 MAHARASHTRA NATURAL GAS LIMITED	REPLY TO BIDDERS QUERIES-II AGAINST TENDER FOR ANNUAL RATE CONTRACT FOR PROCUREMENT OF SMART SRM & MRS FOR CGD NETWORK OF MNGL, PUNE Bid No.: MNGL/C&P/2017-18/114
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Date: 20.02.2018

Replies to Queries of the Bidders- II


SUB: Replies to queries of the bidders-II for Tender for annual rate contract for procurement of Smart SRM & MRS for CGD Network of MNGL, Pune

REF: Bid Document No. MNGL/C&P/2017-18/114 dated 16.01.2018 & Addendum- I dated 06.02.2018


Dear Sir,

Following are the replies to queries of the bidders. Kindly note the same.


Sl. No.	Bidder's Query / Clarification	MNGL' Reply
	Commercial	
1	1 st Lot of the delivery should be 12 weeks for SRM and 16 weeks for MRS. PI. accept	Tender Conditions Prevails
	Technical	
1	MRS - P & ID shows - Multiple PT with each PG. PI. confirm the requirement of one PT at the inlet. Outlet Pressure will be monitored by EVC PT. PI. confirm.	Confirmed.
2	The root isolation valve indicated in P & ID is 1" size. All the process connections of PG etc are 1/2" size only. You are requested to consider 1/2" size root isolation valves.	We have noticed during maintenance process connection for PG etc gets corroded and damaged. Hence, provide SS 316 piping for PG, TG, DPG etc installations (i.e line after ball valve connecting PG, TG, DPG etc). Please follow as per P & ID.
3	P & ID - MRS - all 300# line valves shown in P & ID. PI. confirm all line valves are 150# only. The same MRS is having inlet TF so pressure should be less than 6 Barg. PI. confirm.	150# line valves is acceptable
4	PI. recheck the requirement of meter bypass arrangement. if metering dummy spool is required than two isolation valves are required. PI. recheck and confirm your requirement.	For all SRMs Meter by pass is not required. However for Dual stream MRS it's required.
5	There should be individual vent line to check the regulator setting in each stream. This is required	Confirmed.

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	for maintenance of each lines. Pl. recheck and confirm.	
6	TG - Pl. recheck your requirement of TG as this is a low pressure skids and outlet temp is measured by EVC. Till date the same was not supplied in ARC skids.	Please follow as per P & ID.
7	We will install the data logger / controller in ex proof JB - 5 meter away from Skid , the same will be non ATEX as such controller (IOT devise) is not available in the market . Will use IS barrier for each input to the logger. Also ATEX approved power supply and solar Panel is not required for 5-6 meter distances. Those products are not available (ATEX approved) in indian market. Pl. confirm your acceptance.	Data logger/controller- Ex-proof and weather proof JB's will be accepted. External Power supply- ATEX certified required.
8	<p>Technical Quarries reply no 10 - Outlet Pressure is higher than Inlet pressure: MNGL to confirm below confirmation to clear and at part scope of supply:</p> <ul style="list-style-type: none"> o Min DP across the skid o Specific Line pressure to be considered for inlet line size o Specific line pressure to be considered for outlet line size o Specific line pressure to be considered for Meter o Size of Future Connection for meter pipe spool for SRM (Single Stream) to be provided same as per the line size? 	<p>1) Min DP across the skid- As per the process calculations. 2) Specific Line pressure to be considered for inlet line size- Minimum pressure of 2 bar to be considered. 3) Specific line pressure to be considered for Meter- Minimum pressure of 2 bar to be considered. 4) Size of Future Connection for meter pipe spool for SRM (Single Stream) to be provided same as per the line size?- Please refer MNGL reply at Sr. No. 4 5) Specific line pressure to be considered for outlet line size- 2 Bar.</p> <p>All the sizing shall be done as per velocity parameters as specified in T4S standards of PNGRB guidelines.</p>

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9	<p>Technical Quarries reply no 13, 21, 25, 32, 83, 84, 90, 117, 118 mentions it shall be bidders' responsibility of SAP integration with MRS. MNGL shall facilitate coordination with SAP team. We propose before the tender due date MNGL Shall arrange the meeting of all the bidders with their SAP Team to define the SAP Integration scope with AMR.</p>	<p>Meeting shall be arranged after award of Contract to successful bidders.</p>
10	<p>Technical quarries reply no 35 AMR system – Single AMR software installed in the MNGL Computer in the control room is capable to fetch data from each SRM & MRS skid EVC / Data logger hardware. MNGL to confirm scope if needed AMR with every SRM & MRS</p>	<p>Tender condition prevails.</p>
11	<p>Technical Quarries 121 Web App page Parameters – MNGL shall confirm the each parameters to be consider for the web application.</p>	<p>Please refer our previous replies on TQ.</p>
13	<p>As per Technical Quarries reply no 112 MNGL is requested to confirm the qty. of Gas detectors to be installed in each SRM & MRS skids.</p>	<p>As per the system requirements.</p>
14	<p>As per Technical Quarries reply no 44, 127 HF & LF pulsar are require however as per the TQ replies 98 it is mentioned HF/LF both are acceptable. Need to clear that HF & LF both are require OR any one is require and acceptable?</p>	<p>Please refer our previous replies on TQ.</p>
15	<p>Technical Quarries reply no 13: AMR with SAP integration: So, as per MNGL confirmation, vendor need to provide the required file formats (xls, csv, etc.) to MNGL specified server location. This covers the scope of SAP integration. Pls confirm.</p>	<p>Vendor needs to provide required format as per MNGL SAP requirement to MNGL WEB applications. Any support & services requirement for integration with our SAP team shall be provided to MNGL without any additional cost to MNGL.</p>
16	<p>Technical Quarries reply no 15: No one can confirm that the data from the MRS (AMR system) will be compatible to MNGL's web-app unless MNGL hire the AMR supplier to prepare the web-app. Data from the AMR system need to land somewhere; either in vendor's server or MNGL server and then MNGL can prepare the web-app of their own using the SQL Database.</p>	<p>Server will be in MNGL Scope.</p>

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	So, MNGL has to confirm where the server will be located, their premises or it will on vendor's server (data-hosting)? If MNGL is providing the server then vendor has to specify their pre-requisites to MNGL. The system asked by MNGL is not just a desktop based application but it involves web-application which itself requires quite sophisticated server. Pls confirm Server will be in vendor's scope or MNGL's?	
17	Technical Quarries reply no 23: The Controller (data-logger) should transmit the data once every day instead of every hour or maximum data every 6 hours is also more than sufficient with logs of every 5mins. This data is sufficient for MNGL and in case there is an alarm then the controller / datalogger can immediately send the data to the server. Pls confirm.	Please refer our previous replies on TQ.
18	Technical Quarries reply no 24: Based on MNGL's reply for web-app, web server requirement is ambiguous. Pls clarify our query as in point no. 3.	Web App will be in MNGL scope.
19	Technical Quarries reply no 33: As EVC is ATEX certified and intrinsically safe, even the external power supply to EVC should be intrinsically safe and ATEX certified.	External Power supply to be ATEX certified.
20	Technical Quarries reply no 35: Individual AMR system for each MRS but web-app is common. So, the data will be displayed on web-app.	Yes, data will be displayed in WEB-App.
21	Technical Quarries reply no 140: Not clear. O&M service is provided customer based on monthly ARC or on call-basis. It will be difficult for us to quote on the basis of the reply "as per the requirement bidder to arrange the service engineer". This also implies that we might be asked to deploy 1 or 2 of our service engineers permanently for 1 year in MNGL's office. Pls clear.	Data logger/Controller, WEB-App connectivity trouble-shooting etc-Operation & maintenance must be free to MNGL for initial one year from the date of commissioning of MRS. Vendor need to provide the services as and when a breakdown or troubleshooting is required. Primarily, things will be handle through remote access and then site-visit call could be taken based on the issue identified.
22	Other Hardware support is not related to web-app	It may be either local or cloud

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	compatibility but with the Vendors interface between server and individual proprietary hardware. Web-app is created based on available database. Pls confirm on above point no. 3 – how MNGL plans to store the data from site – local server or cloud-server?	server.
23	We cannot handover the files required for designing of controller. This is our proprietary document and cannot be handed over. We can definitely handover the configurations files required by site-engineer to modify any parameters in controller/data-logger/EVC. Pls confirm.	Handover of software/program files of the controller is must to MNGL for operation and maintenance purpose. Further any software used for MRS such us for EVC, AMR etc shall be handed-over to MNGL. Handing over of Softwares/ Program files must be free to MNGL.
24	For MRS : Active and monitor regulators with SSV are shown in P & ID. Pl. check if you really need active and monitor regulators as this is a 150 class skid.	Please follow as per P&ID.
25	Gas detection system quantity is not defined and the same is having cost implication. As variation is quantity may lead to dispute later on. Request you to kindly confirm the same so that pricing can be finalised.	Please proceed as per system requirement which is indicated in Data sheet.
26	Datasheet 2" and below valve is accepted at one place as 800# and other place as per PNGRB. As per PNGRB flange type valves are to be used. Kindly confirm valve as per PNGRB will be acceptable.	PNGRB guidelines shall be accepted.
27	HF and LF requirement are not cleared, as at some point it is mentioned HF is preferred and some point only LF required. Kindly confirm HF is not required for this requirement.	Please refer our replies on TQ already submitted.
28	In case of Internal sensing regulator kindly confirm that SOV can be installed in downstream of regulator.	PoC requirement to be fulfilled.
29	Kindly confirm Server and SIM & SIM service shall be in MNGL Scope	Confirmed.
30	Smart MRS should log data like Pressure, temperature, Filter DP etc. to monitor Filter DP bidder has to supply DPT in place of DPG. In P&ID it is showing DPG. So kindly confirm the requirement of DPG or DPT on filter.	Please follow as per P&ID
31	1 no. of line isolation valve is shown in P&ID in addition to line isolation valves shown for each	Confirmed

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	stream. Inlet isolation valve is not required, kindly confirm.	
32	Kindly accept 1 no. of PG on inlet header of skid. Kindly remove requirement of 1 more PG on each stream as shown in P&ID.	Noted. 1 No. PG & PT is required at the inlet of Skid.
33	RPD Meter sizing shall be done at pressure of 2 Barg only for all SOR	Ok.

Please submit the signed & stamped copy of Replies to Queries of the Bidders-II along with tender document with your techno-commercial offer as a token of acceptance.

All the others terms and conditions of the bid documents are unchanged.

With regards.

Ganesh Said
Sr. Manager (C&P)