



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 05

Ref: PSER:SCT:PAL-M1011:TCN-05

Date: 08-05-2009

Sub	Tender change notice (TCN) 05.	
Job	<i>Logistics of ODC Consignment from Various BHEL Manufacturing units and or Port of Origin to Palatana site through Road & Waterways for Unit # 1 & 2 of 726.6 (2X363.3) MW Gas based CCPP at Palatana, Udaipur, Tripura</i>	
Ref	1.0	Tender no PSER:SCT:PAL-M1011:09
	2.0	BHEL's NIT, vide reference no PSER:SCT:PAL-M1011, dated 11-04-09
	3.0	BHEL's TCN-01 vide ref. no. PSER:SCT:PAL-M1011:TCN-01, dated 23-04-09
	4.0	BHEL's TCN-02 vide ref. no. PSER:SCT:PAL-M1011:TCN-02, dated 24-04-09
	5.0	BHEL's TCN-03 vide ref. no. PSER:SCT:PAL-M1011:TCN-03, dated 04-05-09
	6.0	BHEL's TCN-04 vide ref. no. PSER:SCT:PAL-M1011:TCN-04, dated 05-05-09
	7.0	Other references (if any).

With reference to above, following points, relevant to tender, may please be noted and complied with while submitting offer.

1.0 The following four Annexure of VOI-ID & II of tender document has been revised & supersedes earlier respective Annexure. The revised following Annexure as enclosed only shall be considered during submission of offer.

a) ANNEXURE – A (REV): DELIVERY SCHEDULE OF UNIT# 1 & 2 ODC ITEMS

b) ANNEXURE – I (REV): ITEMWISE TRANSPORTATION PAYMENT % WEIGHTAGE (TOTALLY 100% OF 60% OF CONTRACT VALUE, AS PER CL NO. 3.3. 4.4 OF CHAPTER 3)

c) ANNEXURE – I A (REV): ITEMWISE % WEIGHTAGE BREAK UP FOR PAYMENT AGAINST STORAGE/HANDLING & PRESERVATION AS PER CL NO. 3.3. 4.5 OF CHAPTER 3)

d) ANNEXURE –II (REV): DETAILS OF ODC CONSIGNMENT FOR PALATANA 726.6 MW CCPP

2.0 Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.

3.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

DGM (SCT)

Enclosure:

1. Revised 'No deviation certificate.'

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	<i>Logistics of ODC Consignment from Various BHEL Manufacturing units and or Port of Origin to Palatana site through Road & Waterways for Unit # 1 & 2 of 726.6 (2X363.3) MW Gas based CCPP at Palatana, Udaipur, Tripura</i>	
Ref	1.0	Tender no PSER:SCT:PAL-M1011:09
	2.0	BHEL's NIT, vide reference no PSER:SCT:PAL-M1011, dated 11-04-09
	3.0	BHEL's TCN-01 vide ref. no. PSER:SCT:PAL-M1011:TCN-01, dated 23-04-09
	04	BHEL's TCN-02, vide ref. no PSER:SCT:PAL-M1011:TCN-02, dated 24-04-09.
	05	BHEL's TCN-03, vide ref. no PSER:SCT:PAL-M1011:TCN-03, dated 04-05-09.
	06	BHEL's TCN-04, vide ref. no PSER:SCT:PAL-M1011:TCN-04, dated 05-05-09.
	07	BHEL's TCN-05, vide ref. no PSER:SCT:PAL-M1011:TCN-05, dated 08-05-09.
	08	Other references (if any).

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SALLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691/ 1798

Annexure – A

DELIVERY SCHEDULE OF UNIT# 1 & 2 ODC ITEMS

SL. No.	Major equipment/module	BHEL Unit	Weight (MT)/ Total No. of consignments	Dimensions (in Mtr)	DATE OF DISPATCH		Starting point for Transportation
					Unit #1	Unit #2	
1	GAS TURBINE FRAME 9A	Hyderabad	325 / 2	10.6X4.953X4.986	04/10	07/10	-Unit # 1 GT from Kolkata/Haldia port and -Unit #2 GT from BHEL-Hyderabad.
2	HP-ST K MODULE 125 MW	Hyderabad	110 / 2	8X5X4.5	06/10	08/10	-Both From BHEL, Hyderabad.
3	ST GEN STATOR 125 MW	Hyderabad	235 / 2	10.5X5.0X4.80	06/10	11/10	Both the ST Gen. Stators are from BHEL-Hyderabad .
4	GTG 250 MW STATOR	Haridwar	228 / 2	7.52X4.20X4.77	06/10	11/10	From BHEL, Haridwar.
5	HRSB - HP DRUM	Trichy	175 / 2	16.7X3.5X3.8	03/10	03/10	From BHEL, Trichy
6	HRSB - IP DRUM	Trichy	38 / 2	16.7X3.5X3.8	02/10	02/10	From BHEL, Trichy
7	HRSB - LP DRUM	Trichy	25 / 2	16.7X3.5X3.8	03/10	03/10	From BHEL, Trichy
8	HRSB - MODULE	Trichy	105 /53	23.4X3.95X3	08/09 to 12/09	12/09 to 03/10	From BHEL, Trichy
9	HRSB - HEADERS	Trichy	11 / 18	15X2X2	01/10 to 02/10	02/10 to 03/10	From BHEL, Trichy
10	214 MVA GTG Transformer	Bhopal	176 / 2	8.5x3.9x4.4	07/10	08/10	From BHEL, Bhopal
11	142 MVA STG Transformer	Bhopal	138 / 2	8x3.8x4.3	07/10	08/10	From BHEL, Bhopal
12	125 MVA Auto Transformer	Bhopal	116 / 1	10x3.9x4.4	07/10	-	From BHEL, Bhopal
13	80 MVAR Shunt Reactor	Bhopal	78 / 1	6.77x3.32x3.275	07/10	-	From BHEL, Bhopal
14	50 MVAR Shunt Reactor	Bhopal	75 /2	6.43x3.32x3.19	07/10	08/10	From BHEL, Bhopal

Annexure – I

Itemwise transportation payment % weightage (*Totally 100% of 60% of contract value*, as per cl no. 3.3. 4.4 of Chapter 3)

Sl.	DESCRIPTION	TO BE LIFTED FROM	QTY (NOS.)	% weightage for total qty. for payment purpose	% weightage for one no. of each item for payment purpose
1	Gas Turbine Fr 9FA-flange to flange	Unit #1 GT from HALDIA/KOLKATA PORT & Unit # 2 GT from BHEL-HYD	2	24	12.00
2A	STEAM TURBINE GENERATOR-STATOR unit #1	BHEL-HYD	1	6.5	6.50
2B	STEAM TURBINE GENERATOR-STATOR unit #2	BHEL-HYD	1	6.5	6.50
3	Steam Turbine K_module assembled	BHEL-HYD	2	6	3.00
4	Gas Turbine Generator Stator	BHEL-HARIDWAR	2	10	5.00
5	HP Drum for HRSG-1	BHEL-TRY	2	6	3.00
6	IP Drum for HRSG-1	BHEL-TRY	2	1	0.50
7	LP Drum for HRSG-1	BHEL-TRY	2	1	0.50
8	Module for HRSG-1 (12 Modules together will be packed in one pack)	BHEL-TRY	53	18	0.339623
9	Headers for HRSG	BHEL-TRY	18	4	0.2222222
10	214 MVA Gas turbine Generator Transformer	BHEL-BHOPAL	2	6	3.00
11	142 MVA Steam turbine Generator Transformer	BHEL-BHOPAL	2	6	3.00
12	125 MVA Auto Transformer	BHEL-BHOPAL	1	2	2.00
13	80 MVAR shunt Reactor	BHEL-BHOPAL	1	1	1.00
14	50 MVAR shunt Reactor	BHEL-BHOPAL	2	2	1.00

Annexure – I A

Itemwise % weightage break up for payment against storage/handling & preservation as per cl no. 3.3. 4.5 of Chapter 3)

Sl.	DESCRIPTION	QTY (NOS.)	% weightage for storage of total qty. for payment purpose at both locations (Port of Origin & Port of Discharge)	% weightage for one no. of each item for payment purpose at both location. (Each location payment to be split on prorata basis)
1	Gas Turbine Fr 9FA-flange to flange	2	24	12.00
2A	STEAM TURBINE GENERATOR-STATOR unit #1	1	6.5	6.50
2B	STEAM TURBINE GENERATOR-STATOR unit #2	1	6.5	6.50
3	Steam Turbine K_module assembled	2	6	3.00
4	Gas Turbine Generator Stator	2	10	5.00
5	HP Drum for HRSG-1	2	6	3.00
6	IP Drum for HRSG-1	2	1	0.50
7	LP Drum for HRSG-1	2	1	0.50
8	Module for HRSG-1 (12 Modules together will be packed in one pack)	53	18	0.339623
9	Headers for HRSG	18	4	0.2222222
10	214 MVA Gas turbine Generator Transformer	2	6	3.00
11	142 MVA Steam turbine Generator Transformer	2	6	3.00
12	125 MVA Auto Transformer	1	2	2.00
13	80 MVAR shunt Reactor	1	1	1.00
14	50 MVAR shunt Reactor	2	2	1.00

Annexure – II

DETAILS OF OD CONSIGNMENT FOR PALATANA 726.6 MW CCPP

SI.	DESCRIPTION	TO BE LIFTED FROM	WT. (MT)	DIMENSIONS (in M)	NOS. OF CONSIGNMENT
1	Gas Turbine Fr 9FA-flange to flange	Unit #1 GT from HALDIA/KOLKATA PORT & Unit # 2 GT from BHEL-HYD	325	10.60X4.95X4.986	2
2A	STEAM TURBINE GENERATOR-STATOR #1	BHEL-HYD	235	10.5X5.0X4.80	1
2B	STEAM TURBINE GENERATOR-STATOR #2	BHEL-HYD	235	10.5X5.0X4.80	1
3	Steam Turbine K_module assembled	BHEL-HYD	110	8.0X5.0X4.5	2
4	Gas Turbine Generator Stator	BHEL-HARIDWAR	228	7.52X4.20X4.77	2
5	HP Drum for HRSG-1	BHEL-TRY	175	16.7X3.5X3.8	2
6	IP Drum for HRSG-1	BHEL-TRY	38	16.7X3.5X3.8	2
7	LP Drum for HRSG-1	BHEL-TRY	25	16.7X3.5X3.8	2
78	Module for HRSG-1 (12 Modules together will be packed in one pack)	BHEL-TRY	105	23.4X3.95X3.0	53
9	Headers for HRSG	BHEL-TRY	11	15X2X2	18
10	214 MVA Gas turbine Generator Transformer	BHEL-BHOPAL	176	8.5X3.9X4.4	2
11	142 MVA Steam turbine Generator Transformer	BHEL-BHOPAL	138	8.0X3.8X4.3	2
12	125 MVA Auto Transformer	BHEL-BHOPAL	116	10.0X3.9X4.4	1
13	80 MVAR shunt Reactor	BHEL-BHOPAL	78	6.77X3.32X3.275	1
14	50 MVAR shunt Reactor	BHEL-BHOPAL	75	6.43X3.32X3.19	2

Note : Dimension specified in Annexure-II is indicative and for the guidance to the bidder. Actual dimension may vary upto +5% regarding length & width. However height of consignment originating from MUs shall not exceed 5.0 metres. In case the dimension exceeding allowable limit, the matter will be mutually settled between BHEL & Vendor.