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USAID ENERGY POLICY PROGRAM

INSPECTION REPORT – NOV. 2012 MUZAFFARGARH THERMAL POWER STATION

December 2012

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USAID ENERGY POLICY PROGRAM

INSPECTION REPORT – NOV. 2012

MUZAFFARGARH THERMAL POWER STATION

Contract No: AID-EPP-I-00-03-00004

Order No: AID-391-TO-12-00002

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INTRODUCTION

Mr. Richard P. Smith, Senior Generation Specialist, and Mr. Abdul Waris Khan, Senior Energy Expert, visited Muzaffargarh Thermal Power Station on November 14-15, 2012. The plant visit was undertaken in response to a formal request from the plant's FARA Coordinator (see Appendix 1). The purpose of the visit was to verify equipment received by the plant was in accordance with PIL numbers 6, 9, 21, 28, 29, and 30 of Project Implementation Letter number 1, Activity Agreement Number 391-006-AA-MUZ-2012-00.

FINDINGS

1. PIL Number 6: GRC Fan Impellor/Rotor for Unit #5

The Plant is awaiting the visit of the National Insurance Company Surveyor to open the containers with the equipment.

From review of the associated purchase order it can be seen that the ordered equipment is in accordance with the specifications as given in Project Implementation Letter number 1, Activity Agreement Number 391-006-AA-MUZ-2012-00, PIL #6.

2. PIL Number 9: Steam Turbine Parts

The equipment inspected is in accordance with the specifications as given in Project Implementation Letter number 1, Activity Agreement Number 391-006-AA-MUZ-2012-00, PIL #9.

3. PIL Number 21: Economizer Parts for Units 5 and 6

The plant is awaiting the visit of the National Insurance Company Surveyor to open the containers with the equipment, but as the economizer parts are packed in open-steel containers for transportation it was possible to inspect them.

From review of the associated purchase order it can be seen that the ordered equipment is in accordance with the specifications as given in Project Implementation Letter number 1, Activity Agreement Number 391-006-AA-MUZ-2012-00, PIL #6.

4. PIL Number 28: 0.4kV Motors for Cooling Tower Fans and Air Preheaters for Units #5 and 6

From review of the associated purchase order it can be seen that the ordered equipment is in accordance with the specifications as given in Project Implementation Letter number 1, Activity Agreement Number 391-006-AA-MUZ-2012-00, PIL #28

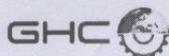
5. PIL Number 29: 6.6kV Motors: Boiler Feedwater, Induced Draft Fan, Forced Draft Fan, and Condensate Pump

The Plant is awaiting the visit of the National Insurance Company Surveyor to open the containers with the equipment. Partial equipment was received and remaining will be expected to reach in July 2013.

6. PIL Number 30: 6.6KV Switchgear

The Plant is awaiting the visit of the National Insurance Company Surveyor to open the containers with the equipment. Partial equipment was received and remaining will be expected to reach in July 2013.

APPENDIX 1 MUZAFFARGARH REQUEST FOR INSPECTION



NORTHERN POWER GENERATION COMPANY LTD.

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OFFICE OF THE
CHIEF EXECUTIVE OFFICER,
NPGCL, (GENCO-III) TPS,
MUZAFFARGARH.

No. CEO /MZG/RE-I/T-ICB CASES/ 9318-22

Dated. 08 / 11 / 2012

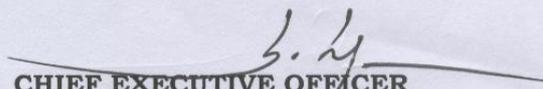
✓ The Chief of Party,
USAID Energy Policy Programme,
Energy Policy Project,
House No.4, Street No. 88,
G-6/3, Islamabad.
Fax: 051-8357071

Subject: INSPECTION OF RECEIVED MATERIAL AGAINST UNDER MENTIONED PURCHASE ORDERS.

Material received at Thermal Power Station site Muzaffargarh of PIL line items Nos. 06, 09, 21, 28, 29 & 30 of Attachment-IV. The details are as under:-

Sr. No.	PIL No.	Purchase Order No.	Description	Date of Material Received at Site
1.	PIL-6	CEO/MZG/RE-4/T-1727/PO/ 5423-33 dated 23.09.2011.	Electric Motors for C.T. Fan (02 Nos.) and for GRC Fan (01 No) for Units 1, 2 & 3, TPS, Muzaffargarh.	18.10.2012.
2.	PIL-9	CEO/MZG/RE-4/T-1730(A)/PO /5434-44 dated 24.09.2011.	Re-blading of LP Rotor (LP Turbine Rotor blades of row (6&7), pins & locking device) Unit-4, TPS, Muzaffargarh.	15.10.2012.
3.	PIL-21	CEO /MZG/ RE-4/ PO/ MZF-27/ 7013-23 dated 29.11.2011.	Economizer Tubes for both Units (02 Set) Units 5 & 6, TPS, Muzaffargarh.	23.10.2012 to 25.10.2012
4.	PIL-28	CEO/MZG/RE-4/T-1747(A)/PO /4135-45 dated 02.08.2011.	Procurement of 0.4KV Motors for Cooling Towers Fan. APH Motors (02 Nos.) for Units 5& 6, TPS, Muzaffargarh.	15.10.2012.
5.	PIL-29	CEO/MZG/RE-4/T-1747(C) & T-1738 (A)/PO/5586-96 dated 01.10.2011.	Procurement of 6.6KV Motor for C.W. pumps, CP, ID Fan, FD Fan & BF Pumps (5 Nos.) Units 5& 6, TPS, Muzaffargarh.	02.11.2011
6.	PIL-30	CEO /MZG/ RE-4/ PO/ T-01/ 7024-34 dated 30.11.2011.	Procurement of 6.6/0.4KV Breaker (5 No. 6 KV breaker, 18 Nos. 0.4kv Breakers), for Units 5& 6, TPS, Muzaffargarh.	01.11.2012

It is therefore requested that representative of USAID be deputed at the earliest to inspect the said material at site TPS, Muzaffargarh.


CHIEF EXECUTIVE OFFICER
GENCO-III, TPS, MUZAFFARGARH.

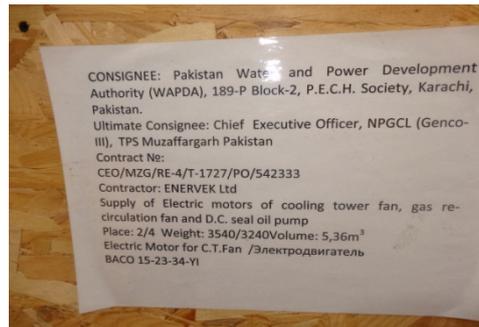
Copy to:-

1. General Manager (Thermal) 197-Wapda House Lahore.
2. Finance Director, GENCO-III, TPS Muzaffargarh.
3. Resident Engineer-I, II & IV, TPS, Muzaffargarh.
4. P.A to Chief Executive Officer, GENCO-III, TPS Muzaffargarh.

APPENDIX 2 PIL #6 PHOTOGRAPHS

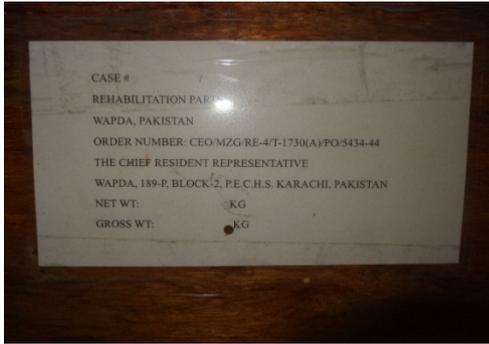


Photograph 1: Nameplate (in Russian) for Gas Recirculation Fan Motor



Photograph 2: Container showing PO number

APPENDIX 3: PIL #9 PHOTGRAPHS



Photograph 1: Container showing PO number



Photograph 2: Turbine Blades in Crates



Photograph 3: Crate with Turbine Blades

APPENDIX 4: PIL#21 PHOTOGRAPHS OF ECONOMIZER PARTS



Photographs 1A Container showing PO number and Photograph 1B: Container Nameplate data showing PO number



Photographs 2A and B: Economizer Tubes in Containers



Photographs 3A and 3B: Economizer Headers and tube containers

APPENDIX 5: PIL#28 PHOTOGRAPHS



Photographs 1A and 1B Containers showing PO numbers



Photograph 2: Container showing Motor Specifications



Photograph 3: View of motors in container



Photograph 4: Container showing Motor Nameplate data

