राष्ट्रीय इस्पात निगम लिमिटेड
(भारत सरकार का उपक्रम)
Rashtriya Ispat Nigam Limited
(A Government of India Undertaking)

ISO 9001 | ISO 14001

FINAL ACCEPTANCE CERTIFICATE (FAC)

(FINAL ACCEPTANCE CERTIFICATE AS PER CLAUSE NO. 21.0 OF GCC)

Ref:-VSP/16/ Constn-SP-3/NEDO/PEC/100 Date: **4th May.2016**

To,
M/s Precision Engineering Corporation
99-B, Industrial Estate, Bhila 490 026. **Kind attn: Mr. Harshdeep Gupta**
Chattishgarh.

Name of the Contractor: **M/s Precision Engineering Corporation.**
Contract Agreement No.:

1. Agreement No: VSP/CONT/NEDO/PEC/D&E-SUPP/M-1161/2011-2012, DT: 29.07.2011
2. Agreement no.VSP/CONT/NEDO/PEC/EREC/M-1163/2011-2012, dated 29.07.2011.

Ref. Provisional Acceptance Certificate No. :

1. VSP/15/CONSTN/SP/NEDO/PEC/188 dated 19.09.2015

Description of the Work:

1. Design & Engineering, supply of Plant Machinery & Equipment and supply of Commissioning spares FOR site for the work" Technological Structures & Mechanical Balance of Plant and Equipment Erection package for NEDO model project for installation of 20.6 MW Waste Heat Recovery on Straight Line Cooler of Sinter Machine 1 & 2 (Spec. No.TS No.MEC/S/Q6R5/A/02/S3/0006)" as per agreed scope of work complete in all respects.

2. "Storage, Handling, Erection (including Civil & Structural works if any) commissioning and PG Tests of Plant & Equipment including supervision of all site services and insurance For the work "Technological Structures & Mechanical Balance of Plant and Equipment erection package for NEDO Model Project for installation of 20.6 MW Waste Heat Recovery on Straight Line Cooler of Sinter Machine 1 & 2 (Spec. No. TS No. MEC/S/Q6R5/A/02/S3/0006)" as per agreed scope of work complete in all respects.

Ref:

1. Job code : 003553 Party Code : 650335 Responsibility Code :750140
2. Job code : 003554 Party Code : 650335 Responsibility Code : 750140

Dear Sir,

Pursuant to clause No. 21.0 (Final Acceptance) of the General Conditions of the Contract entered into between yourselves and the Employer dated 29th July' 2011 Design & Engineering, Supply of Plant Machinery & Equipment and Supply of commissioning spares for site for the work & Storage, Handling, Erection (including civil & structural woks if any), commissioning and PG tests of Plant & Equipment including supervision of all site services and insurance for the work "Technological Structures & Mechanical Balance of Plant and Equipment Erection package for NEDO model project for installation of 20.6 MW Waste Heat Recovery on Straight Line Cooler of Sinter Machine 1 & 2 (Spec. No. TS No. MEC/S/Q6R5/A/02/S3/0006)" as per agreed scope of work complete in all respects" under NEDO project at Visakhapatnam Steel Plant (VSP), Visakhapatnam,

हिन्दी के प्रयोग का स्वागत है, पत्र का उत्तर शीघ्र दिया जायेगा ।

Please send your reply to :

VIZAG STEEL
RASHTRIYA ISPAT NIGAM LIMITED
PRIDE of STEEL

विशाखपट्टणम इस्पात संयंत्र, विशाखपट्टणम-530031
Visakhapatnam Steel Plant, Visakhapatnam - 530 031

Phones : +91 891 - 2518722
Fax : +91 891 - 2518722
E-mail : bnkiniyan@vizagsteel.com
Grams : 'UBEAM'

Regd. Office : Visakhapatnam Steel Project, Administrative Building, Visakhapatnam - 530 031, INDIA.
पंजीकृत कार्यालय : विशाखपट्टणम इस्पात परियोजना, प्रशासनिक भवन, विशाखपट्टणम-530031, भारत

राष्ट्रीय इस्पात निगम लिमिटेड
(भारत सरकार का उपक्रम)
Rashtriya Ispat Nigam Limited
(A Government of India Undertaking)

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Contd..2...

We hereby certify that you have completed the following work on satisfactory completion of Performance Tests are capable of operating at the specified conditions of the Agreement to give desired output under integrated operation. It is also certified that you have fulfilled all of your contractual obligations in terms of Warranty/Guarantee period, delivery of remaining drawings and documents including completeness of the scope of work, on the date specified below, and that, in accordance with the terms of the Contract.

1. **Description of the Work or part hereof** :
   Design & Engineering, Supply of Plant Machinery & Equipment and Supply of commissioning spares for site, Storage, Handling, Erection commissioning and PG tests of Plant & Equipment including supervision of all site services and insurance for the work "Technological Structures & Mechanical Balance of Plant and Equipment Erection package for NEDO model project for installation of 20.6 MW Waste Heat Recovery on Straight Line Cooler of Sinter Machine 1 & 2 (Spec. No. TS No. MEC/S/Q6R5/A/02/S3/0006)" .

2. **Date of completion** : 21.03.2016

This letter does not relieve you of your obligations during the Warranty/Guarantee period in accordance with the Contract.

Yours Faithfully,
For RINL/Visakhapatnam Steel Plant.

(K.Venkat Rao)
A. G. M.(C)-SP(Constn)"Engineer"

Please send your reply to :

विशाखपट्टणम इस्पात संयंत्र, विशाखपट्टणम-530031
Visakhapatnam Steel Plant, Visakhapatnam - 530 031

Phones : +91 891 - 2518722
Fax : +91 891 - 2518722
E-mail : bnkiniyan@vizagsteel.com
Grams : 'UBEAM'

Regd. Office : Visakhapatnam Steel Project, Administrative Building, Visakhapatnam - 530 031, INDIA.
पंजीकृत कार्यालय : विशाखपट्टणम इस्पात परियोजना, प्रशासनिक भवन, विशाखपट्टणम-530031, भारत

Ref. No. VSP/16/Constn-SP-3/NEDO/PEC/ 100 Date. 04.05.2016.

List of major items covered for the work "Technological structures & mechanical balance of plant and equipment erection package for NEDO model project of RINL, Visakhapatnam Steel Plant..

Sl. No	Description	Qty	
		Supply	Erection
1	Fabrication & supply of Ducting & Technological Structures for Boilers and sinter cooler area	2748 tons	2748 tons
2	Procurement & Supply of Equipments for Compressed Air System consisting of Compressor, Dryer and Air receiver tank	1 Lot	1 Lot
3	Piping for Water, Air , Nitrogen and IBR up to 1200 mm dia.	1 Lot	1 Lot
4	Procurement and Supply of Air Conditioning System and accessories like GI ducting, Insulation, Piping ,valves, instruments (Pressure Gauge and Temperature Gauges) consisting of Packaged Air conditioners 22TR-3no's & 17TR-4n0's	1 Lot	1 Lot
6	Dust Extraction & Pneumatic Conveying System for Sinter dust with accessories and Auxiliaries.	1 Lot	1 Lot
7	Procurement and Supply of Ventilation System and accessories like GI ducting		
	Ventilation fans		
	Centrifugal fan - 60000cmh	1no	1no
	Exhaust air axial flow fan 50000cmh at 15mmwc	10no's	10no's
	Exhaust air axial flow fan 5000cmh at 15mmwc	3no's	0
	Exhaust air axial flow fan 10000cmh at 15mmwc	4no's	2no's
	Exhaust air axial flow fan 2500cmh at 7mmwc	2no's	2no's
	Exhaust air axial flow fan 2500cmh at 5mmwc(propeller type)	1no	1no
8	Circulation fan, capacity 7,40,000 Nm2/Hr, 40mmwc	-	2 No's
9	Modification of existing Sinter Coolers to make it compatible for the system.	210 tons	201 tons
10	Erection & commissioning of 2 nos. of Boilers of capacity 59 TPH, Turbine, Generator, Condenser etc. through M/s GAGAN Projects Pvt. Ltd.	1 Set	1 Set.

(K. Venkata Rao)

A.G.M.(C)-SP(Constrn.), "Engineer"

के. वेंकट राव
K. VENKATA RAO
सहायक महा प्रबंधक (निर्माण)
Asst. General Manager (Constn.)
एस. पी.(निर्माण) / S.P. (Constn.)
विशाखपट्टणम इस्पात संयंत्र
Visakhapatnam Steel Plant
विशाखपट्टणम / Visakhapatnam-53...