



OIL INDIA LIMITED

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CORRIGENDUM

AAA. Reference to tender No.: **SDI9755P19**, for **Indirect Water Heater Package**, please find the following clarification in response to the same technical queries raised by one vendor.

Query 1: Point 1.1 Fluid to be handled: Crude Oil mixed with sweet natural gas & formation water. Please provide Well fluid composition to select the correct properties of stream.

Clarification: Water Bath type heater uses water or glycol as indirect heating medium for heating well stream having different composition of hydrocarbon, flowing through the process coils of the bath heater. The material specification of the process coil should be as per tender specification i.e. Seamless Carbon Steel Pipe as per ASTM A106 Gr. B/ API 5L Gr. B, which will suffice to handle the required well fluid parameter.

Query 2: Clause No. 9 Flame Arrested Burner & Accessories: i) Furnace capacity: 3,000,000 BTU/Hr. (Net): Please clarify this is process heat load or Burner capacity? We understand its Burner capacity. Please confirm that our understanding is correct?

Query 3: d) Main Burner Assembly: Each flame arrestor should be complete with main burner assembly as below:

i) 101.6 mm (4"), The burner mixture shall be of Make Eclipse model NS 160 (016 as per new catalogue number) or equivalent, low pressure compound type atmospheric injector - 02 Nos. As per eclipse model NS 160 (016 New catalogue number), Its capacity is **340000 BTU/hr** each burner/ injector (Data sheet attached refer page no. 2). For 2 Burner total capacity will be **680000 BTU/hr** only (In one heater there are 2 Nos. of Flame arrested Burner as per Clause 9 C) which is very less compare to **3000000 BTU/hr**. and it will never meet the heat load demand requirement. **Please clarify?**

Clarification for query 2 & 3:

- I. There will be only 01 no of fire tube, 01 no of chimney and 01 no of flame arrestor box for burners.

- II. Within the single flame arrestor box, there will be 02 nos of mixture assemblies, 02 nos of burner nozzles, 02 nos of burner orifices & 02 nos of burner pipe nipples.
- III. Kindly refer to item no 3 in drawing no OIL/PDNO/P&D/001/01 attached with the tender, for layout arrangement of 02 nos of burner assemblies within the single flame arrestor box for burners to be provided with the indirect heater.
- IV. The burner mixture shall be of Make Eclipse model NS 160 (016 as per new catalogue number), low pressure compound type atmospheric injector, which is being used widely in Oil India Limited since long, or equivalent.
- V. The furnace capacity of 3.0 MMBtu/hr (Net) is to be considered for designing of fire tube, chimney and flame arrestor box. It will not be applicable for burner make mentioned in the tender.

BBB. Also, please note that the **Bid Closing Date** of the E-Tender No. **SDI9755P19** has been extended upto **22.03.2019** (11:00 Hrs) and Bid shall be opened on **22.03.2019** (at 14:00 Hrs). All bidders are requested to submit their offer before bid closing date & time.

Bidders who do not have E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender i.e. within 15.03.2019 (upto 15:30 Hrs).

Note: All other terms and conditions of the E-Tender no. SDI9755P19 shall remain unchanged.