

**CORRIGENDUM-I**

**Dec. 15, 2018**

**Ref. Tender No. BGL/438/2018-19, dtd. 05.12.2018**

**Sub: Rate Contract for Procurement of Meter Regulating Skids (MRS) for Hyderabad Industrial customers**

**This is for general information to all bidders that following details enclosed herewith shall form part of the bidding documents.**

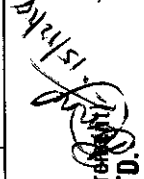
**This is for general information to all bidders:**

Sl. No.	Vol/ Page No./Section	Clause No.	Tender Clause	Bidders queries	BGL's Reply
<b>Commercial Queries</b>					
1	Vol I of II, Page 2 of 103		Tender Fee	Bidder requested to confirm both MSME/ NSIC firms are exempted for Tender Fee and bid security.	MSME/ NSIC firms are Exempted for Tender Fee and bid security.
2	Vol I of II, Page 2 of 103		Due date of submission of bids	Bidder requested to extend the date of submission of Bid upto 2 weeks after receiving of TQ-CQ reply.	Due date for submission of bids as per the tender document.
3	Vol II of II, Page 10 of 46, Section-8, Special Conditions of Contract	6	Payment Terms	Bidder requested to confirm Payment Terms as 100% payment will be released within 30 days on fulfillment of all document submission and material receipt at site. The commissioning may take long time and no time limit is mentioned in the tender.	Tender condition prevails.


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4	Vol II of II, Page 10 of 46, Section-9, Time Schedule	Time Schedule	Bidder requested to accept the delivery period 8 weeks Ex works / 10 weeks FOT site., for Individual release orders	Tender condition prevails.
5	Vol II of II, Page 23 of 46, Section-9, Time Schedule	13 WARRANTY & Defect Liability Period	Request to consider standard terms & conditions i.e. 12 months from the date of commissioning or 18 months from the date of shipment, whichever is earlier.	Tender condition prevails.
6		Repaired or replaced materials shall be similarly guaranteed by the SELLER for a period of no less than twelve (12) months from the date of replacement/repair.	The warranty for the repaired or replaced part will be warranted for a period of 3 months from the time of repair or replacement to a maximum of its original warranty period whichever is earlier.	Tender condition prevails.
7		General Limitation of Liabilities	Bidder requested to accept Limitation of Liabilities: In no event, regardless of the form of the claim or cause of action shall seller's aggregate liability to buyer and/or any third party including its customers exceed 100% of this PO value. Neither party shall be liable for indirect or consequential damages.	Limitation of Liabilities: Notwithstanding anything contrary contained herein, the aggregate total liability of Supplier under the Contract or otherwise shall be limited to 100% of contract value. However, neither party shall be liable to the other party for any indirect and consequential damages, loss of profits or loss of production.
8	Vol II of II, Page 8 of 46, Section-10, Technical Specifications	General Transit Insurance	Bidder requested BGL to accept transit insurance under their scope.	Tender condition prevails.
<b>Technical Queries</b>				

1	Vol I of II, Page 13 of 103, Section -1, BEC Criteria	BEC - Technical, Cl. No.2	The bidder should have designed fabricated, integrated, tested, supplied and commissioned MRS having a minimum capacity of 75 SCMH or higher of 12 nos as mentioned against the scope of supply, in a single Purchase Order / Work Order in the last 7 (Seven) years from the bid due date.	Bidder requested to consider relaxing the BQC criteria by removing single purchase order condition OR change to Two.	Tender condition prevails.
2	Vol II of II, Page 9 of 46, Section-10, Technical Specifications	Cl. No. 3.7 & 3.8	The Skid manufacturer must deliver a Certificate EN 10204 3.1 stating the quality, the mechanical properties, the chemical analysis the process of manufacture and the marking for the skid.	Bidder requested to confirm that 3.1 certification is applicable to complete skid including flanges, fittings and valves	3.1 certification is accepted.
3		Cl. No. 3.7 & 3.11	For the MRS, inlet pressure will be 4 - 2 bar and out let pressure will be 1-1.2 bar and Also if any modification will be required while change in the pressure, the same will be in the scope of supplier.	Bidder requested to confirm process parameter, In P&ID, o/L pressure is given as 0.5 to 1.5 bar.	<ul style="list-style-type: none"> <li>➤ Design pressure should be at min. 2bar.</li> <li>➤ 2-4 bar:- Inlet pressure 0.5 to 1.5 bar.-Outlet Pressure.</li> <li>➤ Outlet Pressure &amp; Inlet Pressure range is fixed.</li> </ul>
4		Clause (iii) of 4.2,	RPD meter of 4" 300# is required.	Bidder informed and requested to confirm that as per given pressure, entire MRS will be of 150#.	Rating shall be of # 150 for all sizes of MRS.
5	Vol II of II, Page 19 of 46, Section-10, Technical Specifications	Clause (i) of 4.2,	In each stream, One cartridge filters with differential pressure gauges, Safety Relief Valves, along with all accessories (as indicated in P & ID).	Bidder requested to confirm that as per given P&ID, only DPG is required, PSV is not required.	DPG is required and PSV is not required.

  
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6	Vol II of II, Page 20 of 46, Section-10, Technical Specifications	4..2.(iv)	Material	Bidder requested to confirm that DI material is not acceptable as per T4S requirement of PNGRB.	Accepted.
7	Vol II of II, Page 25 of 46, Section-10, Technical Specifications	Cl. No.: B	B) Gas Pressure Regulator, All regulators shall be complied with OPZO & UPZO.	Bidder requested to confirm if UPZO & OPZO feature is required with regulators.	UPZO & OPZO feature are required with regulators.
8		AMR system	Pressure control Regulator shall be Pilot Type.	Bidder requested to accept direct acting regulator up to 150 SCMH flow capacities. More than 150 SCMH pilot operated regulators can be selected.	A) up to 150 SCMH flow capacities: direct acting regulator and B). More than 150 SCMH: pilot operated regulators ARE ACCEPTED.
9	Vol II of II, Page 28 of 46, Section-10, Technical Specifications		BGL needs to pull data of Pressure, Temperature, Corrected Volume Flow, Uncorrected Volume Flow, 24 hrs Flow Data etc twice in a day to its control room. The mode of communication shall be GPRS. • GSM Modem in AMR system shall be ATEX approved for connection with a device in hazardous area.	Bidder requested BGL to recheck the requirement with Battery operated AMR system with volumes only data push to Network or local computer and to confirm If such system is acceptable to BGL which is ATEX approved , Battery operated zone 0 certified.	Accepted
10				Bidder raised query whether SIM required for communication will be in BGL Scope.	Bidder's understanding is correct.

  
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11	Vol II of II, Page 24 of 46, Section-10, Technical Specifications	Cl. No. 14, Sl. No :8	One set of following mandatory spares to be supplied among three skids.1) One set of Diaphragm for each type of SSV, Monitor Regulator & Active Regulator 2) One set of Filter cartridge installed in filter. 3) 10% or minimum 1 no (whichever is higher) of each size/rating of gasket.	Bidder requested to confirm that one set of spares required for 3 skid of each SOR line item.	For every 3 skids - 1 set of spares i.e for consecutive SOR Item 1:4 nos, Sl. No2: 3 nos, Sl. No.3: 3 nos, Sl. No. 4: 3 nosand sl. No. 5 : 2 nos of mandatory spares are required.
12	Vol II of II, Page 24 of 46, Section-10, Technical Specifications	Cl. No. 15	General piping arrangement shall be made in such a way that meter with EVC can be installed on upstream as well as on downstream of regulator.	Bidder to check its understand that RPD meter with EVC installed in upstream of regulator and sizing of RPD meter done at 2 to 4 barg pressure.	RPD meter with EVC shall be installed in upstream of regulator.
13	Vol II of II, Section-10, Technical Specifications	General	Datasheet of regulator: REGULATION ACCURACY: +/- 2.5% OF SET OUTLET PRESSURE (G) OR BETTER	As per technical specification direct operated regulator is also acceptable. Bidder Requested to consider accuracy of direct operated regulator is +/- 5% of set pressure.	Not Accepted
14	Vol II of II, Section-10, Technical Specifications	General		Bidder requested to accept Y - strainer instead of Filter for such small flow skid	Not Accepted
15	Vol II of II, Section-10, Technical Specifications	General		Bidder raised query whether RPD Meter Sizing to be done at maximum outlet pressure.	Meter Sizing to be done at Minimum inlet pressure at 2 bar.

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16	Vol II of II, Section-10, Technical Specifications			Bidder requested to consider the whether velocity of 20 m/s & 40 m/s to be considered before and after filtration.	As T4S guidelines.
17	Vol II of II, Page 42 of 46, Section-10, Technical Specifications		List of Vendors for bought out items.	Bidders requested for Emerson, AEL makes for dry gas filter, Raychem make RPD meter, Elgas make EVC & GSM Modem, mass make pressure gauge, Fainger Leser make PSV & CRV and GM Engineering for manual valves and Hina make ball valves.	Bought out items list are provided in the bid document. However, additional vendors will be considered based on past experience, provided they have supplied for similar applications to CGD companies in India.
18	Vol II of II, Page 36 of 46, Section-10, Technical Specifications	Cl. No. 14-M. Performance and Inspection	Inspection & Testing: Pneumatic Test report with air/N2 at 39 bar(g).	Bidder informed that as per factory act Pneumatic test shall be done at 7 Bar g which is normal industrial practice and to accept the same.	Accepted.
19			The final performance test of complete MRS skid shall be carried out in presence of third party inspecting agency / BGL representative before accepting the skid and giving clearance for dispatch.	As per tender in process inspection shall be in supplier scope and hence bidder requested to confirm Final inspection of skid by TPI shall be in BGL scope	All TPI inspection charges to be borne by bidder.
20	Vol II of II, Page 26 of 46, Section-10, Technical Specifications	Cl. No. 14-B. Lock Up	As the flow through a governor is slowly reduced from 2% of maximum flow to zero, the governor must not allow the outlet pressure to rise by more than 5 mbar or 1% of the set pressure (g), whichever is greater, above the value at 2% of the maximum flow.	Bidder requested to accept lock up class upto SG 5, which is acceptable in all CGD's.	Accepted

21	Vol II of II, Page 19 of 46, Section-10, Technical Specifications	Cl. No. 4.2	ii) In each stream, One pilot operated monitor pressure regulators with integral slam shut as indicated in respective P&ID's & one pilot operated Active regulator.	Bidder informed that as per P&ID it was only one Regulator with Integral SSV, there is no Active or Monitor regulator, and as per understanding we it is needed to follow P&ID and to provide one Regulator with Integral SSV.	Accepted
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**Bidder shall take in to account the above while submitting their bid.**

**The Corrigendum – I shall form the integral part of the tender document.**

**All other Terms and Conditions of the tender document shall remain unaltered.**

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