



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :0431-2574111
GRAMS : BHARATELEC
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Enquiry No	Enquiry Date	Due Date for Quotation
1801700627 - 14	11.05.2017	13.06.2017
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.		

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	L172312486701001 SEPERATOR LEVEL CONTROL VALVE ASSEMBLY.	SET	4.000	4.00	23.02.18
20	L172312486701002 MINIMUMECONOMISER FLOWCONTROL VALVE ASSY	SET	2.000	2.00	23.02.18
30	L172312486701003 COMMON ELECTRO HYDRAULIC CONTROL UNIT. „One (1) Common Hydraulic Unit and Electronic Control Unit for the positioning control of the two BOILER SEPARATOR LEVEL CONTROL VALVES (HWL-1, HWL-2 VALVES) and Minimum Economizer Flow Control Valve (MEFCV)	SET	2.000	2.00	23.02.18
40	L172312486701004 SPECIAL TOOLS	SET	2.000	2.00	23.02.18
50	L172312486701005 TUBINGS AND FITTINGS	SET	2.000	2.00	23.02.18
60	L172312486701006 FILLS OF HYDRAULIC FLUID	SET	4.000	4.00	23.02.18
70	L172382498802001 COMM SPARES FOR EACH VALVE One lot of commissioning spares for each valve (Two seperator control valves , one Minimum Economiser Flow control valve) and Electro Hydraulic Power and control Kit as per SELLER'S specific recommendation	SET	2.000	2.00	23.02.18
80	L181812486701001 SEPERATOR LEVEL CONTROL VALVE ASSEMBLY. Tag Nos. For HWL1 & HWL2 valves are 10HAG15AA301 & 10HAG15AA302 respectively.	SET	2.000	2.00	23.02.18
90	L181812486701002 MINIMUMECONOMISER FLOWCONTROL VALVE ASSY Tag Nos. For MEFCV is 10HAG31AA301.	SET	1.000	1.00	23.02.18
100	L181812486701003	SET	1.000	1.00	23.02.18

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR
Sr. Engineer / Purchasing
Material Management / Fossil Boilers
BHEL, TRICHY - 620 014
11/8/17



429-002/A

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COMMON ELECTRO HYDRAULIC CONTROL UNIT. „One (1) Common Hydraulic Unit and Electronic Control Unit for the positioning control of the two BOILER SEPARATOR LEVEL CONTROL VALVES (HWL-1, HWL-2 VALVES) and Minimum Economizer Flow Control Valve (MEFCV)				
110	L181812486701004 SPECIAL TOOLS	SET	1.000	1.00 23.02.18
120	L181812486701005 TUBINGS AND FITTINGS	SET	1.000	1.00 23.02.18
130	L181812486701006 FILLS OF HYDRAULIC FLUID	SET	2.000	2.00 23.02.18
140	L181882498802001 COMM SPARES FOR START UP CONTROL VALVES One lot of commissioning spares for each control valve (Two Seperator Level Control Valves - HWL valves , one Minimum Economiser Flow control valve)and Electro Hydraulic Power and control Kit as per SELLER'S specific recommendation	SET	1.000	1.00 23.02.18
150	L182112486701001 SEPERATOR LEVEL CONTROL VALVE ASSEMBLY. Tag Nos. For HWL1 & HWL2 valves are 10HAG15AA301 & 10HAG15AA302 respectively. In tag No. Prefix "10" is for unit No.1 and "20" is for unit No. 2.	SET	4.000	4.00 23.02.18
160	L182112486701002 MINIMUMECONOMISER FLOWCONTROL VALVE ASSY Tag Nos. For MEFCV is 10HAG31AA301. In tag No. Prefix "10" is for unit No.1 and "20" is for unit No. 2.	SET	2.000	2.00 23.02.18
170	L182112486701003 COMMON ELECTRO HYDRAULIC CONTROL UNIT. „One (1) Common Hydraulic Unit and Electronic Control Unit for the positioning control of the two BOILER SEPARATOR LEVEL CONTROL VALVES (HWL-1, HWL-2 VALVES) and Minimum Economizer Flow Control Valve (MEFCV)	SET	2.000	2.00 23.02.18
180	L182112486701004 SPECIAL TOOLS	SET	2.000	2.00 23.02.18
190	L182112486701005 TUBINGS AND FITTINGS	SET	2.000	2.00 23.02.18

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For **BHARAT HEAVY ELECTRICALS LIMITED**

K. UDAYA KUMAR
Sr. Engineer / Purchase Manager / PURCHASE
Material Management / FOSSIL BOILERS)
BH&L, TRICHY - 620 014
Yours faithfully,



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200	L182112486701006 FILLS OF HYDRAULIC FLUID	SET	4.000	4.00	23.02.18
210	L182182498802001 COMM SPARES FOR START UP CONTROL VALVES One lot of commissioning spares for each control valve (Two Separator Level Control Valves - HWL valves , one Minimum Economiser Flow control valve)and Electro Hydraulic Power and control Kit as per SELLER'S specific recommendation	SET	2.000	2.00	23.02.18
220	R00172300034 Soft Goods Kit Valve for Sep Lvl CV "Soft Goods Kit Valve for Sep Lvl CV as per Matl Code- L172312486701001. 1 SET = 1 Valve requirement. Vendor to provide set details."	SET	1.000	1.00	23.02.18
230	R00172300035 Soft Goods Kit Valve for Min Eco Lvl CV "Soft Goods Kit Valve for Min Eco Lvl CV as per Matl Code- L172312486701002. 1 SET = 1 Valve requirement. Vendor to provide set details"	SET	1.000	1.00	23.02.18
240	R00172300036 Metal seat for Sep Lvl CV "Metal seat set for Sep Lvl CV as per Matl Code- L172312486701001. 1 SET = 1 Valve requirement. Vendor to provide set details."	SET	1.000	1.00	23.02.18
250	R00172300037 Metal seat for Min Eco Lvl CV "Metal seat set for Min Eco Lvl CV as per Matl Code- L172312486701002. 1 SET = 1 Valve requirement. Vendor to provide set details"	SET	1.000	1.00	23.02.18
260	R00172300038 Seat Ring set for Sep Lvl CV "Seat Ring set for Sep Lvl CV as per Matl Code- L172312486701001. 1 SET = 1 Valve requirement. Vendor to provide set details."	SET	1.000	1.00	23.02.18
270	R00172300039 Seat Ring set for Min Eco Lvl CV "Seat Ring set for Min Eco Lvl CV as per Matl Code- L172312486701002. 1 SET = 1 Valve requirement. Vendor to provide set details"	SET	1.000	1.00	23.02.18
280	R00172300040	SET	1.000	1.00	23.02.18

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For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR
Sr. Engineer / Purchase
Material Management
BHEL, TRICHY - 620014
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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	Spindle for Sep Lvl CV "Spindle for Sep Lvl CV as per Matl Code- L172312486701001. 1 SET = 1 Valve requirement. Vendor to provide set details."				
290	R00172300041	SET	1.000	1.00	23.02.18
	Spindle for Min Eco Lvl CV "Spindle for Min Eco Lvl CV as per Matl Code- L172312486701002. 1 SET = 1 Valve requirement. Vendor to provide set details"				
300	R00172300042	SET	1.000	1.00	23.02.18
	Actuator Soft Goods kit for Sep Lvl CV "Actuator Soft Goods kit for Sep Lvl CV as per Matl Code- L172312486701001. 1 SET = 1 Valve requirement. Vendor to provide set details."				
310	R00172300043	SET	1.000	1.00	23.02.18
	Actuator Soft Goods kit for Min Eco Lvl "Actuator Soft Goods kit for Min Eco Lvl CV as per Matl Code- L172312486701002. 1 SET = 1 Valve requirement. Vendor to provide set details"				
320	R00172300044	NO	2.000	2.00	23.02.18
	Feed back transmitter unit- Sep Lvl CV "Feed back transmitter unit- Sep Lvl CV as per Matl Code- L172312486701001."				
330	R00172300045	NO	2.000	2.00	23.02.18
	Feed back transmitter unit- Min Eco Lvl "Feed back transmitter unit- Min Eco Lvl CV as per Matl Code- L172312486701002."				
340	R00172300046	NO	2.000	2.00	23.02.18
	Electronic Pos.Transm-Sep Lvl CV "Electronic Position Transmit-Sep Lvl CV as per Matl Code- L172312486701001."				
350	R00172300047	NO	2.000	2.00	23.02.18
	Electronic Pos.Transm-Min Eco Lvl CV "Electronic Position Transmit-Min Eco Lvl CV as per Matl Code- L172312486701002."				
360	R00172300048	NO	2.000	2.00	23.02.18
	Solenoid valves for Sep Lvl CV				
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"Solenoid valves for Sep Lvl CV as per Matl Code- L172312486701001."					
370	R00172300049	NO	2.000	2.00	23.02.18
Solenoid valves for Min Eco Lvl CV					
"Solenoid valves for Min Eco Lvl CV as per Matl Code- L172312486701002."					
380	R00172300050	NO	2.000	2.00	23.02.18
Air filter regulators for Sep Lvl CV					
"Air filter regulators for Sep Lvl CV as per Matl Code- L172312486701001."					
390	R00172300051	NO	2.000	2.00	23.02.18
Air filter regulators for Min Eco Lvl CV					
"Air filter regulators for Min Eco Lvl CV as per Matl Code- L172312486701002."					
400	R00172300052	NO	2.000	2.00	23.02.18
Air Lock Relay for Sep Lvl CV					
"Air Lock Relay for Sep Lvl CV as per Matl Code- L172312486701001."					
410	R00172300053	NO	2.000	2.00	23.02.18
Air Lock Relay for Min Eco Lvl CV					
"Air Lock Relay for Min Eco Lvl CV as per Matl Code- L172312486701002."					
420	R00172300054	SET	1.000	1.00	23.02.18
Complete Actuator for Sep Lvl CV					
"Complete Actuator for each type and model for Sep Lvl CV as per Matl Code- L172312486701001. 1 SET = 1 Valve requirement. Vendor to provide set details."					
430	R00172300055	SET	1.000	1.00	23.02.18
Complete Actuator for Min Eco Lvl CV					
"Complete Actuator for each type and model for Min Eco Lvl CV as per Matl Code- L172312486701002. 1 SET = 1 Valve requirement. Vendor to provide set details"					
440	R00181800001	SET	1.000	1.00	23.02.18
Stem packing for Sep Lvl CV					
Stem packing for Sep Lvl CV as per Matl-L181812486701001					
450	R00181800002	SET	1.000	1.00	23.02.18
Stem packing for Min Eco CV					
Stem packing for Min Eco CV as per Matl-L181812486701002					

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For BHARAT HEAVY ELECTRICALS LIMITED

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Sr. Engineer / PURCHASE
Material Management / FOSSIL BOILERS
Yours faithfully,
BHHEL, TRICHY - 620 014.



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460	R00181800003 Moulded rubber diaphm for Sep Lvl CV Moulded rubber diaphm for Sep Lvl CV as per Matl-L181812486701001	NO	2.000	2.00	23.02.18
470	R00181800004 Moulded rubber diaphm for Min Eco CV Moulded rubber diaphm for Min Eco CV as per Matl-L181812486701002	NO	2.000	2.00	23.02.18
480	R00181800005 O-rings & rubber gasket for Sep Lvl CV O-rings & rubber gasket for Sep Lvl CV as per Matl-L181812486701001	SET	1.000	1.00	23.02.18
490	R00181800006 O-rings & rubber gasket for Min Eco CV O-rings & rubber gasket for Min Eco CV as per Matl-L181812486701002	SET	1.000	1.00	23.02.18
500	R00181800007 Lubricant for gasket for Sep Lvl CV Lubricant for gasket (1 Lot = 100 percent qty. of lubricants for gaskets for each control valve on one year consumption basis) for Sep Lvl CV as per Matl-L181812486701001	LOT	1.000	1.00	23.02.18
510	R00181800008 Lubricant for gasket for Min Eco CV Lubricant for gasket (1 Lot = 100 percent qty. of lubricants for gaskets for each control valve on one year consumption basis) for Min Eco CV as per Matl-L181812486701002	LOT	1.000	1.00	23.02.18
520	R00181800009 Limit switch for Sep Lvl CV Limit switch for Sep Lvl CV as per Matl-L181812486701001	SET	2.000	2.00	23.02.18
530	R00181800010 Valve positioner for Sep Lvl CV Valve positioner for Sep Lvl CV as per Matl-L181812486701001	SET	1.000	1.00	23.02.18
540	R00181800011 Limit switch for Min Eco CV Limit switch for Min Eco CV as per Matl-L181812486701002	SET	2.000	2.00	23.02.18
550	R00181800012 Valve positioner for Min Eco	SET	1.000	1.00	23.02.18

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For **BHARAT HEAVY ELECTRICALS LIMITED**

K. UDAYA KUMAR
Sr. Engineer / Purchase
Material Management / (FOSSIL BOILERS)
BHEL, TRICHY - 620 014.
MANGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully



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	CV Valve positioner for Min Eco CV as per Matl-L181812486701002				
560	R00181800057 Valve trim for Sep Lvl CV "Valve trim (such as plug, stem, seat ring /cage, guide bushing, stem lock pin, packing retaining ring, etc) for Sep Lvl CV as per Matl-L181812486701001"	SET	1.000	1.00	23.02.18
570	R00181800058 Valve trim for Min Eco CV "Valve trim (such as plug, stem, seat ring /cage, guide bushing, stem lock pin, packing retaining ring, etc) for Min Eco CV as per Matl-L181812486701002"	SET	1.000	1.00	23.02.18
580	R00181800059 I to P converter for Sep Lvl CV I to P converter for Sep Lvl CV as per Matl-L181812486701001	SET	1.000	1.00	23.02.18
590	R00181800060 I to P converter for Min Eco CV I to P converter for Min Eco CV as per Matl-L181812486701002	SET	1.000	1.00	23.02.18
600	R00181800063 Soft Goods Kit for Sep Lvl CV Soft Goods Kit for Sep Lvl CV as per Matl-L181812486701001	SET	1.000	1.00	23.02.18
610	R00181800064 Soft Goods Kit for Min Eco Lvl CV Soft Goods Kit for Min Eco Lvl CV as per Matl-L181812486701002	SET	1.000	1.00	23.02.18
620	R00181800065 Metal seat- for Sep Lvl CV Metal seat- for Sep Lvl CV as per Matl-L181812486701001	NO	1.000	1.00	23.02.18
630	R00181800066 Metal seat- for Min Eco Lvl CV Metal seat- for Min Eco Lvl CV as per Matl-L181812486701002	NO	1.000	1.00	23.02.18
640	R00181800067 Seat Ring for Sep Lvl CV Seat Ring for Sep Lvl CV as per Matl-L181812486701001	NO	1.000	1.00	23.02.18
650	R00181800068 Seat Ring for Min Eco Lvl CV Seat Ring for Min Eco Lvl CV as per Matl-L181812486701002	NO	1.000	1.00	23.02.18
660	R00181800069 Spindle for Sep Lvl CV	NO	1.000	1.00	23.02.18
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	Spindle for Sep Lvl CV as per Matl-L181812486701001				
670	R00181800070	NO	1.000	1.00	23.02.18
	Spindle for Min Eco Lvl CV Spindle for Min Eco Lvl CV as per Matl-L181812486701002				
680	R00181800071	SET	1.000	1.00	23.02.18
	Actuator Soft Goodkit for Sep Lvl CV Actuator Soft Goodkit for Sep Lvl CV as per Matl-L181812486701001				
690	R00181800072	SET	1.000	1.00	23.02.18
	Actuator Soft Goodkit for Min Eco Lvl CV Actuator Soft Goodkit for Min Eco Lvl CV as per Matl-L181812486701002				
700	R00181800073	NO	2.000	2.00	23.02.18
	Feedback transmitr unit for Sep Lvl CV Feedback transmitr unit for Sep Lvl CV as per Matl-L181812486701001				
710	R00181800074	NO	2.000	2.00	23.02.18
	Feedback transmitr unit for Min Eco Lvl Feedback transmitr unit for Min Eco Lvl CV as per Matl-L181812486701002				
720	R00181800075	NO	2.000	2.00	23.02.18
	Electr Positn Transmtr for Sep Lvl CV Electr Positn Transmtr for Sep Lvl CV as per Matl-L181812486701001				
730	R00181800076	NO	2.000	2.00	23.02.18
	Electr Positn Transmtr for Min Eco Lvl Electr Positn Transmtr for Min Eco Lvl CV as per Matl-L181812486701002				
740	R00181800077	NO	2.000	2.00	23.02.18
	Solenoid valve for Sep Lvl CV Solenoid valve for Sep Lvl CV as per Matl-L181812486701001				
750	R00181800078	NO	2.000	2.00	23.02.18
	Solenoid valve for Min Eco Lvl CV Solenoid valve for Min Eco Lvl CV as per Matl-L181812486701002				
760	R00181800079	NO	2.000	2.00	23.02.18
	Air Filter Regulator for Sep Lvl CV Air Filter Regulator for Sep Lvl CV as per Matl-L181812486701001				
770	R00181800080	NO	2.000	2.00	23.02.18

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	Air Filter Regulator for Min Eco Lvl CV Air Filter Regulator for Min Eco Lvl CV as per Matl-L181812486701002				
780	R00181800081	NO	1.000	1.00	23.02.18
	Air Lock Relay for Sep Lvl CV Air Lock Relay for Sep Lvl CV as per Matl-L181812486701001				
790	R00181800082	NO	1.000	1.00	23.02.18
	Air Lock Relay for Min Eco Lvl CV Air Lock Relay for Min Eco Lvl CV as per Matl-L181812486701002				
800	R00181800083	SET	1.000	1.00	23.02.18
	Compl actuator for Sep Lvl CV Compl actuator for Sep Lvl CV as per Matl-L181812486701001				
810	R00181800084	SET	1.000	1.00	23.02.18
	Compl actuator for Min Eco Lvl CV Compl actuator for Min Eco Lvl CV as per Matl-L181812486701002				
820	R00181800085	LOT	1.000	1.00	23.02.18
	Solenoid for Solenoid valve for Sep Lvl Solenoid for Solenoid valve for Sep Lvl CV as per Matl-L181812486701001. 1 Lot is complete requirement of 1 Solenoid Valve.				
830	R00181800086	LOT	1.000	1.00	23.02.18
	Solenoid for Solenoid valve for Min Eco Solenoid for Solenoid valve for Min Eco CV as per Matl-L181812486701002.1 Lot is complete requirement of 1 Solenoid Valve.				
840	R00181800087	LOT	1.000	1.00	23.02.18
	Diaphragm for Sol Valve Sep Lvl CV Diaphragm for Sol Valve Sep Lvl CV as per Matl-L181812486701001.1 Lot is complete requirement of 1 Solenoid Valve.				
850	R00181800088	LOT	1.000	1.00	23.02.18
	Diaphragm for Sol Valve Min Eco CV Diaphragm for Sol Valve Min Eco CV as per Matl-L181812486701002. 1 Lot is complete requirement of 1 Solenoid Valve.				
860	R00181800089	SET	1.000	1.00	23.02.18
	Pressure regulators for Sep Lvl CV				
The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.			Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED H. UDAYA KUMAR Sr Engineer / (FOSSIL BOILERS) Material Manager BHEL, TRICHY		



429-002/A

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

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	Pressure regulators for Sep Lvl CV. as per Matl-L181812486701001				
870	R00181800090	SET	1.000	1.00	23.02.18
	Pressure regulators for Min Eco CV Pressure regulators for Min Eco CV as per Matl-L181812486701002				
880	R00182100001	SET	1.000	1.00	23.02.18
	Stem packing for Sep Lvl CV Stem packing for Sep Lvl CV as per Matl-L182112486701001				
890	R00182100002	SET	1.000	1.00	23.02.18
	Stem packing for Min Eco CV Stem packing for Min Eco CV as per Matl-L182112486701002				
900	R00182100003	NO	2.000	2.00	23.02.18
	Moulded rubber diaphm for Sep Lvl CV Moulded rubber diaphm for Sep Lvl CV as per Matl-L182112486701001				
910	R00182100004	NO	2.000	2.00	23.02.18
	Moulded rubber diaphm for Min Eco CV Moulded rubber diaphm for Min Eco CV as per Matl-L182112486701002				
920	R00182100005	SET	1.000	1.00	23.02.18
	O-rings & rubber gasket for Sep Lvl CV O-rings & rubber gasket for Sep Lvl CV as per Matl-L182112486701001				
930	R00182100006	SET	1.000	1.00	23.02.18
	O-rings & rubber gasket for Min Eco CV O-rings & rubber gasket for Min Eco CV as per Matl-L182112486701002				
940	R00182100009	NO	1.000	1.00	23.02.18
	Limit switch for Sep Lvl CV Limit switch for Sep Lvl CV as per Matl-L182112486701001				
950	R00182100010	NO	1.000	1.00	23.02.18
	Valve positioner for Sep Lvl CV Valve positioner for Sep Lvl CV as per Matl-L182112486701001				
960	R00182100011	NO	1.000	1.00	23.02.18
	Limit switch for Min Eco CV Limit switch for Min Eco CV as per Matl-L182112486701002				
970	R00182100012	NO	1.000	1.00	23.02.18
	Valve positioner for Min Eco CV				

The offers should reach us 30 minutes before the time of opening of tenders.

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Yours faithfully,

For **BHARAT HEAVY ELECTRICALS LIMITED**

K. UDAYA KUMAR
Sr. Engineer / Purchase
Material Management / EP
EL, TRICHY - 620 014

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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	Valve positioner for Min Eco CV as per Matl-L182112486701002				
980	R00182100013	SET	1.000	1.00	23.02.18
	Valve trim for Sep Lvl CV "Valve trim (such as plug, stem, seat ring /cage, guide bushing, stem lock pin, packing retaining ring, etc) for Sep Lvl CV as per Matl-L182112486701001"				
990	R00182100014	SET	1.000	1.00	23.02.18
	Valve trim for Min Eco CV "Valve trim (such as plug, stem, seat ring /cage, guide bushing, stem lock pin, packing retaining ring, etc) for Min Eco CV as per Matl-L182112486701002"				
1000	R00182100015	NO	1.000	1.00	23.02.18
	I to P conv & Press Reg- Sep Lvl CV I to P converter & Pressure Regulators for Sep Lvl CV as per Matl-L182112486701001				
1010	R00182100016	NO	1.000	1.00	23.02.18
	I to P conv & Press Reg-Min Eco CV I to P converter & Pressure Regulator for Min Eco CV as per Matl-L182112486701002				
1020	R00182100017	SET	1.000	1.00	23.02.18
	Soft Goods Kit for Sep Lvl CV Soft Goods Kit for Sep Lvl CV as per Matl-L182112486701001				
1030	R00182100018	SET	1.000	1.00	23.02.18
	Soft Goods Kit for Min Eco Lvl CV Soft Goods Kit for Min Eco Lvl CV as per Matl-L182112486701002				
1040	R00182100019	SET	1.000	1.00	23.02.18
	Metal seat- for Sep Lvl CV Metal seat- for Sep Lvl CV as per Matl-L182112486701001				
1050	R00182100020	SET	1.000	1.00	23.02.18
	Metal seat- for Min Eco Lvl CV Metal seat- for Min Eco Lvl CV as per Matl-L182112486701002				
1060	R00182100021	SET	1.000	1.00	23.02.18
	Seat Ring for Sep Lvl CV Seat Ring for Sep Lvl CV as per Matl-L182112486701001				
1070	R00182100022	SET	1.000	1.00	23.02.18
	Seat Ring for Min Eco Lvl CV Seat Ring for Min Eco Lvl CV as per				

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of
tenderers who have submitted their offer and who may like to be present for the tender
opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

K. UDAYA KUMAR
Sr. Engineer / MANAGER / PURCHASE
(FOSSIL BOILERS)
Material Management
THIRUCHIRAPALLI - 620014

Yours faithfully,

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	Matl-L182112486701002				
1080	R00182100023 Spindle for Sep Lvl CV Spindle for Sep Lvl CV as per Matl-L182112486701001	SET	1.000	1.00	23.02.18
1090	R00182100024 Spindle for Min Eco Lvl CV Spindle for Min Eco Lvl CV as per Matl-L182112486701002	SET	1.000	1.00	23.02.18
1100	R00182100025 Actuator Soft Goodkit for Sep Lvl CV Actuator Soft Goodkit for Sep Lvl CV as per Matl-L182112486701001	SET	1.000	1.00	23.02.18
1110	R00182100026 Actuator Soft Goodkit for Min Eco Lvl CV Actuator Soft Goodkit for Min Eco Lvl CV as per Matl-L182112486701002	SET	1.000	1.00	23.02.18
1120	R00182100027 Feedback transmitr unit for Sep Lvl CV Feedback transmitr unit for Sep Lvl CV as per Matl-L182112486701001	NO	2.000	2.00	23.02.18
1130	R00182100028 Feedback transmitr unit for Min Eco Lvl Feedback transmitr unit for Min Eco Lvl CV as per Matl-L182112486701002	NO	2.000	2.00	23.02.18
1140	R00182100029 Electr Positn Transmtr for Sep Lvl CV Electr Positn Transmtr for Sep Lvl CV as per Matl-L182112486701001	NO	2.000	2.00	23.02.18
1150	R00182100030 Electr Positn Transmtr for Min Eco Lvl Electr Positn Transmtr for Min Eco Lvl CV as per Matl-L182112486701002	NO	2.000	2.00	23.02.18
1160	R00182100031 Solenoid valve for Sep Lvl CV Solenoid valve for Sep Lvl CV as per Matl-L182112486701001	NO	2.000	2.00	23.02.18
1170	R00182100032 Solenoid valve for Min Eco Lvl CV Solenoid valve for Min Eco Lvl CV as per Matl-L182112486701002	NO	2.000	2.00	23.02.18
1180	R00182100033 Air Filter Regulator for Sep	NO	2.000	2.00	23.02.18

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR
Sr. Engineer / Purchase
Material Management
BHEL, TRICHY - 620 014
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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	Lvl CV Air Filter Regulator for Sep Lvl CV as per Matl-L182112486701001				
1190	R00182100034 Air Filter Regulator for Min Eco Lvl CV Air Filter Regulator for Min Eco Lvl CV as per Matl-L182112486701002	NO	2.000	2.00	23.02.18
1200	R00182100035 Air Lock Relay for Sep Lvl CV Air Lock Relay for Sep Lvl CV as per Matl-L182112486701001	NO	2.000	2.00	23.02.18
1210	R00182100036 Air Lock Relay for Min Eco Lvl CV Air Lock Relay for Min Eco Lvl CV as per Matl-L182112486701002	NO	2.000	2.00	23.02.18
1220	R00182100037 Compl actuator for Sep Lvl CV Compl actuator for Sep Lvl CV as per Matl-L182112486701001	SET	1.000	1.00	23.02.18
1230	R00182100038 Compl actuator for Min Eco Lvl CV Compl actuator for Min Eco Lvl CV as per Matl-L182112486701002	SET	1.000	1.00	23.02.18
1240	R00182100039 Solenoid for Solenoid valve for Sep Lvl Solenoid for Solenoid valve for Sep Lvl CV as per Matl-L182112486701001	NO	1.000	1.00	23.02.18
1250	R00182100040 Solenoid for Solenoid valve for Min Eco Solenoid for Solenoid valve for Min Eco CV as per Matl-L182112486701002	NO	1.000	1.00	23.02.18
1260	R00182100041 Diaphragm for Sol Valve Sep Lvl CV Diaphragm for Sol Valve Sep Lvl CV as per Matl-L182112486701001	SET	1.000	1.00	23.02.18
1270	R00182100042 Diaphragm for Sol Valve Min Eco CV Diaphragm for Sol Valve Min Eco CV as per Matl-L182112486701002	SET	1.000	1.00	23.02.18
1280	R00182100064 Lubricant for gasket for Sep Lvl CV Lubricant for gasket (100 percent qty. of lubricants for gaskets for	SET	1.000	1.00	23.02.18
The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.				Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED K. UDAYA KUMAR Sr. Engineer / Purchase Material Management BHHEL, TRICHY (FOSSIL BOILERS) Yours faithfully,	



429-002/A

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each control valve on one year consumption basis) for Sep Lvl CV as per Matl-L182112486701001				
1290 R00182100065	SET	1.000	1.00	23.02.18
Lubricant for gasket for Min Eco CV Lubricant for gasket (100 percent qty. of lubricants for gaskets for each control valve on one year consumption basis) for Min Eco CV as per Matl-L182112486701002				

This Enquiry shall be monitored by Independent External Monitor

Shri D.R.S Chaudhary, IAS (Retd.)

E-1/164 Arera Colony

Bhopal- 462 016 (M.P.)

Ph: +91 755 -4050495

dilip.chaudhary@icloud.com

General Note:

- 1) Please fill up the commercial terms annexure A enclosed and submit along with the offer for evaluation.
- 2) Please give point wise confirmation to our specification and fill all the columns in the datasheet.
- 3) The offer to be submitted in two part bid system:
 - a) Technical offer with commercial terms and b) Price bid separately
- 4) Vendors are requested to quote on FOR/Destination basis including freight & insurance charges to their account.
- 5) The tender will be considered project wise package basis for evaluation & ordering.
- 6) Vendor to furnish unit weight and dimensional drawings of the valves at the time of the offer itself.
- 7) Vendor shall follow applicable painting schedule for this project.
- 8) While calculating the Quantity of Items for Commissioning spares ,vendor shall round the number to the nearest higher whole number.
- 9) Suitability of Mandatory spares to the main supply shall be confirmed by vendor in the quotation.
- 10) Complete set of documents/drawing approved by Main engineering is applicable for spares supply and to be followed for the Mandatory spares

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Yours faithfully,
 For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR
 Sr. Engineer / Purchase
 Material Management / FB
 BHEL, TRICHY - 620014
 MANAGER / PURCHASE
 (FOSSIL BOILERS)
 Yours faithfully,



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also. No separate approval is required for spares.

11) Vendor to submit clear technical offer indicating the scope of supply for each items with BHEL material code and set details indicating applicable items with applicable description, Specification and quantity and also should clearly indicate not applicable items.

12) All filled up data sheets, drawings, calculations for Cv, Noise, Valve outlet velocity, Actuator sizing, Actuator wiring, vendor data sheets for Cv electrical actuator, Lift vs Cv %, hook up & JB diagram and catalogues are to be submitted along with the offer.

13) Price for Cv type test is to be quoted.

14)

ENNORE:

MAIN SUPPLY AND COMMISSIONING SPARES: Enquiry sl. No: 10 to 70
 To be despatched to Ennore site, Tamilnadu.

MANDATORY SPARES: Enquiry sl. No: 220 to 430
 To be despatched to BHEL Stores, Trichy.

NORTH CHENNAI:

MAIN SUPPLY AND COMMISSIONING SPARES: Enquiry sl. No: 80 to 140
 To be despatched to North Chennai site, Tamilnadu.

MANDATORY SPARES: Enquiry sl. No: 440 to 870
 To be despatched to BHEL Stores, Trichy.

UPPUR:

MAIN SUPPLY AND COMMISSIONING SPARES: Enquiry sl. No: 150 to 210
 To be despatched to Uppur site, Tamilnadu.

MANDATORY SPARES: Enquiry sl. No: 880 to 1290
 To be despatched to BHEL Stores, Trichy.

15) Vendor shall comply the Pre-qualification requirement as indicated in specification.

16) Special provision for MSME vendors are as per Annexure-A

17) Vendor have to submit all the documents duly filled in "Supplier Registration Forms" through online (available in <http://www.bheltry.co.in/>- Online Vendor Registration- Material Management). Duly filled-in Supplier Registration Forms, along with all credentials and supporting documents, Certificate of Rating from D & B (Dun & Brad) sheet or equivalent agencies (For Foreign

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Yours faithfully,
 For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR
 Sr. Engineer / Purchase
 Material Management / F3
 BHEL, TRICHY - 620 014
 MANAGER / PURCHASE
 (FOSSIL BOILERS)
 Yours faithfully,



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vendors), Financial Performance / Profit & Loss Account
 / Balance sheet for last three years etc. (With Techno-Commercial Bid).

Availability of minimum manufacturing, handling, testing and measuring facilities, to be detailed are to be mentioned clearly. All the documents to be uploaded. Apart from Qualifying the Techno- Commercial requirements of the enquiry, BHEL has the right for spot assessment of the facilities for evaluation, approval and for registration.

18) Price Bid of the vendors will be open subjected to Techno commercial suitability and approval of vendor firm by our end customer TNGENCO.

All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM
 Room No: 26, Building 24, Ground Floor
 Bharat Heavy Electricals Limited
 TIRUCHIRAPALLI 620014**

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only tender_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

The supplier shall submit EI/EII forms to BHEL time to time as indicated by the BHEL and in case of inordinate delay in issuing EI/EII forms, then BHEL reserves the right to deduct 5% of the value of the supplied items against which EI/EII forms pending to be issued

The offers should reach us 30 minutes before the time of opening of tenders.
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Yours faithfully,
 For BHARAT HEAVY ELECTRICALS LIMITED

K. UDAYA KUMAR
 Sr. Engineer / Purchase
 Material Management / FB
 BHEL, TRICHY - 620 014

MANAGER / PURCHASE
 (FOSSIL BOILERS)
 Yours faithfully,



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Enclosures:

- 1) Terms and Conditions (Annexure-A).
- 2) Special provision for MSME vendors- Annexure -B
- 3) Pre-Qualification Requirement
- 4) Standard Quality Plan:SQP:SD:06/Rev 00 dt 14.09.2015
- 5) PBG format with Bank list
- 6) Price / unprice format
- 7) Specifications and Data sheets
- 8) Integrity Pact

"LD clause has to be confirmed without fail."

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

K. UDAYA KUMAR
Sr. Engineer / Purchase
Material Management / FB
BHEL, TRICHY - 620 014.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,