag having operating temperature is -20 to +70°C. Please accept | As per governing standard. |
| 18 | 17 of Technical Volume II | PTS Clause 10 | TECHNICAL EVALUATION REQUIREMENT | DOCUMENTS TO BE SUBMITTED AT THE TIME OF BIDDING Calibration certificate | Bidder understand CUGL wants a sample calibration certificate at the time of bidding, as original calibration certificate can be produce at the time of Manufacturing only. Requesting CUGL to please confirm. | Tender Condition Prevails |
| 19 | 17 of Technical Volume II | PTS Clause 10 | TECHNICAL EVALUATION REQUIREMENT | DOCUMENTS TO BE SUBMITTED AT THE TIME OF BIDDING The bidder shall submit following documents: Battery life calculation | We understand that the requirement is for G1.6 mechanical diaphragm gas meter and does not need any power during functioning, hence battery life calculation is not required. Kindly confirm | Bidder Understanding is correct |
| 20 | 17 of Technical Volume II | PTS 11 | STATUARY CERTIFICATIONS | 11.4 PESO/CCOE certificate electrical/electronic items conforming to Zone2, IIB shall be provided along with the bid and supply, notwithstanding which, bid shall be liable for rejection. | We understand that the requirement is for G1.6 mechanical diaphragm gas meter and does not have any electronics attached to it, hence PESO/CCOE certificate electrical/electronic items conforming to Zone2, IIB is not applicable. Kindly confirm | Bidder Understanding is correct |
| 21 | 17 of Technical Volume II | PTS 11 | STATUARY CERTIFICATIONS | MID B & D Certificates | Bidder requesting CUGL to please make the MID B and MID D as a mandatory requirement. MID B is for the design of the product and MID B certifies the Production and Quality capability as per EU/2014/32 requirements. Having MID B and MID D certification, it ensure that manufacturer is capable of having robust design and production & Quality facilities to meet the desired level of accuracy of Meters. Which is very important as far as C&D end consumers are concerned. Bidder requesting again to make MID-B and MID-D certifications as mandatory requirement. Kindly accept. | Tender Condition Prevails |
| 22 | 16 of Technical Volume II | PTS 12 | INSPECTION AND TESTING | The SUPPLIER shall provide calibration certificate and accuracy at MAOP of the Domestic Diaphragm Meter for the following flow rates (As per EN 1359): QMIN 0.1 QMAX QMAX | As per the standard and industry practice the accuracy testing is being done at operating pressure (20 to 30 mbar) and not at MAOP, where as leak testing will be done at 1.5 times of MAOP - Max allowable operating pressure (0.5 bar X 1.5= 0.75 bar). Pl. Accept | Tender Condition Prevails |



Bid Document for the Annual Rate Contract for the Procurement of Normal Diaphragm Gas meter G1.6 for Kampur, Unnao, Bareilly & Jhansi

Bid Document No.: CUGL/C&B/TEN2425/18 dated 09.07.2024 (NIC Tender ID: 2024_CUGL_200822-1)

| Sr. No. | Section | Page No. | Clause No. | Subject | Bidder's Queries/ Observation/Comments | CUGL Response |
|---------|---------------------------|------------|------------------------|--|--|---------------------------------|
| 23 | 17 of Technical Volume II | 12 | INSPECTION AND TESTING | Accuracy test report for individual meter, as per Technical Specification and specified code for 100% material, at the time of final inspection of each supply lot of material. | We will provide the internal leakage test report and consolidated accuracy report along with critical component like steel used for mig of casings with specified (batch) code during final inspection of each supply lot of material. Please confirm | Tender Condition Prevails |
| 24 | 17 of Technical Volume II | 12 | INSPECTION AND TESTING | Review of calibration certificates for all the measuring instruments at the time of inspection, i.e., used for checking and testing, along with the Master calibration certificate of the measuring instruments from which the instruments is calibrated. | As per our understanding, we use the sonic nozzle as the master, and hence the calibration certificate of the sonic nozzle will be submitted as the master certification during TPI. Please accept. | Tender Condition Prevails |
| 25 | 17 of Technical Volume II | 13 | MARKING | Each gas meter shall be marked in legible characters, which are permanently visible in accordance with BS EN 1359:1999+A1 Amendment 2006 or latest Gas temperature range [°C]. | The Ambient & Gas Temperature range to be defined on name plate which is -25°C to +55°C and same is acceptable as per data sheet | Tender Condition Prevails |
| 26 | 17 of Technical Volume II | PTS 13 | MARKING | ATEX Marking as per directive 94/9/EC on the Electrical / Electronic device or module certified. | We understand that the requirement is for G1.6 mechanical diaphragm gas meter and does not have any electronics attached to it; hence ATEX Marking as per directive 94/9/EC is not applicable. Kindly confirm | Bidder Understanding is correct |
| 27 | 18 of Technical Volume II | 15 | PACKING AND SHIPMENT | Supplier shall mention the Packing size to ensure uniformity in delivery conditions of the material being procured. SUPPLIER shall submit the packaging details during offer and also comply with at the time of delivery. The calibration certificates of each item shall be enclosed within the package box. Each package box shall be tagged with the purchase order number (Unique identification is required). The package box shall be suitable for INLAND transport or seaworthy (if imported). Necessary precautions and pre-requisites shall be considered by supplier for package delivery to the concern client site / location / workshop. | We will provide consolidated calibration certificate/report for all supplied gas meter in scanned/pdf copy during dispatch and all other information to be mentioned in Operating manual (hard copy) with in the master box. Please accept. | Tender Condition Prevails |
| 28 | 20 of Technical Volume II | Sl. No.1&2 | QAP | Point no. 1 & 2 Test: External leak tightness /external soundness test Ref. Doc. & Clno. : BS EN 1359:1999 Clause No. 6.2.2 | External leak/soundness test comply as per BS EN 1359-2017 Clause No.6.3.3. Kindly confirm | Tender Condition Prevails |
| 29 | 20 of Technical Volume II | Sl. No.2 | QAP | External Soundness Test Ref. Doc. & Clno. : BS EN 1359:1999 Clause No. 6.2.2 | While referring the Standard BS EN 1359:2017, we have no such test as external soundness test. We request to guide us with the clause in the standard, under which this test needs to be witness. If not applicable, we request to kindly discard this requirement. | Tender Condition Prevails |
| 30 | 20 of Technical Volume II | Sl. No.8 | QAP | Verification of casing thickness recorded against resistance to internal pressure test (type test report) Extent / Quantum of Check - 1 No. per each batch of casing material | The scope of TPIA "W/R" will be replaced with "R" and the quantum of check should be zero, as this is a type test. The type test report will be submitted during the inspection by TPIA. Please confirm. | Tender Condition Prevails |
| 31 | 20 of Technical Volume II | Remarks | QAP | 100% Inspection by Manufacturer and 5% Inspection by TPI | We will do "100% Perform by Manufacturer" and "Witness" as per sampling plan by IS 2500(Level -S3,AQL-0.25). Please confirm | Tender Condition Prevails |
| 32 | 20 of Technical Volume II | Remarks | QAP | 100% Inspection by Manufacturer and 5% Inspection by TPI | Bidder agrees to perform 100% inspection as a manufacturer and will also submit the evidence for the same. we request CUGL to kindly consider the CGD industry standard practice for inspection quantity as 1%. | Tender Condition Prevails |
| 33 | 20 of Technical Volume II | Sl. No.6 | QAP | Visual Inspection: Pressure Test Point - Under the Scope (TPIA/Client) it is mentioned as W | Request you to mention the Scope (TPIA/Client) as R instead of W. Please confirm | Tender Condition Prevails |
| 34 | 20 of Technical Volume II | Sl. No.7 | QAP | Mechanical & chemical properties of Body Casing - Under the Scope (TPIA/Client) it is mentioned as W. | Request you to mention the Scope (TPIA/Client) as R instead of W. | Tender Condition Prevails |
| 35 | 20 of Technical Volume II | Sl. No.8 | QAP | Verification of casing thickness recorded against resistance to internal pressure test (type test report) - Verification to be done by using standard thickness measurement instrument. (tolerance of ±0.05 mm) | Since it comes under type test. Request you to mention the Scope (TPIA/Client) as R instead of W. Please confirm | Tender Condition Prevails |
| 36 | 20 of Technical Volume II | Sl. No.3 | QAP | The Vendor shall provide calibration certificate and accuracy at MAOP of the Domestic Gas Meter for the following flow rates (As per EN 1359 latest / OIML): QMIN 0.1QMAX QMAX | Globally, Calibration and Accuracy Testing is not done at 0.1 Qmax as it the point where the accuracy of error curve changes from +/- 1.5% to +/- 3%. Hence the better testing point is the next test point which is 0.2 Qmax, at which Globally all labs do the calibration and accuracy testing. Hence, bidder requesting CUGL to consider the below points for calibration and accuracy test- Qmin 0.2 Qmax Qmax Kindly confirm that test at Qmin, 0.2Qmax, Qmax shall be acceptable. | Tender Condition Prevails |
| 37 | 21 of Technical Volume II | QAP | QAP | 11) After satisfactory inspection, TPIA to apply their mark (stamp / sticker / embossing etc.) on each gas meter for testing. TPIA has also to apply their mark with unique identification (e.g. stickers which cannot be removed / embossing / stamp along with details such as batch no., date of manufacture, serial no.) on the outer box / gummy bags carrying the inspected materials after verifying the information mentioned in the CUGL Tender Specification. | We understand the marking or stamping to be done by TPIA on TPIA sample meter box from which the sample meter is collected. Kindly Confirm | Tender Condition Prevails |





| Bid Document for the Annual Rate Contract for the Procurement of Normal Diaphragm Gas meter CI.6 for Kaupur, Umnao, Bareilly & Jhansi | | | | | Bid Document No: CUGL/C&P/TEN2425/18 dated 09.07.2024 (NIC Tender ID: 2024_CUGL_210822L1) | |
|---|---------|----------|------------|--|---|---------------------------|
| Sr. No. | Section | Page No. | Clause No. | Subject | Bidder's Queries/ Observation/Comments | CUGL Response |
| 38 | | | | Consideration of NABL Accreditation | To further reinforce trust in the quality of the products procured, we recommend the inclusion of NABL accreditation as a requirement. This accreditation signifies that the manufacturer operates testing laboratories in compliance with NABL standards, providing an additional layer of assurance on product quality. | Tender Condition Prevails |
| 39 | | | | Inclusion of "BIS Certification" Requirement | We propose the inclusion of "BIS certification" as a mandatory criterion in future tender terms for domestic diaphragm gas meters. This certification will enable the participation of manufacturers with proven quality standards, facilitating the procurement of robust products. | Tender Condition Prevails |

Bidder are required to submit the "REPLY TO BIDDER'S QUERIES" alongwith the bid duly signed & stamped.


 23/07/2024

 23/07/24