

COMMERCIAL CORRIGENDUM#1**TO****BIDDING DOCUMENT**

BIDDING DOCUMENT NO. : MEC/23TS/01/51/S2/SM/SU/0007

SUBJET OF BIDDING DOCUMENT : DOMESTIC GAS METERS WITH SMART SYSTEM COMPATIBILITY & SMART COMMERCIAL METERS

The terms and conditions of the Bidding Document stands modified to the extent indicated below and all other terms and conditions of the Bidding Document remains unaltered:

Sn. No.	PART of Bidding Document	Section	Page No.	Clause No.	Clause Description	Additions / Deletions / Modifications
1.	I, II & III	Tender Document	-	-	Scope of Work	GROUP B “SMART COMMERCIAL METERS” stands deleted from the scope of work of this Tender. All clauses related to GROUP B “SMART COMMERCIAL METERS” shall be treated as Void.
2.	I	IFB SECTION-II	11 to 16	A, B & C	BID EVALUATION CRITERIA	i) Clause no. A 1.5, B 2.1 & B 2.3 Group B criteria stands deleted. ii) Clause no. A 1.7 criteria stand deleted.
3.	I	ITB ANNEXURE-IV	80	26 of GCC	BIDDING DATA SHEET (BDS) - Price Reduction Schedule for	The following provision is added in the referred clause of GCC: “In case of delay in delivery of SMART METERS beyond the contractual delivery period PRS will be

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					Delayed delivery	<p>applicable. PRS will be @½% (half percent) per complete week of delay or part thereof for the unsupplied portion of that particular delivery LOT for item no. A.1.0, subject to maximum of 5% of the total order value.</p> <p>For PRS purpose the date of delivery at FOT site, Bengaluru”</p>
4.	I	SCC	2 & 3	4.0	COMPLETION SCHEDULE	<p>Delivery of the total order will be completed progressively within one (1) year from date of Fax of Acceptance (FOA).</p> <ul style="list-style-type: none"> The delivery will be LOT wise wherein 25% of item No. A.1 of the Price Schedule ordered quantities will be delivered every three (3) months so that the total 100% of the ordered item quantity is supplied within one (1) year. <p><i>In case of exigency GGPL / MECON reserves the right to prepone (after six months from the date of FOA) or postpone the delivery of the quantity. However, on intimation of readiness, the supplier shall deliver the quantity within three months from the date of intimation. This provision, if exercised, shall supersede the requirement of delivery mentioned in the preceding para.</i></p>
5.	I	SCC	3	5.0 (5.1 & 5.2)	FOR AUTOMATED METERING READER SYSTEM (AMR):	DELETED

Sn. No.	PART of Bidding Document	Section	Page No.	Clause No.	Clause Description	Additions / Deletions / Modifications
6.	I	SCC	7 & 8	1.0 - (1.1.1, 1.1.2 & 1.2)	TERMS OF PAYMENT	<p>For Group A (DOMESTIC NATURAL GAS METERS COMPATIBLE FOR SMART METERING):</p> <p>a) For Indian Bidders only:</p> <p>100 % (Hundred percent) payment of the supplied portion along with all taxes, duties and freight will be paid on receipt & acceptance of goods at FOT site after adjustment of PRS, if any along with submission of following documents: -</p> <ul style="list-style-type: none"> i) Invoice in triplicate ii) Inspection Release note by approved agency. iii) Original GR / LR iv) Packing List <p>b) For Foreign Bidders only</p> <p>100 % (Hundred percent) of the supplied portion will be paid on receipt & acceptance of goods at FOT site after adjustment of PRS, if any through an irrevocable, unconfirmed letter of credit and on submission of shipping documents required as per Packing, Marking, Shipping and Documentation Specification for Imported Materials viz..</p> <ul style="list-style-type: none"> i) Invoice in triplicate ii) Inspection Release note by approved agency. iii) Clean Bill of Lading iv) Packing List v) Country of Origin Certificate vi) Bill of Entry

Sn. No.	PART of Bidding Document	Section	Page No.	Clause No.	Clause Description	Additions / Deletions / Modifications
7.	III	Price Schedule (Domestic & Foreign Bidders)	-	-	Price Schedule (Domestic & Foreign Bidders)	Revised Price Schedule(s) for Domestic Bidder and Foreign Bidder are enclosed as Enclosure-I
8.	III	Technical Specification	-	-	Technical Specification	<p>The tender is limited to Supply of Domestic Meters compatible for Smart Metering. The Commercial Smart Meters are deleted.</p> <p>Hence, the scope & specification related to smart commercial meters including its AMR/MIU unit, metering server, communication services shall stand deleted.</p> <p>However, it may be noted that scope (including TPIA services) & specifications pertaining to domestic meters (compatible for implementing smart metering system) appearing in common clauses of tender document shall stand valid and is to be considered</p>

Note: This Corrigendum shall form an integral part of the bidding document and shall be signed/stamped and submitted along with the bid.

(STAMP & SIGNATURE OF BIDDER)



PRICE SCHEDULE (Domestic)

PROJECT : CITY GAS DISTRIBUTION AT EAST & WEST GODAVARI DISTRICTS

ENCLOSURE I

ITEM : DOMESTIC GAS METERS WITH SMART SYSTEM COMPATIBILITY & SMART COMMERCIAL METERS

Bid Document No. MEC/23TS/01/51/S2/SM/SU/0007

CLIENT : GODAVARI GAS PRIVATE LIMITED

In Rupees

Item Nos.	DESCRIPTION	Unit	QTY	Harmonized System Nomenclature (HSN) code	Unit Price (INR)							Total FOT - delivered at site, price per unit including Packing & forwarding, GST, Inland transportation charges, transit insurance, unloading, stacking etc.	
					Unit Ex-works Price including Packing & Forwarding but excluding Inland Transportation upto FOT site	Unit Inland transportation charges upto FOT delivered at site including transit insurance, unloading & stacking at site etc. & other costs incidental to delivery of goods	GST (CGST & SGST/UTGST or IGST) on the finished goods and inland transportation etc. Applicable on Col. (6 +7)		Unit FOT - delivered at site, price per unit including Packing & forwarding, GST, Inland transportation charges, transit insurance, unloading, stacking etc.		Total FOT - delivered at site, price per unit including Packing & forwarding, GST, Inland transportation charges, transit insurance, unloading, stacking etc.		
							(INR)	(INR)	%	(INR)	Amount (INR)	Amount in words (INR)	Amount (INR)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) (a)	(8) (b)	(9) = (6 + 7 + 8(b))	(10)	(11) = (4 x 10)	(12)	
GROUP-A	DOMESTIC NATURAL GAS METERS COMPATIBLE FOR SMART METERING (Work as defined and as per technical specification & data sheets)												
	Design, detail engineering, manufacturing, assembly, supply, factory testing, inspection (as defined in specification) of Domestic Natural Gas Meters compatible for Smart Metering, including marking, packing, forwarding, insurance, handling, transportation, loading / unloading at sites / designated store, documentation. The above activities complete in all aspects, as per Technical Specification.												
A.1	Domestic meter G1.6 (design pressure upto 200mbar) for Left side inlet & Right side outlet, having facility / provision to install MIU / AMR in future and make the meter compatible for Smart Metering.	Nos.	50,000										

- Note:**
- 1 The Bidder to indicate the Harmonized System Nomenclature (HSN) code / Services Accounting Codes (SAC) against each item.
 - 2 Price Schedule filled with price should be submitted with the PRICE BID only
 - 3 Refer TIME OF COMPLETION clause no. 4 of SCC.
 - 4 If any of the above is left blank, the same will be considered as included in the Total amount.
 - 5 Basis of evaluation and placement of order shall be on lowest FOT Site basis (refer SECTION-II)

Bidders Signature:
Company's Name
Seal:

PRICE SCHEDULE (FOREIGN BIDDERS)

PROJECT : CITY GAS DISTRIBUTION PROJECT AT EAST & WEST GODAVARI DISTRICTS
 ITEM : DOMESTIC GAS METERS WITH SMART SYSTEM COMPATIBILITY & SMART COMMERCIAL METERS

ENCLOSURE - I

Tender document no. MEC/23TS/01/51/S2/SM/SU/0007
 CLIENT : GODAVARI GAS PRIVATE LIMITED

Country of Origin.....*

Foreign Port of Loading.....*

Item Nos.	DESCRIPTION	Unit	QTY	currency	Unit Price (please indicate currency at column (5))			Total Price excluding custom duty	Estimated Shipping Wt. & Vol. of each item	
					CIF Port of Entry	Customs clearing and Forwarding Charges at Port of Entry, Inland Transportation for all the imported items including transit insurance, loading, unloading at site etc. and applicable GST (CGST & SGST/UTGST or IGST) on these services	Total Unit Price excluding custom duty		Weight in KG	Volume (LxWxH)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = (6 + 7)	(9) = (4 x 8)	(10)	(11)
GROUP-A	DOMESTIC NATURAL GAS METERS COMPATIBLE FOR SMART METERING									
	Design, detail engineering, manufacturing, assembly, supply, factory testing, inspection (as defined in specification) of Domestic Natural Gas Meters compatible for Smart Metering, including marking, packing, forwarding, insurance, handling, transportation, loading / unloading at sites / designated store, documentation. The above activities complete in all aspects, as per Technical Specification.									
A.1	Domestic meter G1.6 (design pressure upto 200mbar) for Left side inlet & Right side outlet, having facility / provision to install MIU / AMR in future and make the meter compatible for Smart Metering.	Nos.	50,000							

Note:

- 1 CIF price should include packing & forwarding charges & documentation charges.
- 2 Basis of evaluation and placement of order shall be on lowest FOT Site basis (refer SECTION-II)

Bidders Signature:
 Company's Name
 Seal:

REPLY TO PRE-BID QUERIES

BIDDING DOCUMENT NO. : MEC/23TS/01/51/S2/SM/SU/0007
 SUBJECT OF BIDDING DOCUMENT : DOMESTIC GAS METERS WITH SMART SYSTEM COMPATIBILITY
 & SMART COMMERCIAL METERS

Sr. No.	PART / Section / Clause No.	Page No.	Clause Description	Bidder's Query	Reply to Bidder's Query
1)	PART I / SECTION-II / cl. no. (A) 1.5	11	BID EVALUATION CRITERIA Technical Criteria	We are planning to bid as an Indian authorized supplier of foreign Manufacturer (having manufacturing unit outside India). Our principal company has supplied atleast 16,500 nos. in a single order of Natural Gas Meters type G 1.6 or above in last seven years reckoned from the date of publication of tender. We don't have any order in our name and have just begun representing this Company. Will we be disqualified on this ground?	Please note that as per cl. no. (A) 1.5 of BEC, the participating bidder must have experience for having supplied the quantity as indicated in the Tender for each type of Natural Gas Diaphragm Meters under a single order.
2)	PART I / SECTION-II	11	BID EVALUATION CRITERIA Technical Criteria	The Bidder must be Manufacturer or Indian subsidiary / authorized supplier of foreign Manufacturer (having manufacturing unit outside India) of Natural Gas Meters. Can bidder be the OEM of AMR System Supplier and quote for this tender?	Bidder as OEM of AMR System Supplier cannot participate for this Tender.
3)	PART I / SECTION-II	11	BID EVALUATION CRITERIA Technical Criteria	The Bidder must be Manufacturer or Indian subsidiary / authorized supplier of foreign Manufacturer (having manufacturing unit outside India) of Natural Gas Meters. Can bidder be the Authorised Supplier of Indian Manufacturer and quote for this tender?	Bidder as Authorised Supplier of Indian Manufacturer cannot participate for this Tender.

Sr. No.	PART / Section / Clause No.	Page No.	Clause Description	Bidder's Query	Reply to Bidder's Query
4)	PART I / SECTION-II	11	BID EVALUATION CRITERIA Technical Criteria	EMD requirement: For MSME registered companies, Bidder can submit the MSME certificate. Pls confirm.	Refer PUBLIC PROCUREMENT POLICY FOR MICRO AND SMALL ENTERPRISES (MSE), clause no.40 of ITB
5)	PART I/ SECTION III/ Cl. no.1.0	7	TERMS OF PAYMENT	Terms of Payment: We strongly recommend that the BG against the pending works (15% value) should have a cap-period i.e. upto the contract closure i.e. 2 years from the date of LOI or first-of supply. Without cap-in period, the BG will be extended indefinitely which won't be allowed by our management. So, kindly confirm the final cap-in period that will be applicable for the said BG. As this BG covers for pending works, we can only consider one-time extension of BG in our costing. Post that the extension charges levied by Bank shall be paid by Purchaser. Pls confirm.	Group B Scope of Work stands deleted. Refer Corrigendum#1.
6)	Clause 2.0/15	214	Hiring of Third Party Inspection Agency (TPIA) from the approved TPIAs listed, for inspection as per approved QAP.	TPI (if hired) hiring charges is in Purchaser's scope. Pls confirm.	Hiring of TPIA is in scope of the bidder. Refer Cl.11 of Technical Specification.
7)	Clause 2.0/3	213	Configuration / mapping / initialization / synchronization / integration of Commercial prepaid Smart Meter MIU/AMR for communication / data exchange with metering software server including data exchange on GPRS/GSM between smart meters and metering server software.	As we understand that the initialization of Prepaid system per site is in Bidder's scope. This activity involves deployment of engineer - wage, labor, lodging/boarding, etc. Hence, we request GGPL/MECON to specify the minimum number of ready sites that would be provided to Bidder for the said activity as it involves deployment of Engineer at site. This will help us achieve competitive pricing.	Group B Scope of Work stands deleted. Refer Corrigendum#1.

Sr. No.	PART / Section / Clause No.	Page No.	Clause Description	Bidder's Query	Reply to Bidder's Query
8)	Clause 6.0/A/3	215	<p>Commercial Smart Meter shall be G6, G16, G25 type diaphragm / any technology suitable for commercial metering. (Refer MR and datasheets). Commercial Smart Meters shall have integral valve between inlet and outlet suitable for prepaid type AMR system. In case of external valve, the valve shall be Ex-proof and at meter inlet. The meter and valve shall be placed in a wall mount secured enclosure.</p>	<p>As we understand that there are two types of Volumetric readings that could be achieved from Gas-metering system i.e. Corrected (with compensation) or Measured Volume (without compensation). So, pls confirm what is the exact requirement? As we understand that Purchaser would implement single billing system for end-consumers. There cannot be two types of billing systems - for certain customers Purchases bills end-consumer with compensation and for other consumers, purchaser invoices with compensated volume. This will create discrepancy in the minds of customer.</p> <p>As general CGD requirement, commercial gas consumers are billed with actual metering value and not with compensatory value. However, we would like to get confirmation on the same. If compensated volume is required, then as per industry standard Purchaser would opt for both Temperature and Pressure compensation. This could be achieved only using EVC. Hence please confirm if meters reading from meters should be actual uncorrected volume or PTZ corrected volume derived from EVC. We believe that since tender does not ask for EVC hence the volume reading has to uncorrected volume without temperature - pressure compensation. Pls confirm, else kind provide detailed data sheet for EVCs.</p>	<p>Group B Scope of Work stands deleted.</p> <p>Refer Corrigendum#1.</p>
9)	Clause D/2	218	<p>All the SIMs deployed for the purpose shall be part of a private APN (Access Point Name) created specifically for GGPL and a pool of IP addresses to be allotted against each SIM card</p>	<p>Sim cards deployed for GGPL will be in the name of Bidder as the cloud solution also requires Lease Line connectivity (private apn network) at the server end. This server is in the Bidder's scope. Also, the payment to the service provider is in Bidder's scope. If required, Pls confirm.</p>	<p>Group B Scope of Work stands deleted.</p> <p>Refer Corrigendum#1.</p>

Sr. No.	PART / Section / Clause No.	Page No.	Clause Description	Bidder's Query	Reply to Bidder's Query
10)	Clause C/6/f	218	Capable of synchronizing with client's billing server software, as per GGPL requirement	As we understand, we would be required to provide the methodology that we would prefer for integration and certain parameters that could support GGPLL/MECON when they plan for integration. Scope does not involve any integration work to be done by Bidder. Pls confirm.	Group B Scope of Work stands deleted. Refer Corrigendum#1.
11)	Clause C/6/g	218	MIU units shall be easily configurable remotely, as per GGPL requirement.	As we understand, configuration could involve firmware updates, configurational changes, etc. is desired by GGPL/MECON. Pls confirm.	Group B Scope of Work stands deleted. Refer Corrigendum#1.
12)	Clause D/6	219	In case the primary solution goes down, SMS Solutions shall be a Failover mechanism.	We understand that both modes of communication is required, GPRS & SMS. Pls confirm.	Group B Scope of Work stands deleted. Refer Corrigendum#1.
13)	Datasheet of COMMERCIAL NATURAL GAS METERS & AMR FOR PREPAID TYPE SMART METERING	228	Datasheet of COMMERCIAL NATURAL GAS METERS & AMR FOR PREPAID TYPE SMART METERING	2.For Commercial Gas Meter: - As we understand that there are two types of Volumetric readings that could be achieved from Gas metering system i.e. corrected (with compensation) or Measured Volume (without compensation) So, Please confirm what is the exact requirement ? As we understand that purchaser would implement single billing system for end customers. There cannot be two types of billing system. This will create discrepancy in the minds of customer. As general CGD requirement, commercial gas consumers are billed with actual metering value and not with compensatory value. However we would like to get confirmation on the same. If compensated volume required, then as per industry standard purchaser would opt for both temperature and pressure. This could be achieved only using EVC. Hence Please confirm if meters reading from meters should be actual uncorrected volume or PTZ corrected volume derived from EVC. We believe that since tender does not ask for EVC hence the volume reading has to uncorrected volume/Actual Volume	Group B Scope of Work stands deleted. Refer Corrigendum#1.

Sr. No.	PART / Section / Clause No.	Page No.	Clause Description	Bidder's Query	Reply to Bidder's Query
				without temperature -Pressure compensation. Plz confirm.	
14)	Section – II. 1.5	12	BEC clause	BEC for commercial Meter has asked for supply reference of diaphragm meters. We request to accept any type of commercial meters (as per OIML R137) which is as per the data sheet provided in the tender. We only of smart meters as per tender requirement which not necessarily diaphragm meters . Pl. confirm.	Group B Scope of Works stands deleted. Refer Corrigendum#1.
15)	B2 and B3/ MATERIAL REQUISITION(MR) & DATASHEETS	225	Commercial Meter Data sheet	We offer Integral Valve in the meter with MID and OIML R137 approval up to G6 meter Size. The external valve with the meter will create the pressure drop in the meters and no meter manufacturer company offer such solution. The requirement should be approval by MID / OIML for meter with internal valve which is applicable for small size meters up to G6. Pl. exclude the requirement of valve for the meters more than G6 sizes.	Group B Scope of Work stands deleted. Refer Corrigendum#1.
16)	Domestic/COM MERCIAL NATURAL GAS METERS & AMR FOR PREPAID TYPE SMART METERING	226, 228	Domestic/COMMERCIAL NATURAL GAS METERS & AMR FOR PREPAID TYPE SMART METERING	Index - We provide Index in SCM (CORRECTED VOLUME) directly. Kindly Accept.	Meter Index Unit is CM (m³). Refer Datasheet of Domestic Meters in the tender. Also Refer Corrigendum#1
17)	Clause no.A.1 SOR	Page 225/233	Domestic meter G1.6(design pressure up to 200 mbar) for Left side inlet & right side outlet, having facility/provision to install MIU/AMR in future and make the meter compatible for Smart metering.	Bidder would like to inform that planning to make subjected domestic meters as a Smart metering system in future by retrofitting MIU shall be as additional time taking task i.e. floating another tender/bidding etc. Moreover, in terms of valve “floating of separate tender in future for AMR(MIU retrofitting+ Server/cloud) + Separate Tender for Supply of meters shall be much expensive to GGPL than procuring of complete AMR metering system as present).	There will be no change in the requirements. Tender Conditions Prevails

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				<p>MECON/GGPL may please cross check the same by referring recent smart tenders floated & finalized by other respective utilities.</p> <p>In order to above, bidder requesting MECON/GGPL to make this completer AMR system(Supply of AMR System for domestic meters) instead of supply of domestic meters with facility/ provision to install MIU/AMR in future.</p>	

Note: This document shall form an integral part of the bidding document and shall be signed/stamped and submitted along with the bid.

(STAMP & SIGNATURE OF BIDDER)