

**OPEN TENDER FOR OXYGEN DOSING SYSTEM OF 2X660 MW ENNORE SEZ STPP**

Ref No. : E-5517/16/CORR-1

Date: 23/03/2017

**CORRIGENDUM-1**

**SUBJECT: BOQ CUM PRICE SCHEDULE AND BASIS FOR QUOTATION CHANGE FOR  
FOREIGN BIDDER**


REF ENQUIRY NO: E-5517/16  
PACKAGE: OXYGEN DOSING SYSTEM  
PROJECT: 2X660 MW ENNORE SEZ STPP

*Please note following clarification:-*

- 1) With respect to pint no 21 of NIT of subject tender enquiry kindly note that foreign bidders is to quote C&F Indian Sea port basis instead of C&F Mumbai Sea Port basis
- 2) Now Rev 01 of price schedule is applicable for foreign bidders.  
Foreign Bidders is to quote accordingly.
- 3) With reference to pint no 08 of NIT this is to clarify that Insurance charges is in BHEL SCOPE.

Thanking You,

With Regards,  
For & on behalf of BHEL

  
Akash Verma  
Sr . Engineer/PG-II-2

Please reply to:  
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SUGGESTED PRICE FORMAT				Doc No:	PE-PF-412-154-A101								
				Rev No:	1								
				Date of issue	20.03.2017								
NAME OF PROJECT:		2 x 660 MW ENNORE SEZ SUPERCRITICAL THERMAL POWER PROJECT											
NAME OF PACKAGE:		OXYGEN DOSING SYSTEM											
TECHNICAL SPECIFICATION:		PE-TS-412-154-A101 Rev. 0											
S. No.	DESCRIPTION	UNIT	QTY	INDIAN BIDDERS							FOREIGN BIDDERS		
				EX-WORKS (INR)	Total EX WORKS (INR)	ED@ .....% AS APPLICABLE on self manufactured items (INR)	CST @ .....% AGAINST C FORM AGAINST E1/E2 (INR)	VAT @ .....% (INR)	Freight Including Service Tax in terms of percentage (%) of Ex- Work Price (INR)	Total For site price (INR)	UNIT Price C & F (Indian Sea Port Prices)	TOTAL Price C & F (Indian Sea Port Prices)	
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for <b>SUPPLY PART &amp; MANDATORY SPARES</b> design (i.e. preparation and submission of drawing/ documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables, mandatory spares alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set											
2.0	<b>MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.</b>												
2.1	Prices inclusive of all prevailing taxes, duties and other levies for <b>SUPPLY PART</b> comprising of design (i.e.preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables, alongwith spares for erection, startup and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Break-up of prices as per Annexure I)	Set											
2.2	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for <b>Mandatory spares</b> comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of mandatory spares is to be furnished as per Annexure- II).	Lot											
Note:													
Particulars of bidder / authorised representative													
Name		Designation		Signature				Date		Company Seal			

SUGGESTED PRICE FORMAT ANNEXURE-II LIST OF MANDATORY SPARES			Doc No:	PE-PF-412-154-A101								
			Rev No:	1								
			Date of issue	20.03.2017								
LIST OF MANDATORY SPARES												
NAME OF PROJECT:			2 x 660 MW ENNORE SEZ SUPERCRITICAL THERMAL POWER PROJECT									
NAME OF PACKAGE:			OXYGEN DOSING SYSTEM									
TECHNICAL SPECIFICATION:			PE-TS-412-154-A101									
				INDIAN BIDDERS					FOREIGN BIDDERS			
S. No.	DESCRIPTION	UNIT	QTY	UNIT EX-WORKS (INR)	Total Ex works(INR)	ED@ .....% AS APPLICABLE on self manufactured items (INR)	CST @.....% AGAINST C FORM AGAINST E1/E2 (INR)	VAT @ .....% (INR)	Freight Including Service Tax in terms of percentage (%) of Ex-Work Price (INR)	Total For site price (INR)	UNIT Price C & F (Indian Sea Port Prices)	TOTAL Price C & F (Indian Sea Port Prices)
1	Each type of lamps, PBs, ILPBs, fuse, MCB, MCCB used in the equipment/system.	Nos.	20% of installed of each type.									
2	<b>Indicators, Recorders, Electrical Metering and Skid Mounted Instruments</b>											
a.	For skid mounted instruments	Nos.	10% of total number of instruments for each type and model or a minimum of one number for each model and type, whichever is more.									
b.	Indicators, recorders and meters offered from each model for the project. These instruments shall be supplied with three sets of blank scales.	Nos.	10 % of Installed of each type/model or a minimum of one number for each model and type, whichever is more.									
c.	Temperature, Transmitters and Electronic Transmitters (For Pressure, Temp., DP, Flow, Level), Temperature, Pressure, Flow & Level Switch, Safety switches, Gauges, Meters, Transducers, or any other instrument etc. meters, any other instrument etc.	Nos.	10% of total number of Instruments/transducers offered for each model and type for the project or a minimum of one number, whichever is more.									
3	<b>Erection hardware</b>											
a.	Instrument valves	Nos.	Ten (10) percent of each type & Size installed.									
b.	Condensate pots of each type & Size installed.	Nos.	Ten (10) percent of total number of Installed or four numbers whichever is higher.									
c.	Manifold	Nos.	Ten (10) percent of each type & Size installed.									
d.	Fittings	Nos.	Ten (10) percent of each type & Size installed.									
4	Each type of solenoid valve	Nos.	5% or 2 nos. of each type, model etc. whichever is more.									
<b>Total</b>												
Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidders scope of supply.												
<b>Particulars of bidder / authorised representative</b>												
<b>Name</b>	<b>Designation</b>	<b>Signature</b>				<b>Date</b>	<b>Company Seal</b>					

SUGGESTED PRICE FORMAT ANNEXURE-I				Doc No: PE-PF-412-154-A101								
				Rev No: 1								
				Date of issue: 20.03.2017								
NAME OF PROJECT:		2 x 660 MW ENNORE SEZ SUPERCRITICAL THERMAL POWER PROJECT										
NAME OF PACKAGE:		OXYGEN DOSING SYSTEM										
TECHNICAL SPECIFICATION:		PE-TS-412-154-A101										
S. No.	DESCRIPTION	UNIT	QTY	EX-WORKS (INR)	Total Ex works(INR)	INDIAN BIDDERS					FOREIGN BIDDERS	
						ED@ .....% AS APPLICABLE on self manufactured items (INR)	CST @.....% AGAINST C FORM AGAINST E1/E2 (INR)	VAT @ .....% (INR)	Freight Including Service Tax in terms of percentage (% of Ex-Work Price (INR)	Total For site price (INR)	UNIT Price C & F (Indian Sea Port Prices)	TOTAL Price C & F (Indian Sea Port Prices)
<b>BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET.</b>												
2.1	Prices inclusive of all prevailing taxes, duties and other levies for SUPPLY PART comprising of design (i.e.preparation and submission of drawing/ documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables, alongwith spares for erection, startup and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set										
2.1.1	Oxygen dosing skid (including oxygen cylinders mounted on each skid)	Nos.	4									
2.1.2	Accessories (as described below):-											
2.1.2.1	Injector Assembly	Nos.	8									
2.1.2.2	15 NB, SS 316, 18 BWG tubing for oxygen dosing	Meters	400									
2.1.2.3	SS 316 Tube fittings --tees	Nos.	20									
2.1.2.4	SS 316 Tube fittings --90° elbows	Nos.	20									
2.1.2.5	Filled oxygen cylinders	Nos.	52									
2.1.2.6	Rack to hold 30 filled oxygen cylinders	No.	2									
2.1.2.7	Compression fittings	Nos.	70									
				<b>TOTAL</b>								
<b>Particulars of bidder / authorised representative</b>												
<b>Name</b>	<b>Designation</b>	<b>Signature</b>				<b>Date</b>			<b>Company Seal</b>			