



“শেখ হাসিনার উদ্যোগ, ঘরে ঘরে বিদ্যুৎ”

বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড

BANGLADESH POWER DEVELOPMENT BOARD



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Memo no. 27.11.0000.101.14. 007.22-1973

Date: 27/04/2022

**Sub: Addendum on BPDB's International Tender No. 27.11.0000.101.14. 007.22-1316 DATED: 20/03/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of skid mounted 85 MMSCFD Gas Regulating and Metering Station (RMS) with 500 meter Interconnection pipeline for Khulna 330MW dual fuel CCGT Project, Khalishpur, Khulna on Turnkey Basis" (Re-Tender).**

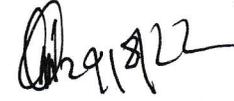
The undersigned is directed to enclose herewith the Addendum No. 02 on the Tender Documents of subjected re-tender in response to the queries from Tenderers. Addendum No. 02 is issued and posted in BPDB website. Moreover, who purchased Tender document are requested to collect the Addendum No. 02 from the office of Directorate of Purchase, BPDB, Dhaka.

**All other terms & conditions of Tender shall remain unchanged.**

**Encl.: Addendum No. 02**

  
Md. Zahid Hossain  
ID No-1-01180  
Deputy Project Director (SE)  
Khulna 330MW CCGT Const. Project  
BPDB, Khulna.

Yours sincerely,



(Mohammad Salim Reza)  
Secretary

Bangladesh Power Development Board.

Memo no. 27.11.0000.101.14. 007.22-1973

Date: 27/04/2022

Copy for information & necessary action to:

1. Secretary, Power Division, Ministry of Power, Energy and Mineral Resources, Dhaka.
2. DG, IMED, Planning commission, CPTU, Dhaka. He is requested to take necessary action for posting the said notice in the CPTU website.
3. Member, P&D/ Generation /Finance, BPDB, Dhaka.
4. Chief Engineer, Generation/ P&D/PSC, BPDB, Dhaka.
5. Project Director, Khulna 330 MW Dual Fuel CCGT, BPDB, Khulna, Bangladesh
6. Controller (Finance & Accounts), BPDB, Dhaka.
7. CSO to Chairman, BPDB, Dhaka.
8. Director, Design & Inspection-1/ System Planning/ Project Planning/ Program/ Finance/ Contract & C.A, BPDB, Dhaka.
9. Director, Purchase, BPDB, Dhaka. He is requested to send Addendum-2 to those, who purchased the Tender Document and to enclose Addendum-2 with the Tender Document before selling. Also, he is requested to take necessary steps for posting the said notice in the CPTU website.
10. Director, Public Relation, BPDB Dhaka. He is requested to take necessary steps to publish the Addendum-2 in national daily newspapers.
11. Senior System Analyst, BPDB Dhaka. He is requested to post the said Addendum in BPDB website.
12. Office copy.



(Ahammad Bhuiyan Lipu)  
Assist. Secretary (Dev.) (Addl. Charge)  
BPDB, Dhaka.

## Addendum-02

**Amendment/Clarification for Design, Supply, Erection, Installation, Testing and Commissioning of skid mounted 85 MMSCFD Gas Regulating and Metering Station (RMS) including 500-meter interconnection pipeline for Khulna 330MW dual fuel CCPP Project, BPDB, Khalishpur, Khulna on Turnkey Basis (Re-Tender).**

**Tender Ref. No.: 27.11.0000.101.14.007.22-1316 date: 20/03/2022**

S.N.	Reference Of the Tender Document	Topic	Tenderer's Query	Clarification
1.	Section-6.2.5.12.4: Design requirements  Chromatograph system  Page:572	The contractor shall provide Chromatograph system with all the necessary accessories that shall be capable with online sampling from metering pipeline for analyzing gas sample with gas composition C1 to C6+ including H <sub>2</sub> S, CO <sub>2</sub> , N <sub>2</sub> , Hg or any other in trace value.	i) Hg can not be measured by GC because Hg analyzers are ultraviolet, not chromatographic. Please confirm, Hg must be measured in this chromatograph analyzing system or not.  ii) For H <sub>2</sub> S, LNG is very clean almost without H <sub>2</sub> S. Would you consider to cancel H <sub>2</sub> S analyzing composition? or tenderer can choose special analyzer for H <sub>2</sub> S measurement independently in order to chromatographic analyzing system work well in the future, this method is popular in oil-gas field. Please, Clarify.	i) As per Tender  ii) As per Tender  No special analyzer for H <sub>2</sub> S measurement is required in this regard.
2.	Section-5 & 6  Page-145, 157 & 160	Page 145, 5.1, 5.2 & 5.3 of schedule No. 1.1 showed SSV is 16" dia x Class 300 RF Flanged, Regulator is 12" dia x Class 300 RF Flanged; but page 157, 2.1-2.4 of schedule No. 1.2 showed spare part of regulator is for 10" dia x Class 300 RF Flanged, but Page 160, 7.1 of schedule No. SSV is 12" dia x Class 300 RF Flanged	i) Which is right? ii) We suggest SSV 12"Ø Class 300RF flanged & regulator 10"Ø Class 300RF are suitable for this project after calculating process. We have attached the respective calculation data sheet of SSV & regulators for your kind information and reference. Please check attached calculation data sheet and clarify.	SSV will be 16" dia x Class 300 RF Flanged and Regulator will be 12" dia x Class 300 RF Flanged. Accordingly, all spare parts of SSV and Regulator must be considered.
3.	Section 6.2.1.2: Design Basis: Design Data /Criteria	Design Basis showed design capacity is 85MMSCFD but PID	Please Clarify flow rate of this project.	Design Capacity of RMS will be 85 MMSCFD

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S.N.	Reference Of the Tender Document	Topic	Tenderer's Query	Clarification
	Design Capacity Page: 250.	drawing showed flow rate 80MMSCFD		
4.	Section 6.1.1 Page-210	RMS Land size area will be 58m x 43m	Is it possible to increase RMS Land size to 70m x 50m? Reasons are below: a) In this project, Water Bath Heater unit is large equipment with big size & fire working, normally WBH should be put apart out of normal RMS area; b) Meanwhile, Contractor should consider the safety distance between WBH and other RMS area & office Control building, please clarify whether the RMS Land area can be exaggerated to 70m x 50m.	RMS Land area size will be as per Tender i.e., 58m x 43m  Tenderer are requested to design the WBH in such a manner that adequate safety distance should be considered.
5.	Section 6.2.1.2.2 Design Parameter Page: 250	Design Parameter showed "Design Pressure is 400Psig" but in Page 253, KOD and Page 253, FS require Design Pressure is 720 Psig.	Is it possible to keep same design pressure 400 Psig for KOD and FS to avoiding over-design? Meanwhile A105 flange can not meet "Maximum ambient still temperature 60°C when design pressure of KOD and FS is 740 Psig.	KOD, FS are of ANSI Class. As per ANSI standard, the design pressure of KOD, FS is 720 Psig. Therefore, it is not possible to keep design pressure 400 Psig for KOD and FS.
6.	Section 6.2.5.12.4 Design Requirements Page: 572	The Chromatograph shall produce gas composition including hydrocarbon contents (HC), Higher Heating Value (HHV), Lower Heating Value (LHV), and Hydrocarbon dew points among other characteristics required for standard characterization of gas samples under custody metering /transmission.	For Hydrocarbon Content (HC): This is another measurement system; Chromatographic analyzing system can't measure this HC. Is it necessary to measure HC?	It is necessary to measure HC by Gas Chromatograph.

**N.B: All other terms and condition shall remain unchanged.**

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