

No: MTL/PUR/213/ELECT/2018(E)/30

DATE : 25/09/2018

To

Type of Bid : LIMITED TENDER
Bidding Type : Single Bid
Bid Closing date : 20/10/2018
Bid opening date :
EMD : As per Annexure-I

ASSAM GAS COMPANY LIMITED invites Limited offers for the following items and as per Specification at Annexure - II.

Sl.No.	Item Code	Item Description	Unit	Qty
01	02094113	Miniature Circuit Breaker in DC output 2 pole, Type C, Breaking Capacity : 10A, Type : N25N (C Curve) Make : L&T Hager or Marlin Gerin	No	10
02	02094514	Main Transformer with shield Make : Kriston System	No	01
03	02094134	Auto Transformer for Manual Control of output Make : Kriston System	No	01
04	02094142	Auxiliary transformer for control circuit power supply Make : Kriston System	No	01
05	02094150	Shunt for ammeter A2 75mV at 60A Make : Rishabh / Meco	No	02
06	02094162	Current transformer for ammeter A1 Make : EIC/Meco	No	02
07	02094215	Filter Choke in DC output. Make : Kriston System	No	01
08	02094223	Filter capacitor bank in DC output	No	02
09	02094231	Silicon Controlled Rectifier Back SCR Module Make : Semicron	No	01
10	02094241	Main Rectifier Diodes Make : IXYS / IR	No	20
11	02094253	Auto / Manual mode selector, Rotary type 4 pole, 2 way, 40 Amps, 230 V, AC Type : SRPM325B Make : Kaycee	No	02
12	02094265	Coarse manual output control switch, Rotary type Make : Switchon	No	02

Sl.No.	Item Code	Item Description	Unit	Qty
13	02094274	Fine manual output control switch, Rotary type Make : Kaycee	No	02
14	02094282	Reference ce;; se;ectpr swotcj Make :Salzer	No	04
15	02094290	Auto/AVCC mode selector toggle switch Make : Kaycee	No.	04
16	02094304	Internal/External Ref. selector toggle switch Make : Kaycee	No	04
17	02094312	ON/OFF Toggle switch in various lamp and meter circuits Lamp and meter circuits	No	10
18	02094332	Surge Suppressor R-C network across SCRs Make : Philips/El-Ci-Ar/Epcos	No	02
19	02094344	Surghe Suppressor across diodes D1 Thru D4 Make : Epcos	No	02
20	02094355	Bleeder resistance across DC output Make : Yesdee / Iresco	No	02
21	02094363	Resistance in DC Voltage feedback chain Make : Philips	No	02
22	02094371	Resistance in DC Voltage feedback chain Make : Philips	No	02
23	02094381	Reference voltage setter potentiometer Make : Pankaj	No	02
24	02094393	Output voltage setter otentiometer Make : Pankaj	No	02
25	02094401	Over current setter potentiometer Make : Pankaj	No	02
26	02094411	Alarm/status indicator LED Make : HP / National	No	10
27	02094423	Control card. Type : KS103A Make : Kriston System	No	04
28	02094435	Control card. Type : KS103C Make : Kriston System	No	04
29	02094444	Control card. Type : KS105D1-AC/DC Make : Kriston System	No	04
30	02094452	Voltmeter to read AC main voltage 0-750 V AC Make : Meco	No	04
31	02094460	Voltmeter to read DC output voltage 0-200V DC Make : Meco	No	04
32	02094472	Voltmeter to read reference voltage 0 - \pm 19.99 V DC	No	04
33	02094484	Ammeter to read AC input current 3-30 Amps, AC with 30:1 External CT Make : Meco	No	04
34	02094495	Ammeter to read DC output current 0-60 Amps, DC with 30:1 External CT Make : Meco	No	04
35	02094320	Lighting arrestors at AC Input & DC Output Make : LAMCO	No	10
36	02094502	Copper/copper sulfata reference elecvtrode	No	01
37	02090260	Microprocessor based Synchronisable ON/OFF Current Interrupter Timer with GPS Interrupter. Details of items is given at Annexure-III	No	05

Terms & Conditions for Limited Tenders :

1.The bidder should quote their rates with applicable taxes etc. as per the FORMAT given below

Sl No.	Materials Description	Unit	Basic Rate/ Unit (INR) (A)	GST @ % (B)	Freight (C)	Amount/unit INR (FOR Duliajan) (A)+(B)+(C)=D	Quantity (E)	Total Amount (INR) (D) X(E)

2. The bidder has to submit manufacture's price list as part of bid and should quote with maximum discount on price list.
 3. The TOTAL AMOUNT shall be in figure as well as in words. No overwriting shall be allowed. In case of discrepancy, the rates quoted in words shall be considered to be correct.
 4. Sealed envelope containing the bid duly filled in as per above Format on bidders letter head should reach Sr. Manager (Materials)-HOD, Assam Gas Company Limited, Duliajan-786602, Dist. Dibrugarh (Assam) on or before the bid closing date and time as mentioned above. If the bid closing date happens to be holiday/bandh called than the next full working day will be considered as bid closing date.
 - 5 The Sealed envelope containing the bid shall be marked at the top of the envelope with following information.
 - a) AGCL Tender No.
 - b) Bid Closing date
 - c) Bidder's Name
 - d) Brief description of supply
- The bid received without mention of above on the envelope shall not be accepted.
6. Bid received vide E-mail/Fax/Telegram/Telex/Cable/bid in open condition will not be accepted.
 7. The company will not be responsible for any postal delay or non-receipt.
 8. **Validity** : The bid must be valid for 90 (Ninety) days from the date of opening of the bid.
 9. **Delivery** : The supply of ordered materials is to be completed within 30 (Thirty) days from the date of receipt of the Purchase Order by Fax/Email etc. The schedule delivery period shall be counted from the date of sending the P.O. by e-mail.
 10. **EMD**: The bidder has to submit EMD with respect to the total value of supply with reference to the Annexure – I in the form of Bank Draft drawn in favour of Assam Gas Company Limited payable at Duliajan. **The bidder has to deposit 18% GST in addition to required EMD as per Annexure-I.** The EMD will be released on completion of complete delivery & acceptance of materials. The EMD will be forfeited by the company in case the party fails to supply the materials.

11. **Liquidated Damage** : The completion of delivery of the entire quantities as mentioned above within the schedule date of completion of delivery shall be deemed to be the essence of the contract. In case of delay in delivery of the materials within the stipulated period, unless such delay is attributable to owner (AGCL) or due to Force Majeure condition, there will be reduction in the contract value @0.5% for undelivered quantities of materials for each week of delay or part thereof subject to maximum of 5% of the total contract value, as liquidated damage. The Liquidated Damage charge shall be recovered from the supplier's bill / invoice.
12. **Payment** : 100% (Hundred percent) Payment shall be made to the supplier within 30 (thirty) days after receipt and acceptance of materials subject to submission of original invoice in triplicate along with all relevant documents as per P.O. & NIT.
13. Conditional bids are liable to be rejected at the sole discretion of the Company.
14. **Guarantee/Warranty** : Guarantee should be survived for minimum 12 (Twelve) months from the date of supply and use. The bidder has to furnish warranty Certificate from manufacturer.
15. **Applicability of Law & Jurisdiction** : The Order shall be governed and interpreted in accordance with the applicable laws of India and Dibrugarh Court in the State of Assam shall have exclusive jurisdiction.
16. The Company reserves the right of rejecting any or all bids, accepting any bid in part, without assigning any reason.

Thanking You,

Yours faithfully,

For and on behalf of MANAGING DIRECTOR

ASSAM GAS COMPANY LIMITED
(A Govt.of Assam Undertaking)
P.O.Duliajan – 786 602 Assam
E-mail : agcmat2@gmail.com

ANNEXURE – I
EARNEST MONEY DEPOSIT : (EMD)
For Limited Tenders only
EMD to be deposited by the bidder is as follows:

<u>ESTIMATE TOTAL VALUE (Rs.)</u>		<u>EMD (Rs.)</u>
Upto	50,000	NIL
50,001 to	1,00,000	2000.00
1,00,001 to	2,00,000	4000.00
2,00,001 to	5,00,000	10,000.00
5,00,001 to	10,00,000	20,000.00
10,00,001 to	25,00,000 & above	50,000.00

Annexure-II

TECHNICAL SPECIFICATION :

Sl. No.	Code No	Unit	Qty	Description of Item	Make	Technical specification
01	02094 113	No	10	Miniature Circuit Breaker in DC output 2 pole, Type C, Breaking Capacity : 10A, Type : N25N (C Curve)	L&T Hager or Marlin Gerin	Miniature Circuit Breaker in DC output 2 pole, Type C, Breaking Capacity : 10A, Type : N25N (C Curve)
02	02094 514	No	01	Main Transformer with shield	Kriston System	Main Transformer with shield, double wound, Varnish impregnated type. Primary : 230V \pm 20% Secondary: 0-85V Capacity : 5000VA continuous Insulation: Class F
03	02094 134	No	01	Auto Transformer for Manual Control of output	Kriston System	Auto Transformer for Manual Control of output Capacity : 4000 VA continuous Insulation : Class F
04	02094 142	No	01	Auxiliary transformer for control circuit power supply	Kriston System	Auxiliary transformer for control circuit power supply Primary : 230V \pm 20% Secondary: 1:18V at 500mA Secondary2: 18V at 500mA Secondary3: 16V at 500mA Secondary4: 12V at 250mA Secondary5: 12V at 250mA Capacity : 50VA
05	02094 150	No	02	Shunt for ammeter A2 75mV at 60A	Rishabh/Meco	Shunt for ammeter A2 75mV at 60A
06	02094 162	No	02	Current transformer for ammeter A1	EIC/Meco	Current transformer for ammeter A1 Ratio : 30A:1A Burden: 5VA Class: 10
07	02094 215	No	01	Filter choke in DC output	Kriston System	Filter choke in DC output 75mH at 50A
08	02094 223	No	02	Filter capacitor bank in DC output	Alcon/Rescon	Filter capacitor bank in DC output 2500 uF, 100V X 4 electrolytic capacitors
09	02094 231	No	01	Silicon Controlled Rectifier-Back SCR Module	Semicon	Silicon Controlled Rectifier-Back SCR Module Lav: 106 Amps PIV:1600 V Type : SKKT106B-16E
10	02094 231	No	20	Main Rectifier Diodes	IXYS/IR	Main Rectifier Diodes LAV:105 Aps PIV:1600 Volts Type: IRKD105-16

Sl. No.	Code No	Unit	Qty	Description of Item	Make	Technical specification
11	0209 4253	No	02	Auto/Manual mode selector, Rotary type 4 pole, 2 way, 40 Amps, 230V, AC Type : SRPM325B	Kaycee	Auto/Manual mode selector, Rotary type 4 pole, 2 way, 40 Amps, 230V, AC Type : SRPM325B Make : Kaycee
12	0209 4265	No	02	Coarse manual output control switch, Rotary type	Switchon	Coarse manual output control switch, Rotary type 1 pole, 6 way, 32 Amps, 230V, AC Type: A3K15F
13	0209 4274	No	02	Fine manual output control switch, Rotary type	Kaycee	Fine manual output control switch, Rotary type 1 pole, 4 way, 40Amps, 230V, AC Type : SRMP313D
14	0209 4282	No	04	Reference cell selector switch	Salzer	Reference cell selector switch, CAM Type 2 pole, 4 way, 6 Amps Type: SG-61070
15	0209 4290	No	04	Auto/AVCC mode selector toggle switch	Kaycee	Auto/AVCC mode selector toggle switch 2 pole, 2way, 10Amps, 230, Toggle Type Type : KT 2061by
16	0209 4304	No	04	Internal/External Ref. selector toggle switch	Kaycee	Internal/External Ref. selector toggle switch 2 pole, 2 way, 10Amps, 230V, Toggle Type Type : KT 2061 BY
17	0209 4312	No	10	ON/OFF Toggle switch in various lamp and meter circuits	Kaycee	ON/OFF Toggle switch in various lamp and meter circuits 1 pole/2pole, 2way, 10 Amps, 230 V, Toggle Type Type : KT 1041 by/kt2041 BY
18	0209 4332	No	02	Surge Suppressor R-C network across SCRs	Philips/EI-Ci-Ar/Epcos	Surge Suppressor R-C network across SCRs 750, 5W resistor in series with 0.25 uF, 1000V paper Capacitor & MOV type K440/520
19	0209 4344	No	02	Surge Suppressor across diodes D1 Thru D4	Epcos	Surge Suppressor across diodes D1 Thru D4 MOV type
20	0209 4355	No	02	Bleeder resistance across DC output	Yesdee/Iresco	Bleeder resistance across DC output 125 200W, WW

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Sl. No.	Code No	Unit	Qty	Description of Item	Make	Technical specification
21	0209 4363	No	02	Resistance in DC voltage feedback chain	Philips	Resistance in DC voltage feedback chain 10 K , 2W, Carbon type
22	0209 4371	No	02	Resistance in DC voltage feedback chain	Philips	Resistance in DC voltage feedback chain 10 K , 2W, Carbon type
23	0209 4381	No	02	Reference voltage setter potentiometer	Pankaj	Reference voltage setter potentiometer 500 , 3W, WW
24	0209 4393	No	02	Output voltage setter potentiometer	Pankaj	Output voltage setter potentiometer 25 K , 3W, WW
25	0209 4401	No	02	Over current setter potentiometer	Pankaj	Over current setter potentiometer 10 K , 3W, WW
26	0209 4411	No	10	Alarm/status indicator LED	HP/National	Alarm/status indicator LED 5mm, 15mA, red colour
27	0209 4423	No	04	Control card. Type : KS 103A	Kriston System	Control card Type : KS 103A
28	0209 4435	No	04	Control card. Type : KS 104C	Kriston System	Control card Type : KS 104C
29	0209 4444	No	04	Control card. Type : KS 105D1-AC/DC	Kriston System	Control card. Type : KS 105D1-AC/DC
30	0209 4452	No	04	Voltmeter to read AC main voltage 0-750 V AC	Meco	Voltmeter to read AC main voltage 0-750 V AC 48mm x 96mm, 3-1/2 digit, Digital type Type: SMP35 Operating supply: 230V AC
31	0209 4460	No	04	Voltmeter to read DC output voltage 0-200V DC	Meco	Voltmeter to read DC output voltage 0-200 V DC 48mm x 96mm, 3-1/2 digit, Digital type Type : SMP35 Operating supply : 230 V AC
32	0209 4472	No	04	Voltmeter to read reference voltage 0 - \pm 19.99 V DC	Meco	Voltmeter to read reference voltage 0 - \pm 19.99 V DC 48mm x 96mm, 3-1/2 digit, Digital type Type: SMP35 Operating supply : 230 V AC

Sl. No.	Code No	Unit	Qty	Description of Item	Make	Technical specification
33	0209 4484	No	04	Ammeter to read AC input current 3-30 Amps, AC with 30:1 external CT	Meco	Ammeter to read AC input current 3-30 Amps, AC with 30:1 external CT 48mm x 96mm, 3-1/2 digit, Digital type Type: SMP35 Operating supply : 230 V AC
34	0209 4495	No	04	Ammeter to read DC output current 0-60 Amps, DC	Meco	Ammeter to read DC output current 0-60 Amps, DC 60A/75 mV External Shut 48mm x 96mm, 3-1/2 digit, Digital type Type: SMP35 Operating supply : 230 V AC
35	0209 4320	No	10	Lightning arrestors at AC Input & DC Output	LAMCO	Lightning arrestors at AC Input & DC Output R.M.S. Voltage Rating : 500 V, Peak Impulse Discharge Current : 5 KA Type : PLO1
36	0209 4502	No	01	Copper/copper sulfate reference electrode	MC Miller/Fon tana Or its Equivalent	
37	0209 0260	No	05	Microprocessor based Synchronisable ON/OFF Current Interrupter Timer with GPS Interrupter. Details of items is given	Kristron Systems or Equivalent make	TECHNICAL SPECIFICATION IS ENCLOSED AT ANNEXURE-III