

Minutes of the Pre-bid Meeting for Supply and Delivery of Electro-Mechanical items against NIT no. MMD0132 dated 04.07.2019 of file no. DGPC/MMD/EM-items/2019/1202.

Dated: 19.07.2019.

Venue: MMD, Phuentsholing.

Members present:

DGPC	M/s Druk SCLMFCC Trading, Thimphu	M/s Dragon Enterprise, Pling	M/s Infinity Enterprise
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Darjay Wangdi, Head,
MMD
Zangpo, HoP, KHP

Bijay Lopchan, CEO

Suborto Sidkar, GM,
Marketing

Kedar Nath Chapagai,
Technician

Tshering Wangdi

Toupo, Head,
Maintenance Division,
KHP

Raju Tamang, Commercial
Marketing

On the outset, Head, MMD welcomed the participants of the Pre-bid Meeting and informed the participating bidders that, the team from KHP has made convenient to be available here at MMD, Pling to clarify the doubts and concerns of both the parties towards enhancement of technical specifications of the items.


Following points were discussed and recorded as additional specifications / clarifications of the items which will be a part of the bidding document against the above tender:

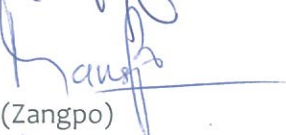
Sl.No	Queries of the firm	Clarifications by DGPC
1	Separate control panel is not necessary. The actuator has local / remote selection and local control switches integrated with the valves.	As per our specification, we have mentioned integral motor controls shall be microprocessor based and include mechanically and electrically interlocked reversing contactors for ON-OFF duty and solid state contacts (thyristors) for MODULATING duty actuators. Therefore, the valves with integrated controls are acceptable.
2	All the valves have ON/OFF duties not modulating duties. Please specify the requirement of modulating duties if any.	Our requirements are all ON-OFF duties and regulating types of valves are not required.
3	Is all the 3-phase supplies 415V?	All power supplies are 3-Phase, 415V, 50 Hz.
4	Do you have any reservations on the rising and non-rising stem construction?	Both the constructions are suitable for our applications.
5	Time for delivery period of 60 days from date of issue of Purchase Order is too short considering tailor made and require at least 120 days from date of issue of Letter of Award(LOA)	Since items to be supplied are tailored made, time for delivery of items is amended as 105 days from the date of issue of LoA.
6	Clarification on Bid Evaluation	The Bid Evaluation shall be done on one lot basis.
7	Please provide the torque details for the individual motorized valve:	Since DGPC has already provided the pressure of the cooling water system at which the valves / actuators

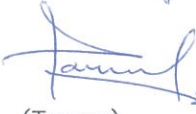
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	<ul style="list-style-type: none"> a) Main Inlet gate valve for cooling floor b) Generator unit cooling inlet and out let valve c) Generator transformer cooling pump A and B water inlet valve 	shall operate, it is seen that this information is required to be calculated and designed accordingly by bidders.
8	The price schedule for pressure gauge and temperature gauges calls for 0-20mA analog output but the detailed specifications mentioned 4-20mA for both the gauges. Please clarify on which output to be supplied.	It is clarified that the output for both the systems are 4-20 mA.
9	The quantity for 0-10kg/cm ² pressure gauge mentioned in the price schedule is 96 nos. but the total quantity in the detailed technical specification is deduced as 112nos. Please clarify on the total nos. required.	It is clarified that the quantity of 0-10kg/cm ² pressure gauge is 96 nos. and 0-50kg/cm ² is 16 nos.
10	The specification for all the 0-10kg/cm ² pressure gauge is exactly the same except the name/location of the transmitter used by the end user. Please clarify on the similarity of the specifications.	It is clarified that the pressure gauges are of same specifications.
11	The price schedule calls for 16 nos. of 0-50kg/cm ² pressure gauge but the detailed specification is missing. Please provide the detailed specification.	The detailed specifications are provided. Refer Sl. No 7 and 8 of "Annexure-III (d) - Pressure Gauge / Transmitter Specifications".
12	Please elaborate on sl. No 1.4 "Mechanical connection: to be fixed during site visit".	It is clarified that since, the bidders are not obligated in this contract to carryout erection and commissioning, mechanical connections need not be matched. However, bidders are required to supply the equipment as per specifications.
13	<p>The specification for 18 nos. 0-150°C temperature gauge as indicated in sl. No. 1, 3, 4 and 6 is exactly the same for the name / location of the transmitter used by the end user.</p> <p>Please provide the following details, if required:</p> <ul style="list-style-type: none"> a) Bulb length b) Heat gauge range c) Extra stem length d) bulb and stem dia e) Instrument details f) Capillary and temperature compensation 	It is decided that the details will be provided by 24 th July, 2019 to Material Management Division to upload in the DGPC's Website as addendum to the Standard Bidding Document


14	<p>The specification for 18 nos. 0-150°C temperature gauge as indicated in Sl. No. 2, 5 and 7 is exactly the same except for the name/location of the transmitter used by the end user. Please provide the following details, if required:</p> <ul style="list-style-type: none"> a) Bulb length b) Heat gauge range c) Extra stem length d) bulb and stem dia e) Instrument details f) Capillary and temperature compensation g) Thermal image device for VTI 	<p>It is decided that the details will be provided by 24th July, 2019 to Material Management Division to upload in the DGPC's Website as addendum to the Standard Bidding Document</p>
15	<p>The specification for 68 nos. 0-150°C temperature gauge as indicated in Sl. No. 9 to 14 is exactly the same except for the name /location of the transmitter used by the end user. Please provide the following details, if required:</p> <ul style="list-style-type: none"> a) Control switches b) Capillary c) Capillary entry d) Thermal image device for VTI e) Precision potentiometer 	<p>It is decided that the details will be provided by 24th July, 2019 to Material Management Division to upload in the DGPC's Website as addendum to the Standard Bidding Document.</p>

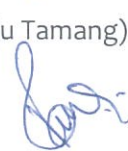

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