

M/s. Bhima Sakhar Sugar Karkhana at Takali Sikandar – Solapur.

MOM Held between M/s. Bhima SSK and M/s. Uttamenergy Ltd. As on 27-03-2018:-

Dear Sirs,

This is informing you that, M/s. Uttam Energy Ltd had successfully commissioned the following areas.

1. Boiler is successfully commissioned with fully automation system and working smoothly.
2. Single element control has done successfully.
3. Attenuator spray control has done successfully.
4. Deaerator Level control has done successfully.
5. All instruments are taken into DCS (Transmitters, Control Valves and MOVs).
6. 20TPH and 75TPH PRDS are successfully commissioned and working smoothly.
7. SWAS erection work has completed including sample lines.
8. ESP Pre-Commissioning successfully done.
9. Bagasse feeder interlock has done.
10. FD Fan and ID Fan automatic interlock controlling done successfully.
11. Furnace draft controlling done successfully.
12. 17MW Turbine instrument cabling work has done by 90%.

The following work has to be completed,

1. SWAS Commissioning (To be completed when the boiler on load condition).
2. ESP Commissioning (To be completed after insulation work completed).
3. 17MW Turbine commissioning (To be completed).
4. Three element control to be done (When boiler on fully load condition).
5. Soot blower commissioning to be done.
6. VFD engineer is required for Bagasse extractor for lower RPM issue
7. Instrumentation:
 - a) Level switch mounting on Feed water tank (Pending due to tapping problem).
 - b) Three transmitter's impulse piping (After 17MW blowing completion).
 - c) 17MW Pressure switches SS tubing and Pressure transmitter's impulse piping work to be completed.
 - d) HP Heater and Deaerator Steam charge pending.

M/s. Bhima SSK

- 1) Mr.S.K Nimbalkar(GM)
- 2) Mr. G.D . Ghadage(Cog-M)
- 3) Mr. K.A. Yadur(Inst-Engg)
- 4) Mr. S.P. Atkare(Asst.Engg)

M/s.Uttam Energy Ltd.

- 1) V.Hari Krishna(E&I Engg)
- 2) S.P.Chaurasia(Site-Incharge)

Handwritten signature: Hari Krishna
27/3/18

Bhima SSK Ltd. Takali Sikandar
Tal. Mahad, Dist. Solapur.

UTTAM ENERGY SYSTEMS LTD.
Maharashtra
4 Dhule District
Maharashtra-431 001.

M/s. Bhima Sakhar Sugar Karkhana at Takali Sikandar – Solapur.

75TPH & 20TPH PRDS Station Commissioned as on date 15-03-2018 :-

Dear Sirs,

This is informing you that , M/s.Uttam Energy Ltd had successfully commissioned and charged PRDS stations of 75TPH and 20TPH , We given steam to sugar process successfully. Now client is operating the same for their sugar process.

Regards,

Hari Krishna V.

M/s. Bhima SSK

- 1) Mr.S.K Nimbalkar(GM)
- 2) Mr. G.D . Ghadage(Cog-M)
- 3) Mr. S.P. Atkare(Asst.Engg)
- 4) Mr. K.A. Yadur(Inst-Engg)

M/s.Uttam Energy Ltd.

- 1) V.Hari Krishna(E&I Engg)
- 2) S.P.Chaurasia(Site-Incharge)

Hari Krishna
13/3/18

KS
13/03

Date : February 5, 2018

INSTRUMENTATION WORK AT BHIMA SSK LTD TAKALI

Sr. No.	Description	Status
1	Total 6 MOVs field side gland termination is to be done. MOV JB's to DCS panel cable laying work to be done.	✓ OK
2	TG building- 14mtr PRDS area _ MOV JB 9 total termination to be done.	✓ OK
3	17MW Turbine total instrumentation erection and cabling work to be done.	Pending
4	Total transmitters are 68 nos, in that erected 33nos. Out of 33no transmitters - 23nos transmitters field cabling has completed	58 Transmitters installed
5	RTDs Field to JB cabling also to be done. <i>2 One Rtd Cabling work Pending</i>	OK ✓
6	Oxygen Analyser installation and cabling work to be done.	OK ✓
7	Draft Gauge piping and installation to be done	OK ✓
8	Instrument airline work to be done.	OK ✓
9	All level switch installation and cable tray and cable laying work to be done	OK ✓
10	17MW MCC Marshalling cable termination work to be done.	OK ✓
11	ESP work is totally 100% to be done.	OK ✓
12	All control valves field to JB's cable laying and termination to be done.	OK ✓
13	UPS installation and cabling work.	OK ✓
14	SWAS panel to panel SS tubing and Multicore cabling work from DCS to SWAS panel.	Cabling done SS Tubing work to be done
15	Power management panel to 17mw and 8mw cabling work.	OK ✓
16	Part work of Instrument installation & impulse piping at DA tank area.	OK ✓

Remark: For Pending work:-

- 1) IBR welding for 30 Transmitters
- 2) Installation of 10 Transmitters (17MW Pipeline), Drain plug to be attend for all transmitter impulse line
- 3) SWAS Panel SS Tubing
- 4) 17MW Turbine balance cabling work & Instruments Installation
- 5) STDE Scope of Supply.
- 6) Balance Ferrule work to be attend
- 7) If found any balance work at Boiler to be attend.

Flaxi Krishna S. J. 17
Atam Energy

Bhima S.S.K. Ltd. Takali - Siker.
Tal. Mohor, Dist. Solapur.

Sar Service
A/p. Mahaling Tal. Malahiras Dist. Solapur.
Pin-413115 Prop. K. Mahaling Bannar Bayya.
Mob. 7337360706