



**OPEN TENDER ENQUIRY FOR COMPRESSED AIR SYSTEM FOR 1X 800 MW GSECL
WANAKBORI STPP UNIT 8**

Ref No. : PE/PG/WAN/E-5059/2015

Date: 11.12.2015

CORRIGENDUM/ ADDENDUM- 4

Tender Enquiry no.: PE/PG/WAN/E-5059/2015
Date: 15.10.2015,

EXTENDED DUE DATE
24 Dec 2015
10:00 AM

Sir,

Please find Corrigendum/Addendum -4 to subject enquiry :-

1) The due date & time of bid submission of referred Tender enquiry is hereby extended up to 24.12.2015 at 10:00 AM. Part – I (Techno-Commercial) bids shall be opened at 11.30 AM on 24.12.2015.

All bidders are requested to submit their offers in Tender Room behind reception desk at BHEL-PEM office well before due date and time.

2) Price Schedule for Main Supply(i.e. Annexure-1 of Price Schedule) to Indian Bidder and Foreign bidder is revised to include prices of Main Supply only . This revised Price schedule for Main supply is enclosed and is to be followed in place of Annexure-1 i.e. Main Supply Price Schedule issued earlier with enquiry. All other price schedules except those mentioned at Pt. 2 & 3 of this corrigendum (enclosed) to remain unchanged and to be followed.

3) Inclusion of Swach Bharat Cess in price schedules for both Indian and Foreign Bidders on Erection and Commissioning. The corrected price schedules to be used are as enclosed. Swach Bharat Cess shall be included in evaluation. All other price schedules except those mentioned at Pt. 2 & 3 of this corrigendum (enclosed) to remain unchanged and to be followed.

Ashutosh Sharma
11/12/15

Please contact:

Ashutosh Sharma - Sr. Er.

PGI-1

Power Project Engineering Institute Building
HRD & ESI Complex Plot No. 25, Sector -16 A,
BHEL-PEM,Noida-201301 (U.P.)
Tel No. 0120-4213510

Gaurav Jain - Dy. Mgr

PGI-1

Power Project Engineering Institute Building
HRD & ESI Complex Plot No. 25, Sector -16 A,
BHEL-PEM,Noida-201301 (U.P.)
Tel No. 0120-4368835



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)

**Project Engineering
Management**

**OPEN TENDER ENQUIRY FOR COMPRESSED AIR SYSTEM FOR 1X 800 MW GSECL
WANAKBORI STPP UNIT 8**

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All bidders are requested to visit BHEL websites www.bhel.com (Tender Notifications Section)
OR www.bhelpem.com (http://www.bhelpem.com/Tenders_Rev/NewTenders.aspx), All future corrigendum,
addendums, amendments, if any, for this tender shall be hosted only on above websites.

Thanking you,

Yours faithfully,
For and on behalf of BHEL

Ashutosh Sharma
11/12/15

ASHUTOSH SHARMA
(SR. ENGINEER/Project Group-1-1)

Please contact:

Ashutosh Sharma - Sr. Er.

PGI-1

Power Project Engineering Institute Building
HRD & ESI Complex Plot No. 25, Sector -16 A,
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BHEL-PEM,Noida-201301 (U.P.)
Tel No. 0120-4368835

Ref. Enquiry No.: PE/PG/WAN/E-5059/2015 Dated: 15/10/15											
1 X 800 MW WANAKBORI TPS				Rev 00		15/10/15					
PRICE SCHEDULE FOR INDIAN BIDDER - COMPRESSED AIR SYSTEM PACKAGE											
Sl.No	DESCRIPTION OF EQUIPMENT / ITEM	SUPPLY					E&C(Erection & Commissioning) Charges				
		Total Ex-works Duly Packed (INR)	ED @...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @.....% Whichever is applicable (INR)	FREIGHT (including service tax, if any) @% of total ex-works price	TOTAL F.O.R SITE PRICE (INR)	E & C (INR)	SERVICE TAX @ _____% (INR) on E&C Charges	Swachh Bharat Cess (SBC) @ 0.5% on E & C (Rs.)	E & C INCLUDING SERVICE TAX (INR)	Total Lumpsum price FOR site (INR)
1	2	3	4	5	6	7 = 3+4+5+6	8	9	10 = 8*0.5%	11 = 8 + 9 + 10	12 = 11+7
1.0.0	Total lumpsum firm prices for the supply of equipment & services as specified, Comprising Design, Engineering, Manufacture, Inspection & Testing at Manufacturer's Works, Painting at Manufacturer's Works, Duly packed for Transportation, Delivery to Site, loading, unloading & storage at site, supply of erection materials, consumables, start-up & commissioning spares, and mandatory spares as required to complete the compressed air system including service part for unloading, storage & handling at site, erection, commissioning, trial run, carrying out performance tests at site, handing over to customer in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in technical specification (spec.No. PE-TS-408-555-A001) and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for Compressed Air System for X 800 MW WANAKBORI TPS.										
2.0.0	CIF Content : Total CIF content for supply portion (imported content) as required, for total scope defined as per technical specification and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date, to be indicated along with currency.	1) Currency : Value:									
NOTES	Bidder to note that total price indicated above at 1.0.0 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.										
a	Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.										
b	Total Lumpsum price in Column-12 should match with summation of total prices as in [Column (9) of 1.0.0 of Annexure- I + Column (9) of A of Annexure - II + Column (6) of 1.0.0 of Annexure- III .										
c	Total erection & commissioning charges including PG Test and handing over charges (including service tax), if applicable, should be minimum 20% of the total quoted package (excluding mandatory spares but including all taxes & freight), failing which the break-up of price shall be adjusted accordingly for ordering.										
d	All deviations should be marked in Cost of withdrawal sheet (Annexure-V) only. Deviations marked elsewhere other than schedule of deviation shall not be taken into cognizance.										
e	Bidder must submit prices in the Pro Forma duly filled in signed and stamped on every page without any ambiguity. The price shall be written against each item. Term such as "refer covering letter" etc. are not acceptable. Price format shall not be changed by the bidder as the bidder may get disqualified by doing so.										
Bidder's / bidder's representative signature						Company seal					

Abhishek Sharma
11/12/15

1 X 800 MW WANAKBORI

ANNEXURE-I
MAIN SUPPLY FOR INDIAN BIDDER- PRICE SCHEDULE FOR COMPRESSED AIR SYSTEM PACKAGE

Sl.No	DESCRIPTION OF EQUIPMENT / ITEM	QUANTITY		UNIT PRICE		TOTAL PRICE				REMARKS
				Ex-works price Duly packed	Total Ex-works price	ED @ ...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @.....% @.....% (INR) Whichever is applicable	FREIGHT (including service tax, if any) @% of total ex-works price	Total Lumpsum price FOR site (INR)	
1	2	3	4	5	6	7	8	9		
1.0.0	Total lumpsum firm prices for the supply of equipment & services as specified, Comprising Design, Engineering, Manufacture, Inspection & Testing at Manufacturer's Works, Painting at Manufacturer's Works, Duly packed for Transportation, Delivery to Site, loading, unloading & storage at site, supply of erection materials, consumables, start-up & commissioning spares as required to complete the compressed air system for the total scope defined in technical specification (spec.No. PE-TS-408-555-A001) and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for Compressed Air System for 1 X 800 MW Wanakbori TPS.									
2.0.0	Break up prices for items covered in clause 1.0 above. Prices for design, manufacture, inspection & testing at									
2.1.0	Instrument Air Compressor (oil free Screw) Each of 30 NM3/Minute capacity at 8.5 kg/cm2 (g) consisting Electric motor to drive the compressor with accessories, Suction filter and silencer, Inter Cooler, After Cooler with moisture separators, automatic drain traps, instruments, Control panel etc.	3	Nos							Column (9) of this clause shall be within 30-33 % of Total price at Column (9) of 1.0.0
2.2.0	Service Air Compressor (oil free Screw) Each of 30 NM3/Minute capacity at 8.5 kg/cm2 (g) consisting Electric motor to drive the compressor with accessories, Suction filter and silencer, Inter Cooler, After Cooler with moisture separators, automatic drain traps, instruments, Control panel etc.	3	Nos							Column (9) of this clause shall be within 30-33 % of Total price at Column (9) of 1.0.0
2.3.0	Air Dryer (Refrigerant Type) Air Drying Plant of 33 NM ³ /min and to match instrument air compressor with all instruments and controls including Electronic Dew point meter as specified.	3	Nos							Column (9) of this clause shall be within 10-17 % of Total price at Column (9) of 1.0.0
2.4.0	Air receivers Air receiver at Compressor house of 16 M3 capacity with each having Pressure gauges, Temperature gauges, Relief valve, Drain connection with zero purge type automatic trap stations and other accessories as specified.	8	Nos							Column (9) of this clause shall be within 6-8 % of Total price at Column (9) of 1.0.0
2.5.0	Pipes & fittings Inter connecting cooling water, compressed air piping & Drain piping up to the nearest common drain point outside compressor house as specified including fittings and valves, etc. for complete compressed air system.	1	Lot							Column (9) of this clause shall be within 10-12 % of Total price at Column (9) of 1.0.0
2.6.0	Field instruments including temperature scanners , sequential panel, PLC interface module for the overall control of the compressed air system through DDCMIS as specified.	1	Lot							Column (9) of this clause shall be within 3-5 % of Total price at Column (9) of 1.0.0
2.7.0	Cable, Cable lugs, glands, junction box etc for Compressed Air System equipment as required.	1	Lot							Column (9) of this clause shall be within 3-5 % of Total price at Column (9) of 1.0.0
2.8.0	Total lump sum prices for Maintenance Tool & Tackles (as specified in the Annexure-IV , Volume-II of the technical specification PE-TS-408-555-A001)	1	Lot							Column (9) of this clause shall be within 1-2 % of Total price at Column (9) of 1.0.0
2.9.0	Total lump sum prices for Start-Up & commissioning spares (as specified in the Annexure-XII , Volume-II of the technical specification PE-TS-408-555-A001)									Column (9) of this clause shall be within 1-2 % of Total price at Column (9) of 1.0.0
3.0.0	Total of 2.0 (Total of 2.1 to 2.9) (Should match with 1.0). However , the break up prices indicated under this head are for internal use only & NOT for any comparison purpose & or making adjustment for scope variation.)									
	Bidder's / bidder's representative signature									Company seal

Abhatek Sharma
11/12/15

1 X 800 MW WANAKBORI TPS

ANNEXURE-III
ERECTION & COMMISSIONING - PRICE SCHEDULE FOR INDIAN BIDDER COMPRESSED AIR SYSTEM PACKAGE

SI.No	DESCRIPTION OF EQUIPMENT / ITEM	E & C (INR)	SERVICE TAX @ _____% (INR)	Swach Bharat Cess (SBC) @ 0.5% on E & C (Rs.)	E & C INCLUDING SERVICE TAX (INR)
1	2	3	4	5= 3*0.5%	6= 3+ 4 +5
1.0.0	Total lumpsum firm prices for the services as specified, comprising of service part for unloading, storage & handling at site, erection, commissioning, trial run, carrying out performance tests at site, handing over to customer in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in technical specification (spec.No. PE-TS-408-555-A001) and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for Compressed Air System for 1 X 800 MW WANAKBORI TPS.				
NOTE:					
1	As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.				
	Bidder's / bidder's representative signature	Company seal			

Ashish Sharma
11/12/15

PRICE SCHEDULE						Rev 00	15/10/15
Ref. Enquiry No.: PE/PG/WAN/E-5059/2015 Dated: 15/10/15							
1 X 800 MW WANAKBORI TPS							
ANNEXURE-III							
ERECTION & COMMISSIONING - PRICE SCHEDULE FOR FOREIGN BIDDER - COMPRESSED AIR SYSTEM PACKAGE							
E&C(Erection & Commissioning) Charges							
Sl.No	DESCRIPTION OF EQUIPMENT / ITEM	E & C (Currency)	SERVICE TAX @ % (Currency)	Swach Bharat Cess (SBC) @ 0.5% on E & C (Rs.)	TOTAL E & C INCLUDING SERVICE TAX (if applicable) (Currency)		
1	2	3	4	5 = 3*0.5%	6 = 3 + 4 + 5		
1.0.0	Total lumpsum firm prices for the services as specified, comprising of service part for unloading, storage & handling at site, erection, commissioning, trial run, carrying out performance tests at site, handing over to customer in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in technical specification (spec.No. PE-TS-408-555-A001) and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for Compressed Air System for 1 X 800 MW WANAKBORI TPS.						
NOTE:							
1	As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.						
Bidder's / bidder's representative signature				Company seal			

Ashutosh Sharma
 11/12/15

PRICE SCHEDULE FOR FOREIGN BIDDER - COMPRESSED AIR SYSTEM PACKAGE

Sl.No	FOREIGN BIDDER	Qty	IMPORTED ITEMS (Supply not from Indian Territory)						INDIGENEOUS ITEMS (Supply from Indian Territory)					E&C(Erection & Commissioning) Charges				Total Lumpsum COST for supply (on C & F Basis) and E&C ((Currency)+Currency+Currency)		
			TOTAL F.O.B. Price (including seaworthy packing; handling and transportation to Vendor's own port.) (Currency)	Ocean Freight (Currency)	Ocean / Marine Insurance	Total Custom Duty including CVD, SAD etc. (Refer Project SCC for concessions) (INR)	Port Handling / Clearing charges	Inland FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. site Imported Items supply price (Currency + INR)	TOTAL EX-WORKS PRICE (INR)	Excise Duty @ ...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @.....% Whichever is applicable (INR)	FREIGHT CHARGES INCLUDING SERVICE TAX) @% OF TOTAL EX-WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	Total FOR Site IMPORTED + INDIGENEOUS SUPPLY ((Currency+INR)+INR)	E & C (Currency)	SERVICE TAX @% (Currency) on E&C Charges		Swach Bharat Cost (SBC) @ 0.5% on E & C (Currency)	TOTAL E & C INCLUDING SERVICE TAX (if applicable) (Currency)
	DESCRIPTION OF EQUIPMENT / ITEM		1	2	3	4	5	6	7=1+2+3+4+5+6	8	9	10	11	12=8+9+10+11	13=12+7	14	15	16= 14*0.5%	17 = 14+15 + 16	18=17+13
1.0.0	Total lumpsum firm prices for the supply of equipment & services as specified, Comprising Design, Engineering, Manufacture, Inspection & Testing at Manufacturer's Works, Painting at Manufacturer's Works, Duly packed for Transportation, Delivery to Site, loading, unloading & storage at site, supply of erection materials, consumables, start-up & commissioning spares, and mandatory spares as required to complete the compressed air system including service part for unloading, storage & handling at site, erection, commissioning, trial run, carrying out performance tests at site, handing over to customer in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in technical specification (spec.No. PE-TS-408-555-A001) and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for Compressed Air System for 1 X 800 MW WANAKBORI TPS.	1 LOT			BHEL SCOPE															
2.0.0	CIF Content : Total CIF content for supply portion (imported content) as required, for total scope defined as per technical specification and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date, to be indicated along with currency.		1) Currency : Value:																	
NOTE S	Bidder to note that total price indicated above at 1.0.0 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.																			
a	Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.																			
b	Total Lumpsum price in column-18 should match with summation of total prices as in [Column (15) of I.0.0 of Annexure-I + Column (15) of A of Annexure - II + Column (6) of I.0.0 of Annexure- III .																			
c	Total erection & commissioning charges including PG Test and handing over charges (including service tax), if applicable, should be minimum 20% of the total quoted package (excluding mandatory spares but including all taxes & freight), failing which the break-up of price shall be adjusted accordingly for ordering.																			
d	All deviations should be marked in Cost of withdrawal sheet (Annexure-V) only. Deviations marked elsewhere other than schedule of deviation shall not be taken into cognizance.																			
e	Bidder must submit prices in the Pro Forma duly filled in signed and stamped on every page without any ambiguity. The price shall be written against each item. Term such as "refer covering letter" etc. are not acceptable. Price format shall not be changed by the bidder as the bidder may get disqualified by doing so.																			
	Bidder's / bidder's representative signature																			

Abhishek Sharma
11/12/15

1 X 800 MW WANAKBORI TPP

ANNEXURE-I
MAIN SUPPLY - PRICE SCHEDULE FOR FOREIGN BIDDER- COMPRESSED AIR SYSTEM PACKAGE

Sl.No	DESCRIPTION OF EQUIPMENT / ITEM	QUANTITY	IMPORTED ITEMS (Supply not from Indian Territory)							INDIGENEOUS ITEMS (Supply from Indian Territory)						TOTAL PRICE	REMARKS		
			UNIT F.O.B. Price (including seaworthy packing; handling and transportation to Vendor's own port.) (Currency)	TOTAL F.O.B. Price (including seaworthy packing; handling and transportation to Vendor's own port.) (Currency)	Ocean Freight (Currency)	Ocean / Marine Insurance	Total Custom Duty including CVD, SAD etc. (Refer Project SCC for concessions) (INR)	Port Handling / Clearing charges	Inland FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. site Imported items supply price (Currency + INR)	UNIT EX-WORKS PRICE (INR)	TOTAL EX-WORKS PRICE (INR)	Excise Duty @ ...% (for self manufactured items only) (INR)	CST @ ...% Against C-form & E1/E2 or VAT @ ...% Whichever is applicable (INR)	FREIGHT CHARGES INCLUDING SERVICE TAX) @ ...% OF TOTAL EX-WORKS (INR)			TOTAL F.O.R SITE PRICE (INR)	Total FOR Site IMPORTED + INDIGENEOUS SUPPLY (Currency+INR)
			1	2	3	4	5	6	7	8=2+3+5+6+7	9	10	11	12	13	14 = 9+10+11+12+13	15=14+8		
1.0.0	Total lumpsum firm prices for the supply of equipment & services as specified, Comprising Design, Engineering, Manufacture, Inspection & Testing at Manufacturer's Works, Painting at Manufacturer's Works, Duty packed for Transportation, Delivery to Site, loading, unloading & storage at site, supply of erection materials, consumables, start-up & commissioning spares as required to complete the compressed air system for the total scope defined in technical specification (Spec.No. PE-TS-408-555-A001) and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for Compressed Air System for 1 X 800 MW Wanakbori TPS.																		
2.0.0	Break up prices for items covered in clause 1.0 above. Prices for design, Instrument Air Compressor (oil free Screw)																		
2.1.0	Each of 30 NM3/Minute capacity at 8.5 kg/cm2 (g) consisting Electric motor to drive the compressor with accessories, Suction filter and silencer, Inter Cooler, After Cooler with moisture separators, automatic drain traps, instruments, Control panel etc.	3	Nos																Column (15) of this clause shall be within 30-33 % of Total price at Column (15) of 1.0.0
2.2.0	Service Air Compressor (oil free Screw)	3	Nos																Column (15) of this clause shall be within 30-33 % of Total price at Column (15) of 1.0.0
2.3.0	Air Dryer (Refrigerant Type)	3	Nos																Column (15) of this clause shall be within 10-17 % of Total price at Column (15) of 1.0.0
2.4.0	Air receivers	8	Nos																Column (15) of this clause shall be within 6-8 % of Total price at Column (15) of 1.0.0
2.5.0	Pipes & fittings	1	Lot																Column (15) of this clause shall be within 10-12 % of Total price at Column (15) of 1.0.0
2.6.0	Field instruments including temperature scanners , sequential panel, PLC interface module for the overall control of the compressed air system through DDCMIS as specified.	1	Lot																Column (15) of this clause shall be within 3-5 % of Total price at Column (15) of 1.0.0
2.7.0	Cable, Cable lugs, glands, junction box etc for Compressed Air System equipment as required.	1	Lot																
2.8.0	Total lump sum prices for Maintenance Tool & Tackles (as specified in the Annexure-IV , Volume-II of the technical specification PE-TS-408-555-A001)	1	Lot																Column (15) of this clause shall be within 1-2 % of Total price at Column (15) of 1.0.0
2.9.0	Total lump sum prices for Start-Up & commissioning spares (as specified in the Annexure-XII , Volume-II of the technical specification PE-TS-408-555-A001)																		
3.0.0	Total of 2.0 (Total of 2.1 to 2.9) (Should match with 1.0). However , the break up prices indicated under this head are for internal use only & NOT for any comparison purpose & or making adjustment for scope variation.)																		Column (15) of this clause shall be 100 % of Total price at Column (15) of 1.0.0
	Bidder's / bidder's representative signature																		

Ashutosh Sharma
11/12/15